नॉर्थ ईस्टर्न ईलैक्ट्रिक पावर कॉरपोरेशन लि.
(भारत सरकार का उपक्रम)
North Eastern Electric Power Corporation Limited
(A Govt. of India Enterprise)
Office of the Executive Director (Commercial)

ISO 9001, 14001
& OHSAS 18001

No: NEEPCO/ED/COMML/ T-13/2025-26/Camp Ghy- 14 Dated. 27-11-2025

सेवा में/To,

सचिव/The Secretary

केंद्रीय विद्युत विनियामक आयोग/Central Electricity Regulatory Commission
6th, 7th & 8th Floors, Tower B, World Trade Centre,
Nauroji Nagar, New Delhi- 110029

विषय/ Sub: Petition under Sections 62 and 79 (1) of the Electricity Act, 2003 read with related provisions of the Chapter-5 of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Regulation 27 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations , 2024 for approval of proposal for Renovation & Modernization for life extension beyond the normal useful life and determination of tariff from the actual C.O.D. in respect of Khandong Hydro Power Station(2 X 23 MW = 46 MW) of North Eastern Electric Power Corporation Limited (NEEPCO), Shillong) .

महोदय /Dear Sir,

This has reference to the above, please find enclosed herewith the Tariff Determination Petition against Khandong Hydro Power Station (2x23 MW) (hereinafter referred to as Khandong-I) of North Eastern Electric Power Corporation Limited (NEEPCO), Shillong

This is for kind consideration of the Honourable Commission.

धन्यवाद/Thanking you,

संलग्नक: यथोक्त/Enclo: As above

भवदीया/Yours faithfully,

(रिपुंजय भुइयां)
मुख्य महाप्रबंधक

Chief General Manager (E)
कार्यपालक निदेशक (वाणिज्यिक) का कार्यालय
O/o Executive Director (Comml)
नीपको लि. शिलांग
NEEPCO Ltd. Shillong

ज्ञापन सं-/ NEEPCO/ED/COMML/ T-13/2025-26/Camp Ghy-14 **दिनांक**/Dated: 27.11.2025

1.अध्यक्ष, असम पावर डिस्ट्रीब्यूशन कंपनी लिमिटेड, "बिजुली भवन", पलटनबाजार, गुवाहाटी 781 001, असम।

1. Chairman, Assam Power Distribution Company Ltd, "Bijulee Bhawan", Paltanbazar, Guwahati 781 001, Assam.

2.अध्यक्ष एवं प्रबंध निदेशक, मेघालय विद्युत वितरण निगम लिमिटेड, मीटर फैक्ट्री क्षेत्र, शॉर्ट राउंड रोड, एकीकृत कार्यालय परिसर, शिलांग - 793001, मेघालय।

2.Chairman & Managing Director, Meghalaya Power Distribution Corporation Ltd, Meter Factory area, Short Round Road, Integrated Office Complex, Shillong -793001, Meghalaya.

3.अतिरिक्त. महाप्रबंधक, वाणिज्यिक एवं सिस्टम ऑपरेशन, त्रिपुरा राज्य विद्युत निगम लिमिटेड, विद्युत भवन, उत्तरी बनमालीपुर, अगरतला -799 001, त्रिपुरा।

3.Addl. General Manager, Commercial & System Operation, Tripura State Electricity Corporation Ltd., Bidyut Bhavan, North Banamalipur, Agartala - 799 001, Tripura.

4.मुख्य अभियंता, बिजली और बिजली विभाग, मिजोरम सरकार, नया सचिवालय परिसर, काव्लफेथा, आइजोल - 796001, मिजोरम।

4.Engineer In Chief, Power & Electricity Department, Government of Mizoram, New Secretariat Complex, Kawlphetha, Aizawl – 796001, Mizoram.

5.प्रबंध निदेशक, मणिपुर राज्य विद्युत वितरण कंपनी लिमिटेड, इलेक्ट्रिकल कॉम्प्लेक्स, ख्वाई बाजार, कीशमपत, इंफाल-795001, मणिपुर।

5.Managing Director, Manipur State Power Distribution Co. Ltd, Electrical Complex, Khwai Bazar, Keishampat , Imphal-795001, Manipur.

6.मुख्य अभियंता (विद्युत), विद्युत विभाग, विद्युत भवन, अरुणाचल प्रदेश सरकार, ईटानगर-791111, अरुणाचल प्रदेश।

6.Chief Engineer (Power), Department of Power, Vidyut Bhawan, Government of Arunachal Pradesh, Itanagar-791111, Arunachal Pradesh.

7.मुख्य अभियंता (विद्युत), विद्युत विभाग, नागालैंड सरकार, कोहिमा - 797001, नागालैंड।

7.Chief Engineer (Power), Department of Power, Government of Nagaland, Kohima -797001, Nagaland.

8.सदस्य सचिव, उत्तर पूर्वी क्षेत्रीय विद्युत समिति, एनईआरपीसी कॉम्प्लेक्स, डोंग पर्माव, लापालांग, शिलांग-793006, मेघालय।

8.Member Secretary, North Eastern Regional Power Committee, NERPC Complex, Dong Parmaw, Lapalang, Shillong-793006, Meghalaya.

9.महाप्रबंधक, उत्तर पूर्वी क्षेत्रीय लोड डिस्पैच सेंटर, डोंगटीह, लोअर नोंगरा, लापलांग, शिलांग -793006, मेघालय।

9.General Manager, North Eastern Regional Load Despatch Centre, Dongtieh, Lower Nongrah, Lapalang, Shillong -793006, Meghalaya.

मुख्य महाप्रबंधक

Chief General Manager (E)
कार्यपालक निदेशक (वाणिज्यिक) का कार्यालय
O/o Executive Director (Comml)
नीपको लि. शिलांग
NEEPCO Ltd. Shillong

सत्यमेव जयते

INDIA NON JUDICIAL

Government of Assam

e-Stamp

Certificate No.	:	IN-AS00941064496566X
Certificate Issued Date	:	26-Nov-2025 02:34 PM
Account Reference	:	NONACC (SV)/ as17054504/ GUWAHATI/ AS-KM
Unique Doc. Reference	:	SUBIN-ASAS17054504863829418888292X
Purchased by	:	RIPUNJOY BHUYAN
Description of Document	:	Article 4 Affidavit
Property Description	:	AFFIDAVIT
Consideration Price (Rs.)	:	0 (Zero)
First Party	:	RIPUNJOY BHUYAN
Second Party	:	AS PER AFFIDAVIT
Stamp Duty Paid By	:	RIPUNJOY BHUYAN
Stamp Duty Amount(Rs.)	:	100 (One Hundred only)

NOTARY
Mumtaz Begum Kalita
Kamrup (Metro), Guwahati
Regd. No. KAM-17
Exp. Dt.- 8/3/2030
GOVT OF ASSAM

Please write or type below this line

29742

Chief General Manager (E)
कार्यपालक निदेशक (वाणिज्यिक) का कार्यालय
O/o Executive Director (Comml)
नीपको लि. शिलांग
NEEPCO Ltd. Shillong

BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION, NEW DELHI

IN THE MATTER OF :

petition under section 62 and 79(1) of the Electricity Act. 2003 read with related provisions of the Chapter-5 of the Central electricity Regulatory Commission(Conduct of Business) Regulation, 2023 and Regulation 27 of the Central Electricity Regulatory Commission(Terms and Conditions of Tariff) Regulations, 2024 for approval of proposal for Renovation & Modernization for life extension beyond the normal useful life and determination of tariff from the actual C.O.D. in respect of Khandong Power Station(2 x 23 MW = 46 MW) of North Eastern Electric Power Corporation Limited(NEEPCO), Shillong

26 NOV 2025
NOTARY
Mumtaz Begum Kalita
Kamrup (Metro), Guwahati
Regd. No. KAM-17

PF 0027352901

IN THE MATTER OF:
North Eastern Electric Power Corporation Limited - **Petitioner**

Versus

Assam Power Distribution Company Limited &Ors. - **Respondents**

AFFIDAVIT

I RipunjoyBhuyan son/daughter of Late Deb Nath Bhuyanaged about 52 Years, resident of Guwahati do hereby solemnly affirm and state as under:

1. I am the CGM &i/c Executive Director(Commercial) of the Petitioner – North Eastern Electric Power Corporation Limited, and I am well conversant with the facts of the case and able to depose the present affidavit.

2. I have gone through the accompanying submission filled by North Eastern Electric Power Corporation Limited and I say that the contents stated therein are based on the records of the Petitioner maintained in the normal course of business and believed by the deponent to be true.

3. The annexures to present reply to the ROP are true copies of the original.

NOTARY
Mumtaz Begum Kalita
Kamrup (Metro), Guwahati
Regd. No. KAM-17
Exp. Dt.- 8/3/2030
GOVT. OF ASSAM

DEPONENT
Chief General Manager (E)
कार्यपालक निदेशक (वाणिज्यिक) का कार्यालय
O/o Executive Director (Comml)
नीपको लि. शिलांग
NEEPCO Ltd. Shillong

VERIFICATION:

I, the Deponent above named do hereby verify that the contents of my above affidavit are true to my knowledge, no part of it is false and nothing material has been concealed there from.

Verified at Guwahati on this ___ day of November 2025

DEPONENT
Chief General Manager (E)
कार्यपालक निदेशक (वाणिज्यिक) का कार्यालय
O/o Executive Director (Comml)
नीपको लि. शिलांग
NEEPCO Ltd. Shillong

Identified by
Adv. Anushka Jha

26 NOV 2025

NOTARY
Mumtaz Begum Kalita
Kamrup (Metro), Guwahati
Regd. No. KAM-17

PETITION NO. /GT/2025

PETITION

APPROVAL OF PROPOSAL FOR RENOVATION & MODERNIZATION FOR LIFE EXTENSION BEYOND THE NORMAL USEFUL LIFE AND DETERMINATION OF TARIFF FROM THE ACTUAL C.O.D. IN RESPECT OF KHANDONG-I POWER STATION

(2 X 23 MW)

NORTH EASTERN ELECTRIC POWER CORPORATION LTD

COMMERCIAL DEPARTMENT
Corporate Office:
Brookland Compound : Lower New Colony
Shillong – 793003, Meghalaya

BEFORE THE HONB'LE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO: /GT/2020

IN THE MATTER OF:

Petition under Sections 62 and 79 (1) of the Electricity Act, 2003 read with related provisions of the Chapter-5 of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Regulation 27 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations , 2024 for approval of proposal for Renovation & Modernization for life extension beyond the normal useful life and determination of tariff from the actual C.O.D. in respect of Khandong Hydro Power Station(2 X 23 MW = 46 MW) of North Eastern Electric Power Corporation Limited (NEEPCO), Shillong..

AND IN THE MATTER OF:

North Eastern Electric Power Corporation Limited
Corporate Office: Brookland Compound
Lower New Colony, Shillong 793 003, Meghalaya --------- PETITIONER

VERSUS

RESPONDENTS:

Assam Power Distribution Company Limited,
"Bijulee Bhawan", Paltanbazar, Guwahati 781 001 ---------**and 08 (eight) others**

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NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

THROUGH

Place: Guwahati
Dated:

(Ripunjoy Bhuyan)
i/c ED(Commercial) & CGM(Tech)

BEFORE THE HONB'LE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.: /GT/2020

IN THE MATTER OF:

Petition under Sections 62 and 79 (1) of the Electricity Act, 2003 read with related provisions of the Chapter-5 of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Regulation 27 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations , 2024 for approval of proposal for Renovation & Modernization for life extension beyond the normal useful life and determination of tariff from the actual C.O.D. in respect of Khandong Hydro Power Station(2 X 23 MW = 46 MW) of North Eastern Electric Power Corporation Limited (NEEPCO), Shillong.

AND IN THE MATTER OF:

North Eastern Electric Power Corporation Limited
Corporate Office: Brookland Compound
Lower New Colony, Shillong 793 003, Meghalaya --------- **PETITIONER**

VERSUS

RESPONDENTS:

1. **Chairman**
   Assam Power Distribution Company Ltd
   "BijuleeBhawan", Paltanbazar
   Guwahati 781 001, Assam.

2. **Chairman & Managing Director,**
   Meghalaya Power Distribution Corporation Ltd
   Lumjinshai, Short Round Road

Shillong -799001, Meghalaya.

3. **Deputy General Manager, Commercial & System Operation,**
Tripura State Electricity Corporation Ltd.
Bidyut Bhavan, North Banamalipur,
Agartala -799 001, Tripura.

4. **The Engineer-in-Chief,**
Power & Electricity Department,
Government of Mizoram,
New Secretariat Complex, Kawlphetha, Aizwal- 796001

5. **The Managing Director**
Manipur State Power Distribution Company Limited,
3rd Floor, New Directorate Building, Near 2nd M.R Gate,
Imphal- Dimapur Road, Imphal- 795001, Manipur.

6. **Chief Engineer (Power),**
Department of Power, Bidyut Bhawan,
Government of Arunachal Pradesh,
Itanagar-791111, Arunachal Pradesh.

7. **The Chief Engineer (Power),**
Department of Power,
Government of Nagaland,
Electricity House, A G Colony.
Kohima- 797001, Nagaland.

8. **Member Secretary**
North Eastern Regional Power Committee,
NERPC Complex, Dong Parmaw
Lapalang, Shillong-793006,Meghalaya.

9. **Executive Director,**
North Eastern Regional Load Despatch Centre
Dongtieh, Lower Nongrah,
Lapalang, Shillong -793006, Meghalaya.

It is respectfully submitted by the petitioner: -

1. The **North Eastern Electric Power Corporation Limited** (hereinafter referred to as **NEEPCO**) was established under the Companies Act, 1956 as a Government of India Enterprise on 2nd April, 1976 with its Headquarters at Shillong, Meghalaya, and at present is a wholly owned subsidiary of NTPC Limited.

2. The **Khandong Hydro Power Station**(2X23 MW = 50 MW) (hereinafter referred to as **Khandong-I HPS)**, a Hydro-Electric Power Station located in the Dima Hasao District of Assam is owned and operated by NEEPCO.

3. The Kopili Hydro Electric Plant comprises of three power stations, namely **Khandong Hydro Power Station (2X23 MW)**, Kopili Power Station (4X50 MW) and Kopili Stage II Power Station (1X23 MW). Initially, the Plant was of the capacity of 150 MW i.e. (2X23MW) in Khandong Power Station and (2X50 MW) in Kopili Power Station. Later on, (2X50 MW)

were added to Kopili Power Station as KHEP First Stage Extension in the year 1997. In addition, 1X23 MW Kopili Stage-II Power station added to the project with date of commissioning on 26.07.2004. The date of commercial operation of the units of the Khandong Power Station (2X23 MW), and the corresponding unit capacities are indicated in the table below:

Unit No.	Date Of Commercial Operation	Unit Capacity
Unit I	07.03.1984.	23 MW
Unit II	04.05.1984.	23 MW
Station COD	**04.05.1984.**	

4. The First stage of the project had been executed keeping in view the maximum benefit to be derived in future from the built in civil works. The project comprises of two concrete dam, viz, Khandong Dam and Umrong Dam and two corresponding reservoirs with two separate water conductor systems and two power houses, namely, Khandong Power Station and Kopili Power Station. Khandong Dam is across the river Kopili, which is a perennial river. Water from this reservoir is diverted through a tunnel of diameter 4.5 meters and a water conductor system of length of 2.76 Km to the Khandong Power Station(2X23 MW). Umrong Dam is across a small tributary of the river Kopili, called Umrong, which has a very less discharge during the lean season.

5. It is submitted that the electricity generated from Khandong Power Station is being supplied to the respondents from Sl.No.1 to Sl.No.7 mentioned herein above.

6. The original Annual Design Energy of Khandong Power Station was 277.61Million Units (MUs).

7. The Hon'ble Commission determined the tariff of **Khandong** Power Station -I for the period 01.04.2014 to 31.03.2019 and approved the Annual Fixed Charges (AFC) for the tariff period 2014-19 vide their **order dated 13.01.2016** in **petition No. 42/GT/2015**in accordance with the Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations,2014.

8. The **Capital cost as on 31.03.2014** admitted for the purpose of tariff by the Hon'ble Commission in the above order was **Rs. 12438.28 Lakh** vide order dated. 13.01.2016 in the petition no. 42/GT/2015.

The capital cost allowed by the Hon'ble Commission for the period 01st April 2014 to31stMarch 2019 vide Tariff Order for 2014-19 under para14 is as below:

Table 1: Statement of Project Capital Cost as per paragraph 21of Tariff Order for 2014-19.

Rs in Lakh

	2014-15	**2015-16**	**2016-17**	**2017-18**	**2018-19**
Opening Capital Cost	**12438.28**	13728.51	17052.68	17276.63	18094.63
Additional Capital expenditure admitted	1290.23	3324.17	223.95	818.00	693.00

Closing Capital Cost as on 31st March of the year	**13728.51**	**17052.68**	**17276.63**	**18094.63**	**18787.63**

9. The Khandong PS has completed its useful life on **03.05.2024.**

10. **Petition no. 633/MP/2020** :

The Petitioner NEEPCO has filed a petition before the Hon'ble Commission under section 62 and 79 (1) of the Electricity Act,2003 read with related provisions of the Chapter-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations,1999 and the Central Electricity Regulatory Commission (Procedure for tariff Determination) Regulations,2019 for approval of proposal for R&M for life extension beyond the normal useful life in respect of Khandong Power Station (2x23 MW=50 MW) vide Petition no. **633/MP/2020.**

11. Consent from the beneficiaries were taken prior to filing of the Petition 633/MP/2020.

12. Based on the original DPR against the R&M and life extension, approval of the CEA was obtained on the following:
    - Budget Estimate of EM and Civil Costs of R&M and LE of Khandong.
    - Revised Installed capacity & Design Energy
    - Time Schedule & Phasing of hard cost

The approval copies are attached as **Annexure- A**

13. After obtaining in-principle approval from CEA and admission of Petition no. 633/MP/2020 by Hon'ble Commission, some enabling activities of R&M and LE were started, which primarily comprises of the following**:**
    a. Very urgent issues which need immediate attention such as Penstock Protection Butterfly Valves / Emergency DG sets / EOT Crane etc.
    b. Enabling activities to optimize generation during the R&M and LE such as Tunnel and Gate works.

14. **Devastation:**
While carrying out the enabling activities in Sl. No 15 on **26/03/2022**, Khandong Power Station was completely inundated by flash flood, causing major damage to all the Electrical Mechanical equipment, the Valve House, Steel Liner and the Y -Piece and the Power House Building. Few photographs of the devastation and reports are enclosed as **Annexure- B**

15. For cleaning of the debris, dismantling and removal of all the damaged equipment took more than 13 months (till May 2023).

16. The order against the Petition No. 633/MP/2020 was issued on 31st July 2025 (Annexure-C) . The abstract of the order is mentioned bellow:

" *4. During the hearing of the Petition on 2.7.2025, the representative of the Petitioner made oral submissions in support of the reliefs sought in the petition. However, on a specific query of the Commission with regard to the status of approval of the DPR by the CEA, the representative of the Petitioner clarified that the DPR submitted to CEA for approval on 4.8.2020, is under active consideration by the CEA, and approval is expected shortly. On an observation of the Commission that no purpose would be served to keep the matter pending, considering the fact that the DPR approval by CEA is awaited and that the anticipated COD of the Units (post-R&M) would fall during the period 2024-29, thereby requiring revision of the petition in terms of the 2024 Tariff Regulations, the representative of the Petitioner sought permission to withdraw the present petition, with liberty to the Petitioner to approach the Commission on this subject, after approval of the DPR. He also prayed for adjustment of the filing fees paid for the present Petition, against the Petition to be filed on the subject, in future.*

5. In view of the above submissions, the Petitioner is permitted to 'withdraw' the present Petition with the liberty to approach the Commission in the future, with a fresh petition, along with all relevant supporting documents. The filing fees paid in the present Petition will be adjusted against the Petition to be filed in the future, as stated above.

6. Accordingly, Petition No. 633/MP/2020 is disposed of as 'withdrawn'."

17. Petition no-834/MP/2025

Considering the direction of Hon'ble Commission, Petitioner has filed the Petition 834/MP/2025 for approval of R&M for life extension of Khandong HPS based on Tariff Regulation 2024.

18. The inundation impaired all the undergoing activities of R&M and LE needing re-assessment of works along with restoration and cleaning activities. Accordingly, Revised cost estimates were prepared by D&E wing and was submitted to CEA, and subsequently CEA has approved the re-assessment cost estimates as mentioned below:

- EM cost of **Rs. 188.42** Crores vide File No CEA-HY-12-33/1/2021-HPA Division dated 18/11/2022 (**Annexure- D**)
- Civil and HSM cost of **Rs. 89.32** Cores vide File No.CEA-TH-18-11(14)/2/2021-TCD Division dated 07/07/2023(**Annexure- E**)

19. Further, vide letter no. NEEPCO/GHY/D&E/E&M/Khps-Restn-09/2024-25/767 dated 25/03/2025 (**Annexure- F**) details calculation of 1st Year tariff and levelized tariff Based on the vetted estimated EM Cost , Civil and HM cost including phasing was submitted before the CEA considering estimated completion of the R&M by July 2025 has been prepared and forwarded to CEA for vetting.

Vide Mail dated 21st April'2025 (**Annexure-G**) CEA has sought certain information including revised cost upto 31st March'2025 based on our submission.

20. No separate consent from the beneficiaries were taken. However, during the 28th TCC & NERPC meeting held on 20th & 21st February 2025 , the matter was apprised before the TCC & NERPC in presence of representative of all the beneficiaries , that the levelized tariff of Rs.3.24/kwh conveyed and agreed by beneficiaries earlier will be going to increase substantially due to the change in scope of work due to inundation of the Power Station . It was also apprised that CEA has already vetted the revised cost against Electro-Mechanical, Civil and HM works. In the same forum, a provisional tariff of Rs. 3.24/Kwh till determination of tariff by Hon'ble Commission was also approved (**Annexure - I**) .

21. Hon'ble Commission vide order dtd 24th October, 2025 in the said Petition i.e. 834/MP/2025 approved liberty to the Petitioner to file the tariff petition for the period from the COD of the units, in terms of Regulation 9(1) of the 2024 Tariff Regulations. Liberty is also granted to the Petitioner to seek the reliefs (as in para 1 above), in the said tariff petition to be filed by the Petitioner. The abstract of the order is mentioned below:-

"*In view of the above submissions, the present Petition is disposed of as 'withdrawn', with liberty to the Petitioner to file the tariff petition for the period from the COD of the units, in terms of Regulation 9(1) of the 2024 Tariff Regulations. Liberty is also granted to the Petitioner to seek the reliefs (as in para 1 above), in the said tariff petition to be filed by the Petitioner. The filing fees paid in respect of this petition shall be adjusted in the tariff petition to be filed in terms of the liberty granted as above."*

22. **The Present Petition is being filed to determine the tariff after completion of Renovation and Modernisation of the station .**

23. Renovation and modernisation of the plant has now been completed. The 1st unit has achieved COD on 00:00 hrs of 13th Jul 2025 (**Annexure-H**) and COD of 2nd unit has been declared w.e.f from 00:00 hrs of 30th August 2025 (**Annexure-M**) .

24. **Actual Project Completion Cost**

The actual project completion cost is as below:-

a)	**Hard Cost :-**	**256.74 Cr**
b)	**IDC:-**	**7.2543 Cr**
c)	**IEDC:-**	**129.77 Cr**
d)	**Residual Cost:-**	**136.1488 Cr**

e) Total:- 529.92 Cr

25. **Residual Cost: -**

Residual cost has been taken on the basis of Gros block of the assets which were existing and serviceable after the devastation.

26. **ANALYSIS OF COST OVER RUN:**

The cost overrun of the project has been carried out with respect to CEA approved cost at **March-2022 PL for EM Works** and **March-2023 PL for Civil & HM** respectively as shown below:

Item Description	CEA Approved Cost	RCE (Aug'25 PL)			Variation w.r.t to CEA vetted cost
		Expenditure as on Aug'25	Committed Liabilities	Total Cost	
(a) Civil & HM Works (excluding Miscellaneous)	89.32	96.51	11.38	107.89	18.57
(b) EM Works	178.34	177.22	16.68	193.91	15.57
Sub Total *(Main work cost)* (a+b)	**267.66**	**273.73**	**28.06**	**301.80**	**34.14**
(c)Establishment Cost	10.08	67.36	0.00	67.35	57.28
(d) Miscellaneous		47.57	0.07	47.64	
Hard Cost (a+b+c+d)	**277.74**	**388.66**	**28.13**	**416.79**	**139.05**
IDC &FC	0.0	7.25	0.00	7.25	7.25
Insurance Cost of Residual Assets	0.00	19.61	0.00	19.61	19.61
Total	**277.74**	**415.52**	**28.14**	**443.65**	**165.91**
(-) Less Receipt:				0.00	0.00
Net Project Cost				**443.65**	**165.91**

Head wise sanctioned cost, RCE cost and cost variation thereon is given below:

(In Rs. Crs.)

Heads	CEA Approved Cost	RCE (AUG'25 PL)	Variation	% variation w.r.t CEA cost
I- Works				
A-Preliminary	0.00	0.00	0.00	0.00
B-Land	0.00	0.00	0.00	0.00
C-Works	8.70	8.26	-0.43	-4.99%
J-Power Plant Civil Works	80.62	98.11	17.49	21.69%
K-Building	0.00	1.40	1.40	100%
M-Plantation	0.00	0.00	0.00	0.00
O-Miscellaneous	0.00	47.64	47.64	100%
P-Maintenance	0.00	0.00	0.00	0.00
Q- Special T & P	0.00	0.00	0.00	0.00
R- Communication	0.00	0.00	0.00	0.00
X-Environment & Ecology	0.00	0.10	0.10	0.00
Y-Losses on stock	0.00	0.00	0.00	0.00
Total of I- Works	89.32	155.51	66.20	74.11%
II Establishment	0.00	33.68	33.68	100%
III- Tools & Plants	0.00	0.00	0.00	0.00
IV- Suspense	0.00	0.00	0.00	0.00
V- Receipts & recoveries	0.00	0.00	0.00	0.00
Total of Direct Charges	**89.32**	**189.20**	**99.88**	**111.82%**
INDIRECT CHARGES	0.00	0.00	0.00	0.00
(a) Capitalized values of Land Revenue	0.00	0.00	0.00	0.00

Heads	CEA Approved Cost	RCE (AUG'25 PL)	Variation	% variation w.r.t CEA cost
(b) Audit & Accounts Charges 0.5 % of (I-Works- B-Land)	0.00	0.00	0.00	0.00
TOTAL OF INDIRECT CHARGES	0.00	0.00	0.00	0.00
A. TOTAL OF CIVIL WORKS	**89.32**	**189.20**	**99.88**	**111.82**
B. TOTAL OF EM WORKS	**188.42**	**227.59**	**39.17**	**20.79**
TOTAL OF CIVIL & EM WORKS (A + B)	**277.74**	**416.79**	**139.05**	**50.06**
Insurance Cost against residual Asset of Plant	**0.00**	**19.61**	**19.61**	**100**
IDC &FC	0.00	7.25	7.25	100
TOTAL COST	**277.74**	**443.65**	**165.91**	**59.74%**

The breakup of Rs. 165.91 Crores cost overrun under different variance head is given as under: -

Sl.No	Description of cost overrun	Civil & HM Work	EM Work	Total (Rs Crs.)	% w.r.t total
1	Change in Scope/Design	0.00	0.00	0.00	0.00%
2	Under / Over provision	47.35	29.36	76.71	55.17%
3	Additional requirement / New item/Addition/Deletion	49.55	3.69	53.24	38.29%
4	Others Causes	0.00	0.00	0.00	0.00%
	Sub Total	96.90	33.05	129.95	93.46%
1	Price Escalation	0.11	2.77	2.88	2.07%
2	Statutory Levies (Service Tax, VAT, Cess, GST…)	2.86	3.35	6.21	4.47%
	Sub Total	2.97	6.12	9.09	6.54%

	Total	**99.87**	**39.17**	**139.04**	**100%**

The head wise reasons of cost overrun are described in brief as below:

26.1 A - Preliminary:

No expenditure has occurred under this Head.

26.2 B- Land:

No expenditure has occurred under this Head.

26.3 C-Works: (Civil & HM work of Dam related work): Variation of (-) Rs. 43.40 Lakh

The project components under this includes – Repairing of Khandong Dam, spillway and Gallery, Intake Bulkhead Gate, Sluice Gates, Instrumentation and control system etc. As per CEA approved cost, the total cost of C-works was Rs. 869.70 Lakh. The actual cost incurred as on date under C-works is Rs. 662.71 lakhs and there is a provision of Rs 163.60 Lakhs against committed liabilities/balance works. Hence, total cost under this head stands at Rs 826.31 Lakhs with negative cost variation of Rs. 43.40 Lakhs due to the following reasons:

i) **Price Escalation:** There is an increase of Rs 8.44 lakhs due to price escalation. The variation is due to escalation on quoted rates of items executed under main civil contract. The price escalation has been worked out at Aug'25 price level

(Annexure C-1)

ii) **Scope / design change:** Nil.

iii) **Inadequate / Over Provision: (-) Rs. 102.96 Lakh:** There is negative variation due to overprovision of Quantity in BOQ Items of works related to Khandong Dam.

iv) **Addition/Deletion: (+) (Rs.57.74 Lakhs):**

a) <u>HM Gate Work:</u> Variation of (+) Rs. 15.71 (Lakh)

Some Extra Items like sand blasting of Intake Bulk Gate, Steel work in built up section, providing of hand rail & painting work was required to be taken up for completion of work.

(Annexure- C-2)

b) <u>Civil Work</u>: Variation of (+) Rs. 42.02 (Lakh)

Some Extra Items for repairing/waterproofing works at Khandong Dam, such as, Xypex Patch N Plug, Xypex Megamix-II & Xypex Grout, were required to be executed.

(Annexure C-3)

v) **Other causes:** Nil.

vi) **Statutory Levies: (-) (Rs. 6.62 Lakhs):** The negative variation is due to taxes & duties for the over provisioned BOQ Item of works as mentioned above.

26.4 J-Works: Variation of (+) Rs. 1749.05 Lakh

The detail under this head are attached under the following three sub heads:

(i) HM-Penstock & steel in liners in HRT
(ii) HM Gate
(iii) Civil: HRT, Penstock & Power House, miscellaneous

The project components under this head are Head Race Tunnel, Valve House, High Pressure Tunnel, Power House, Tail Race channel, Switchyard and Gate works. The approved CEA cost under this head is Rs. 8062.50 lakhs. The actual cost incurred as on date under J-works is Rs. 8871.65 lakhs and there is a provision of Rs 939.89 Lakhs against committed liabilities. Hence, the total cost incurred is Rs. 9811.55 lakhs with a cost overrun of Rs 1749.05 lakhs.

The reasons of variations are as below:

i) **Price escalation (Rs 2.49 lakhs):** There is an increase of Rs 2.49 lakhs due to price escalation. The variation is due to escalation on quoted rates of J-Power Plant Civil Works (both positive & negative). The price escalation has been worked out at Aug'25 price level.

(Annexure J-1)

ii) **Scope / design change:** Nil.

iii) **Inadequate/ Over Provision (+) (Rs. 142.81 lakhs):** The positive variation is mainly due to the following reasons:

a) Penstock & Steel In-Liners-

Some of the quantity of BOQ Items such as Design Fabrication of plate for Surface Penstock, testing etc were deviated as per site for successful completion of works. The total deviation amount for the head is Rs. 129.56 Lakhs (HM WORKS)

b) Gate works as executed under contract "Repair of HM Components (Gates) under R&M of Khandong Power Station (2 x 25 MW) ".

Some of the BOQ Items were not executed as per site requirement. The total deviation amount for this head is (-) Rs. 228.61 (HM WORKS)

c) Gate works as executed under contract "Renovation and Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station(2x23MW) "

Some of the quantities BOQ were deviated as per site condition for successful completion of work. The total deviation amount for the head is Rs. 59.14 Lakhs (HM WORKS)

d) Civil Works executed under "Civil works pertaining to restoration and renovation & modernisation of Khandong power station (2 x 23 MW)"

- There was overprovision in some of the BOQ Items which led to a negative variation of Rs. 179.90 Lakh.
- Cost of Cement & Steel- The materials were supplied by the corporation and the cost was not approved by CEA, leading to a positive variation of Rs. 404.88 Lakh.

e) Renovation works of HRT- There was overprovision in some of the BOQ Items which led to a negative variation of Rs. 7.47 Lakh

f) Additional/Miscellaneous Works- Some of the Items of works were not executed as per site condition leading to a negative variation of Rs. 34.78

iv) **Addition/Deletion (Rs 1331.91 lakhs):** There is an increase of Rs. 1331.91 lakhs due to necessity of execution of the following Extra items and other miscellaneous works as per site requirement-

I. *HM Works*

a) Penstock & Steel In-Liners -The increase in amount under the head of "Addition/Deletion" of Rs. 133.76 Lakhs, is due to execution of the following main works beyond CEA vetted cost.

Sl. No.	Additional work	Amount (Rs in Lakh)	Reference of Annexure
1	Removal of existing S.S Cladding from the lower half of the bends (AB-1A, AB-1B, AB-2A & AB-2B) of the Penstock to facilitate for PAUT for weld build up & fixing of cladded steel as per requirement of Technical Specifications	8.30	
2	Phased Array Ultrasonic Testing of Additional Bends (AB-3A & Ab-3B) for weld deposit in corroded area and cladding with 5mm thick stainless-steel plates	24.71	

3	Erection of 3 No. of Bunds and Dewatering Arrangement in HPT to facilitate erection, welding & testing activities.	33.67	Annexure-J-2
4	Erection of Cooling Water Inlet Pipe Tapping from Penstock for Both Units including welding with Penstock and MPI testing of the weld deposit.	8.11	
5	Re-rolling of ferrules (F-103 to MU-14) in U/G Inclined & Horizontal Penstock Section due to reduction in steel in-liner dia. from 2.5 m to 2.45 m	38.61	
6	Conduction of Magnetic Particle Examination of all field CS joints of Surface Penstock as per requirement of Technical Specifications	1181.35	
7	Erection of Penstock Drain Pipe for Both Units including welding with Penstock and MPI testing of weld deposit.	8.50	

b) Gate works as executed under contract "Repair of HM Components (Gates) under R&M of Khandong Power Station (2 x 25 MW) ".

Following Extra Items were required to be executed for completion of work-

- Extra Item No. 2- Enabling works like arranging winch, working platform.
- Extra Item No, 3- Works of Intake Stoplog Gate
- Extra Item No. 12,13, 14- Works of Intake Bulkhead Gate
- Extra Item No. 15- Erection of Steel Liner
- Extra Item No. 16- Replacement of Wire Rope

The total Financial Involvement is Rs. 143.35 Lakhs

Annexure- J-3, J-4, J-5, J-6, J-7, J-8

c) Gate works as executed under contract "Renovation and Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station(2x23MW)

Following Extra Items were required to be executed for completion of work-

- Extra Item No. 1, 2- Installation of Thruster Brake and painting of Surge Shaft Gate

The total Financial Involvement is Rs. 5.34 Lakhs

(Annexure- J-9)

II. ***Civil Works***

a) Surface excavation in all kinds of soil- As per decision of the D&E wing removal of entire Y-Piece was required to be taken up, further work was executed as Extra item due to absence of specific Item of work in BOQ. Total Financial involvement is Rs. 11.79 Lakhs ***(Annexure J-10)***

b) Dismantling of stone masonry with hydraulic breaker- As per decision of D&E wing, stone masonry above the HPT portal was required to be dismantled. Further, this work was executed as Extra item due to absence of specific Item of work in BOQ. Total Financial involvement is Rs. 16.23 Lakhs ***(Annexure J-10)***

c) Waterproofing works using Xypex materials- 3 nos. of items of waterproofing, i.e. Xypex Patch N Plug, Xypex Megamix-II & Xypex Grout were executed as extra item, due to absence of specific item in BOQ. Total Financial involvement is Rs. 35.38 Lakhs
(Annexure J-11)

d) Waterproofing works of Expansion Joints- Work was executed using Filler Boards, Polysulphide Sealant, Joint membrane of horizontal & vertical joints of PH. Total Financial involvement is Rs. 34.14 Lakhs ***(Annexure J-12)***

e) False Ceiling & Partition Works- Work was executed as Extra item due to absence of specific Item of work in BOQ. Total Financial involvement is Rs. 2.76 Lakhs.

(Annexure J-13)

f) Steel work in built up section- Work executed for erection of Hatch Cover and Railing at Powerhouse. Work was executed as Extra item due to absence of specific Item of work in BOQ. Total Financial involvement is Rs. 39.14 Lakhs.
(Annexure J-14)

g) Excavation for new access road behind the Khandong Power House building- Work was executed as Extra item due to absence of specific Item of work in BOQ. Total Financial involvement is Rs. 10.06 Lakhs ***(Annexure J-11)***

h) PVC Components- Items like PVC Pipes, PVC bend, PVC TEE etc. was required to be executed as Extra item due to absence of specific Item of work in BOQ. Total Financial involvement is Rs. 2.89 Lakhs ***(Annexure J-14)***

i) Additional works- Construction of Gabion Structure at Y- Piece, Const. of Retaining Wall, Construction of CC drain, restoration/repairing of HRT, debris cleaning etc. These works are necessitated to be executed for successful completion of the work. Total variation amount is Rs. 897.07 Lakhs
(Annexure J-15)

vi) Statutory Levies: (+) (Rs 271.85 Lakhs): The increase in cost is due to payment towards GST etc.

26.5 **K-Building: (Variation: (+) Rs.139.63 Lakhs.):** The provisions under this head covers the cost towards RCC foundation work for the porta cabin construction, new Kiosk building construction, extension of Kiosk room for accommodation of panels of Switch-Yard etc. required during the construction phase of R&M works. Actual cost incurred as on date is Rs.110.19 lakhs and Rs. 29.44 Lakh has been provisioned against committed liabilities. Hence, total cost under this head is Rs 139.63 lakhs with positive cost overrun of Rs. 139.63 Lakhs

The Positive cost overrun has occurred due to the following:

i. **Price Escalation**: Nil.

ii. Inadequate/ Over Provision: Nil

iii. **Addition / Deletion: Positive variation (+) Rs. 118.33 lakhs:**

a) Construction of Kiosk Building at Khandong PS

b) Miscellaneous works like False Ceiling at Kiosk Building, Extension of Old Kiosk Building & Construction of Foundation for Porta Cabin

(Annexure- K)

iv. **Statutory Levies: (+)** Rs 21.30 Lakhs

The increase in cost is due to payment towards GST etc. for the above executed works.

26.7 O-Miscellaneous: (Variation of Rs 4764.29 Lakhs)

The provisions under this head cover the capital cost & maintenance of water supply

Sewage disposal and drainage works, Recreation, Medical, Firefighting equipment,

Inspection vehicles, School bus, pay van visit of dignitaries, Security Arrangement, Welfare works etc.

There is NIL amount provisioned under the CEA approved cost under O-Miscellaneous

head. The expenditure under this head as on date is Rs. 4757.04 Lakh and there is a provision of Rs 7.25 Lakh as committed liabilities against electricity bill of APDCL.

Therefore, total cost under this head is Rs 4764.29 Lakhs. Hence, there is an increase of Rs. 4764.29 Lakhs with respect to CEA approved cost under this head.

The main reasons of increase in cost is are due non-provision of amount under this head and other expenditure against the works - due to security arrangement (Rs.560.83 Lakhs), construction power and its R&M (Rs. 87.07 Lakhs), miscellaneous corporate expense (Rs 1438.16 Lakhs), Hired vehicles charges (Rs.318.26 Lakhs) and other miscellaneous works under this head.

26.8 P-Maintenance During Construction: (Variation: NIL):

NIL amount approved in this head and the no expenditure incurred in this head

26.9 Q-Special Tools & Plant: (Variation: NIL):

NIL amount approved in this head and the no expenditure incurred in this head.

26.10 R-Communication: (Variation: NIL)

NIL amount approved in this head and the no expenditure incurred in this head.

26.11 X- Environment & Ecology (Variation: (+) Rs. 10.00 Lakhs):

This head covers the cost incurred under the items like compensatory afforestation, catchment area treatment, reservoir rim treatment, fisheries development, environment monitoring etc. However, an expenditure Rs 6.08 Lakhs was incurred under this head as on COD and a provision of Rs 3.92 Lakhs is kept as liability/balance. Hence the total variation of Rs 10.0 lakhs under this head and NIL amount was provisioned under this head by CEA.

Y – Losses on Stock: (Variation: NIL)

No losses on stock occurred.

26.12 Audit and Account charges: Variation: NIL)

No amount was approved by CEA and no expenditure has been incurred in this head.

26.13 Electro-Mechanical (EM) Works: Total variation of Rs 3917.28 Lakhs.

The total revised cost for EM works (including Insurance, GST, Establishment cost and Audit Charges) is Rs. 22759.51 Lakhs against approved cost of Rs. 18842.23 Lakhs. There is a variation of Rs. 3917.28 Lakhs which are attributed to the following heads as given below:

A. Variation due to Price Escalation: (+) Rs. 277.16 Lakhs

There is an increase in project cost due to price escalation of some items as per contract agreement of Electro-Mechanical works.

B. Variation due to Under provision: (+) Rs. 2935.61 Lakhs

There is both under-provision and over-provision in certain items. Overall, the increase in the project cost is primarily attributed to rising rates at the time of order for numerous items, as detailed in the supporting documents referenced under the column heading 'Ref. of Supporting documents' in the attached calculation sheets S1, S2, S3, etc.

a) **Annex – S (1) -** There is an overall increase of Rs. 13.85 lakh in this head due to under-provision on the following main works:

i. Phased Array UT scan of Spirals (Rs 20.53 L). (Ref. Sl. No.1 under Design & Consultancy Charges).

b) **Annex – S (2) –** There is over-all decrease of (-) Rs. 74.75 Lakh under this head due to over-provision.

c) **Annex - S (3) - Auxiliary electrical equipment for Power Station:** There is an overall increase of Rs. 938.82 Lakhs in this head due to under-provision on the following main works, despite over-provision on a few items:

i. 28.5 MVA, 11/132 kV 3 phase ONAN (Rs 296.51 L) - (**Ref. Sl. no. 1**).
ii. Unit Auxiliary Transformer 630 kVA, 11/0.415 kV 3 ph. Dry Type (Rs 33.6 L) - (**Ref. Sl. no. 2**).
iii. LTAC SSB for Station Supply (Rs 90.51 L) - (**Ref. Sl. no. 4 i)**).
iv. 33 kV 200-100/1-1-1 Amps Polymer Insulator CT along with Terminal Connector for Racoon Conductors (Rs 79.1 L) - (**Ref. Sl. no. 4j)**).
v. 10 kVA Inverter (Rs 18.01 L)- (**Ref. Sl. No. 5 a)**)
vi. 75 Amps Float cum Boost Charger Panel for 220 V DC System (Rs 17.95 L)- **(Ref. Sl. No. 5 b1)**).
vii. 220 V, 400 AH VRLA Battery Bank consisting of 110 nos. cell along with 4 nos. spare cells, rack/stand, cables and accessories (Rs 56.01 L) - (**Ref. Sl. no. 5 b2)**.
viii. 220 V DC distribution board (Sets) (Rs 14.98 L)- (**Ref. Sl. No. 5 b3)**)
ix. Power and Control Cables (Rs 300 L)- (**Ref. 7(a)**).
x. Repair/Refurbishment, testing of Station grounding & earthing system, procuring electrical insulating mat, etc. (Rs 17.55 L) - (**Ref. Sl. no. 10(a)**).
xi. Illumination of PH Complex, BFV House Chamber, Pothead Yard and Dam Site (Rs 69.19 L)- **(Ref. Sl. No.11).**

d) **Annex - S (4) - Auxiliary Mechanical equipment and services for power station:** There is an overall increase of Rs. 28.57 Lakh in this head due to under-provision on the following main works, despite over-provision on a few items:

i. Refurbishment of Electrical Overhead Travelling Crane for PH (Capacity 125 / 25 T) (Rs 75.39 L) - (**Ref. Sl. no. 1**).
ii. Upgradation of Emulsifier System and Portable Fire Extinguishers (Rs 6.34 L)- **(Ref. Sl. No. 5a)**).
iii. HVAC with centralized Air Conditioner, Ventilation Ducts, cassette dispensers Etc. (Rs 137.48 L)- (**Ref. Sl. No. 6)**).
iv. Air Dryer/ Dehumidifier for turbine pit (Rs 8.97 L)- (**Ref. Sl. No. 6b)**).
v. Transformer Oil Filtration Plant (6000 LPH) (Rs 20.38 L)- (**Ref. Sl. No. 8(a)**).
vi. Transformer Oil Storage Tank (30 kl) (Rs 44.3 L)- (**Ref. Sl. No. 8(b)**).

e) **Enabling Works (EM) and Dismantling Charges:** There is over-all decrease of (-) Rs. 377.78 Lakhs due to over-provision under this head.

f) **Erection and commissioning (E&C) charges with E&C Tax:** There is an over-all increase of Rs. 314.75 Lakhs in erection & commissioning charges due to under-provision:

i. Repair of top cover sitting area of Unit-2 (In situ machining) (Rs 82.36 L)- (**Ref. Sl. No. 1 a.1.16) under Annex S2**).
ii. Bus-duct System (Rs 37 L)- (**Ref. Sl. No.2.e under Annex S2**).
iii. Surge protection and V.T Equipment (LAVT) (Rs 24.84 L)- (**Ref. Sl. No. 2.a under Annex S2)**).
iv. Drainage & Dewatering Systems (Rs 110.34 L)- (**Ref. Sl. No. 1 d under Annex S2)**.

C. Variation due to Addition / Deletion: (+) Rs. 369.55 Lakhs

There are both additions and deletions of certain items. The overall increase in the project cost is due to the necessity for executing additional new works/items as detailed in the supporting documents referred under the column heading 'Ref. of Supporting Documents' in the attached calculation sheets S1, S2, S3, etc.

a) **Annex S (2) -** There is an increase of Rs. 316.19 L under this head due to the following main works*:*

i. Generator Access Door (Rs 41.54 L)- (**Ref. Sl. No. 1**).
ii. Bus Duct System (Rs 254.57 L)- (**Ref. Sl. No. 2**).
iii. Additional 75" LVS with Workstations & shifting of workstations (Rs 3.6 L)- (**Ref. Sl. No. 3(e)-1&2**).
iv. 250 NB Globe Valves for By-Pass Line, machining of valve & servomotor base plate, hole making (Rs 11.87 L)- (**Ref. Sl. No. 7**).
v. Procurement of Energy Meters as per IEGC (Rs 4.6 L)- (**Ref. Sl. No. 4©)**

b) **Annex S (3) - Auxiliary electrical equipment for power station:** There has been an increase of Rs. 95.54 Lakh under this head due to the addition of the following main works:
i. Procurement of GT Marshalling Box for GT Unit 1 (Rs 10.69 L)- (**Ref. Sl. no. 1(d)**).
ii. ACDB for SY Kiosk Room (Rs 1.97 L)- (**Ref. Sl. No. 4 g-1**).
iii. Outdoor type 33 KV Vacuum CB Siemens make (17.20 L)- (**Ref. Sl. No. 4(m)**).
iv. 160 KV DG Set for Khandong Valve House (Rs 19.48 L)- (**Ref. Sl. No. 6(c)**).
v. Repairing / Refurbishment of DG Set after flood damage (Rs 8.53 L)- (**Ref. Sl. No. 6(d)**).
vi. Procurement of MS flat/angle/channel for Earthing (Rs 26.22 L)- (**Ref. Sl. No. 10(a)**).
vii. Procurement of Electrical Insulating Mat (Rs 4.91 L)- (**Ref. Sl. No. 10(a)**).
viii. Brick Work for Cable Trench for 132 kV Bays (Rs 2.35 L)- (**Ref. Sl. No. 10(a)**).

ix. Construction of Earth pit for 132 kV LA (Rs 4.19 L)- (**Ref. Sl. No. 10(a)**).

c) **Annex S (5) - Auxiliary electrical equipment for power station:** There has been an increase of Rs. 42.61 Lakh under this head due to the addition of the following main works:
   i. Procurement of 145KV 5 core CT for SST HV bays (Rs 29.67 L)- (**Ref. Sl. No. 1 c 2-1)**).
   ii. Bay marshalling KIOSK (RS 12.95 L)- (**Ref. Sl. No. 1 f1-1)**).
d) There is a decrease of amount of (-) Rs 84.19L against the Audit & Accounts charges. Since no expenditure is booked under this head against EM works.

D. Statutory Levies: The amount against statutory Levies/GST is Rs. 334.94 Lakh.

26.14 Establishment cost of Civil & HM + EM Work+ HQ Share.

The total cost of establishment under Civil & HM, EM works is amounting **to Rs 6736.39 Lakh**

The Basic Establishment Cost (BEC-C) of the civil works has been worked out as given below:

Cost of Civil works = I Works – B Land (Rs. 15551.77 – 0 (Lakhs))
= Rs. 15551.77 Lakhs
BEC-C = 8.00% of Civil works
= 1244.14 Lakhs

Add for Scattered Works: Additional 1% of BEC-C per km for HRT/tunnels length more than 5 km or total approach road length more than 10 km.

Approach Road Length:

Distance from KHPS colony to Khandong Power Station	10.7 km
Distance from Khandong PH to Khandong Dam	6.0 km
Distance from Khandong PH to Valve House	1.0 km
Distance from Khandong PH to Surge Shaft	1.5 km
Total	19.2 km

Total approach road less 10 km (19.2 – 10) = 9.2 km

Scattered Works =1% of BEC-C per km
=1% of 1244.14 x 9.2 lakhs
=114.46 lakhs

Total establishment cost for Civil Works: Rs 1358.6 lakhs

Similarly, the Basic Establishment Cost (BEC-E) of the EM works has been worked out as below.

Basic Establishment Cost-EM = 6% of EM Woks i.e. 18966.98 lakhs

= Rs. 1138.02 lakhs

Total establishment cost for EM Works as per CEA norms: Rs 1138.02 lakhs.

Hence, the total establishment cost as per CEA norms, worked out as Rs.2496.62 lakhs.

However, actual cost incurred under Establishment head is **Rs 6736.39 lakhs (Including EM+CIVIL+HQ Share)** as on COD. The cost of establishment includes salary and wages, welfare schemes apart from increment and dearness allowances as per Government policy. Further, it is to be mentioned that **the establishment cost under the Civil works was not provisioned / approved under the total cost approved by CEA under Civil works**. As such, actual expenditure of Rs 6736.39 lakhs have been included in the project cost.

All Annexures related to cost over run is provided as per the Index .

26.15 V – RECIEPTS AND RECOVERIES:

This head is meant to account for estimated recoveries by way of resale or transfer of temporary buildings and special T&P. Miscellaneous receipts like rent charges of buildings electricity charges etc. should also be accounted for under this head.

For R&M of Khandong Power Station Nil amount has been approved by CEA.

26.26 IDC &FC:

As NIL amount was allocated / approved against soft cost that comprise mainly of IDC and FC.

As on Aug' 25, the actual expenditure incurred under this head is Rs 7.25 Cr.

27. **TIME OVERRUN.**

Zero Date	Original Commissioning Schedule	Sanctioned Construction Period Prior Inundation	Revised Commissioning Schedule after Inundation
01.04.2022	31.03.2024	24months	24 months for First Unit and 26 months for Second Unit from the date of issue of LOI i.e. 11.05.2023 of EM package.

Original COD Prior Inundation	Revised COD after inundation	Actual COD	Actual Construction Period	Time Overrun w.r.to COD (in months)	Remark
Unit-1: 31.03.2024	11.05.2025	13.07.2025	13.07.2025	2 months, 2 days	While R&M works were going on based on In-principle approval from CEA, major damages to the power plant were caused due to inundation by an unprecedented flood on 26-03-2022
Unit-2: 31.03.2024	11.07.2025	30.08.2025	30.08.2025	40 days	
Project: 31.03.2024				**40 days**	

The approved construction program of work by CEA before inundation is attached at **Annexure-A**

Reason of Delay:

The delay from the Revised Completion Period i.e. 11.07.2025, primarily due to following reasons:

a. Difficulties in erection of newly supplied Lower Ring (Pivot Ring) and Head Cover (Top Cover) of Unit-I due to undulation in non-replaceable Stay Rings of Spiral Casing took more than 25 days extra time.
b. Water was made available in the upstream of Main Inlet Valve (MIV) on 21.05.2025. However, during observation time for leakages in the penstock and other areas, it was observed that, a pinhole leakage was observed in the MIV inlet pipe located on the upstream side of the MIV. Subsequent MPT testing at site revealed multiple hairline cracks in the welding joints of upstream pipe which later on expert team of M/s Voith decided that was not repairable at site.

   As this section of the pipe lies in a high-pressure zone, the inlet piece had to be dismantled and transported to the Voith workshop at Vadodara for necessary rectification. The rectified inlet pipe was received at site on 20.06.2025 and after erection testing and commissioning Unit-I declared COD on 13.07.2025 with a delay of 2 months 2 days.

c. When fault was detected in the upstream pipe of MIV of Unit-I, the same pipe along with MIV of Unit-II was supposed to undergo under hydro test at Voith Works, Vadodara. After extensive testing and investigation at their works similar issues was observed in the upstream pipe of MIV of Unit-II, which was refabricated and after necessary testing the same was dispatched to site. In the process Station COD was declared on 30.08.2025 and Completion of R&M Works of Khandong Station got delayed by 40 days only w.e.t. completion schedule of EM package.
d. The time line required was re-assessed based on minimum time required for re-engineering, design manufacture, supplying & commissioning of E/M Equipment's, and based on that LOI for major EM package was placed to M/s Voith on 12.05.2023 with completion date 11.07.2025. Therefore, time overrun beyond 11.07.2025 to 30.08.2025 is mainly due to various site conditions.

Approval of the revised RCE :- The revised cost estimate on completed cost has been prepared and will be put up for Board approval in the coming Borad Meeting. After the approval of the board the same will be submitted to CEA for vetting of the completed cost.

28.Installed Capacity & Design Energy

The original installed capacity of the Plant was 50 MW (23 MWx2) with an annual Design Energy of 277.61 MU. The entire Khandong system was already highly stressed with very high velocity in Water Conductor System (WCS) and resultant

head loss and underachievement of capacity. Therefore, the scope of increase of Installed Capacity is not envisaged and the focus shall be to generate more power in upgraded new machines with higher efficiency.
The average annual generation by the Power Plant in the last 10 years is 175.132 MU. The Plant never ever achieved its design energy. Considering historical average energy and annual generation as suggested in enclosed power potential and water availability study, and based on revised hydrology data and power optimization studies carried out as detailed in the DPR, the R&M proposal envisages an Installed Capacity of 46 MW (2x23 MW) with 110% overload capacity and an annual Design Energy of 209.87 MUs on 90% dependable year basis with 95% machine availability.

However, finally based on revised hydrology data and power optimization studies in respect of the Renovation & Modernization and life extension works the Annual Design Energy has been modified to **217 MU** and reduced the installed capacity to 46 MW(23 MW x2) vide letter no. CEA-HY-12-33/1/2021-HPA Division dated 14/09/2021 (**Annexure- J**)

29. Estimated Life Extension

The life of the generating station is estimated to be extended by 40 years after completion of R&M works commensuration to the life extended for 40 Years after R&M of 200 MW Kopili HPS by the Hon'ble Commission (**Annexure-K**).

30. Project Financing

The project is proposed to be financed through loan .For purpose of tariff calculations 70: 30 Debt: Equity ratio has been considered. No foreign financing is envisaged and hence FERV has not been taken into consideration.

Capital Cost and AFC:-

The Petitioner has claimed Capital cost from the actual COD of the first unit i.e. 13.07.2024 to 31.03.2029 as per the table below:-

S. No.	Particulars	13.07.2025 to 29.08.2025 Unit-I	30.08.2025 TO 31.03.2026 Unit II	2026-27	2027-28	2028-29
1	Opening Capital Cost (Rs Cr)	380.13	520.02	520.02	520.02	520.02
2	Add: Addition during the year/period (Rs Cr)	0.00	0.00	0.00	0.00	0.00
3	Less: Decapitalisation during the year/period (Rs Cr)	0.00	0.00	0.00	0.00	0.00
4	Less: Reversal during the year/period (Rs Cr)	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year/period (Rs Cr)	0.00	0.00	0.00	0.00	0.00

6	Closing Capital Cost (Rs Cr)	380.13	520.02	520.02	520.02	520.02

Based on the capital cost and Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 the Annual Fixed Cost is calculated as per the following:-

Particulars	**13.07.2025 to 29.08.2025 Unit-I**	**30.08.2025 to 31.03.2026 Unit II**	**2026-27**	**2027-28**	**2028-29**
Depreciation	**2.73**	**16.66**	**28.63**	**28.63**	**28.63**
Interest on Loan	**1.82**	**13.26**	**21.33**	**19.57**	**17.83**
Return on Equity	**3.02**	**18.70**	**32.14**	**32.14**	**32.14**
Interest on Working Capital	**0.18**	**1.36**	**2.37**	**2.40**	**2.44**
O & M Expenses	**1.45**	**13.17**	**23.95**	**25.35**	**26.84**
Security Expenses	**0.05**	**0.43**	**0.78**	**0.82**	**0.86**
Insurance Expenses	**0.90**	**4.08**	**7.00**	**7.00**	**7.00**
Annual Fixed Charges including Security and Insurance Expenses	**10.15**	**67.66**	**116.19**	**115.91**	**115.74**

31. It is submitted that the petitioner has paid the requisite filing fee in compliance of Regulation 3 of CERC (Payment of Fees) Regulation 2012 amounting to ₹ 90,28,800/- deposited through SAUDAMINI e-filling portal for payment of annual application fees for determination of Tariff for the FY 2024-25 and detail of the same has been communicated to the Hon'ble Commission vide letter no. NEEPCO/ED/COMML/F-41/2024-25/42 dtd 10/04/2024 in respect of generating stations of NEEPCO.

PRAYER

The Petitioner, therefore, most humbly prays before the Hon'ble Commission to consider the facts brought out in the preceding paragraphs and be pleased to:

1. Approve the Renovation & Modernization for Life Extension of the 2x23 MW Khandong Hydro Power Station

2. Approve the completed project cost of Rs. 520 crore on cash basis and allow Annual Fixed Cost for the period from 13.07.2025 to 31.03.2029

3. Approve the Life extension of the plant by another 40 years in line with the life extension allowed for Kopili Hydro Power Station.

4. Allow recovery of filing fees relating to the period of 2024-29 from the beneficiaries as and when the same paid to the Hon'ble Commission.

5. Allow recovery from the beneficiaries the publication expenses incurred with regard to this petition.

6. Allow recover from the beneficiaries any levies, tax, cess etc., if any.

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

THROUGH

Place: Guwahati
Dated:

(Ripunjoy Bhuyan)
Head of Commercial Dept.

PART-II
FORM- 1

Summary of Tariff

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KHANDONG HYDROPOWER STATION (2 X 23 MW)
Region - North Eastern Region, State: Assam, District: Dima Hasao.
COD

Rs. In Lakhs

S. No.	Particulars	13.07.2025 to 29.08.2025 Unit-I	30.08.2025 to 31.03.2026 Unit II	2026-27	2027-28	2028-29
1.1	Depreciation	272.71	1666.12	2862.91	2862.91	2862.91
1.2	Interest on Loan	182.18	1325.75	2133.27	1956.66	1782.99
1.3	Return on Equity	301.66	1870.19	3213.57	3213.57	3213.57
1.4	Interest on Working Capital	18.37	135.54	236.68	240.32	244.37
1.5	O & M Expenses	145.26	1316.57	2394.96	2535.31	2683.88
1.6	Annual Fixed Charges before Secuirty and Insurance Expenses	920.18	6314.17	10841.39	10808.76	10787.71
1.7	Security Expenses	4.63	42.85	77.65	81.90	86.38
1.8	Insurance Expenses	90.14	408.49	700.00	700.00	700.00
1.8	Annual Fixed Charges including Secuirty and Insurance Expenses	1014.94	6765.51	11619.04	11590.66	11574.09

Note: Details of calculations, considering equity as per regulation, to be furnished.

(Petitioner)

Statement Showing Claimed Capital Cost (A+B)

PART-II

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD. **FORM- 1(I)**

Name of the Generating Station : KHANDONG KYDROPOWER STATION (2 X 23 MW)

Rs. in Lakh

S. No.	Particulars	13.07.2025 to 29.08.2025 Unit-I	30.08.2025 TO 31.03.2026 Unit II	2026-27	2027-28	2028-29
1	Opening Capital Cost	38012.81	52001.79	52001.79	52001.79	52001.79
2	Add: Addition during the year/period	0.00	0.00	0.00	0.00	0.00
3	Less: Decapitalisation during the year/period	0.00	0.00	0.00	0.00	0.00
4	Less: Reversal during the year/period	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year/period	0.00	0.00	0.00	0.00	0.00
6	Closing Capital Cost	38012.81	52001.79	52001.79	52001.79	52001.79
7	Average Capital Cost	38012.81	52001.79	52001.79	52001.79	52001.79

Statement showing claimed capital cost eligible for R.o.E at normal rate (A)

Rs. in Lakh

S. No.	Particulars	13.07.2025 to 29.08.2025 Unit-I	30.08.2025 TO 31.03.2026 Unit II	2026-27	2027-28	2028-29
1	Opening Capital Cost	38012.81	52001.79	52001.79	52001.79	52001.79
2	Add: Addition during the year/period	0.00	0.00	0.00	0.00	0.00
3	Less: Decapitalisation during the year/period	0.00	0.00	0.00	0.00	0.00
4	Less: Reversal during the year/period	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year/period	0.00	0.00	0.00	0.00	0.00
6	Closing Capital Cost	38012.81	52001.79	52001.79	52001.79	52001.79
7	Average Capital Cost	38012.81	52001.79	52001.79	52001.79	52001.79

Statement showing claimed capital cost eligible for RoE at One Year MCLR+350 bps subject to ceiling of 14.00% (B)

Rs. in Lakh

S. No.	Particulars	13.07.2025 to 29.08.2025 Unit-I	30.08.2025 TO 31.03.2026 Unit II	2026-27	2027-28	2028-29
1	Opening Capital Cost	**NIL**				
2	Add: Addition during the year/period					
3	Less: Decapitalisation during the year/period					
4	Less: Reversal/undischarged laibilities during the year/period					
5	Add: Discharges during the year/period					
6	Closing Capital Cost					
7	Average Capital Cost					

(Petitioner)

Statement Showing Return on Equity at Normal Rate

PART-II
FORM- 1(II)

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KHANDONG HYDROPOWER STATION (2 X 23 MW)
COD 30.08.2025

Statement showing Return on Equity at Normal Rate

Rs.in Lakh

S. No.	Particulars	13.07.2025 to 29.08.2025 Unit-I	30.08.2025 TO 31.03.2026 Unit II	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	Gross Opening Equity (Normal)	11403.84	15600.54	15600.54	15600.54	15600.54
2	Less : Adjustment in Equity					
3	Adjustment during the year	0.00	0.00	0.00	0.00	0.00
4	Net Opening Equity (Normal)	11403.84	15600.54	15600.54	15600.54	15600.54
5	Add : Increase due to addition during the year / period	0.00	0.00	0.00	0.00	0.00
6	Less : Decrease due to de-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
7	Less : Decrease due to undischagre/ reversal during the year / period	0.00	0.00	0.00	0.00	0.00
8	Add : Increase due to discharges during the year / period	0.00	0.00	0.00	0.00	0.00
9	Net closing Equity (Normal)	11403.84	15600.54	15600.54	15600.54	15600.54
10	Average Equity (Normal)	11403.84	15600.54	15600.54	15600.54	15600.54
11	Rate of ROE	20.599%	20.599%	20.599%	20.599%	20.599%
12	**Total ROE annualised**	**301.66**	**1870.19**	**3213.57**	**3213.57**	**3213.57**

Statement showing claimed capital cost eligible for RoE at One Year MCLR+350 bps subject to ceiling of 14.00% (B)

S. No.	Particulars	13.07.2025 to 29.08.2025 Unit-I	30.08.2025 TO 31.03.2026 Unit II	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	Gross Opening Equity [pertaining to Proviso to Regulation 30(2)]					
2	Less : Adjustment in Equity					
3	Adjustment during the year					
4	Net Opening Equity					
5	Add : Increase in equity due to addition during the year / period					
6	Less : Decrease due to de-capitalisation during the year / period					
7	Less : Decrease due to undischagre/ reversal during the year / period			NIL		
8	Add : Increase due to discharges during the year / period					
9	Net closing Equity [pertaining to Proviso to Regulation 30(2)]					
10	Average Equity [pertaining to Proviso to Regulation 30(2)]					
11	Rate of ROE (weighted average rate of interest on actualloan potfolio)					
12	**Total ROE**					
13	**Total ROE FOR THE PERIOD**					

Note:
1. Adjustment of equity as perProviso to Regulation 18(3) of 2019 Tariff Regulations.
2. With respect to Equity infusion, the Generating Company is required to substantiate with supporting documents such as boards resoluton, balance sheet/ reconciliation statement with balance shheet.

(Petitioner)

PART-II
FORM-2

Details of COD, Type of Hydro station, Normative Annual Plant Availability Factor (NAPAF) & Other normative parameters considered for tariff calculation

Name of the Petitioner : **NORTH EASTERN ELECTRIC POWER CORPORATION LTD.**
Name of the Generating Station : **KHANDONG HYDROPOWER STATION (2 X 23 MW)**

	Particulars	Unit	Existing 2018-19	2024-2029		
	(1)	(2)	(3)	(4)	(5)	(6)
1	Installed Capacity	MW	50 (2x25 MW)	46 (2x23 MW)		
2	Free power to home state	%	12%	12%		
3	Free power under Local Area development Fund (LADF)					
4	Date of commercial operation (actual/anticipated)					
	Unit - 1		08.03.1984	Reconstruction, Renovation and Modernisation works,COD on 13/07/2025		
	Unit - 2		03.05.1984	Reconstruction, Renovation and Modernisation works,COD on 30/08/2025		
5	Type of Station					
	a) Surface / underground		Surface	Surface		
	b) Purely ROR / Pondage / Storage		Storage	Storage		
	c) Peaking / non-peaking		Peaking	Peaking		
	d) No. of hours of peaking		3	3		
	e) Overload capacity (MW) & period		Rated = 2 x 25.3 MW	Rated = 2 x 25.3 MW		
6	Type of excitation					
	a) Rotating exciters on generator					
	b) Static excitation		Static	Static		
7	Design Energy (Annual) [1]	GWh	277.61	217		
8	Auxiliary Consumption including Transformation losses	%	1	1.00		
9	Normative Plant Availability Factor (NAPAF)	%	69	53.85		
9.1	Maintenance Spares for WC	% of O&M				
9.2	Receivables for WC	in Months				
9.3	Base Rate of Return on Equity	%				
9.4	Base Rate of Return on Equity on Add. Capitalization					
9.5	Tax Rate [2]	%				
9.6	Effective Tax Rate [4]					
9.7	SBI Base Rate + 350 basis points as on_____ [3]	%				

(Petitioner)

PART-II
FORM-3

Salient Features of Hydroelectric Project

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KHANDONG HYDRO POWER STATION(2 X 23 MW)

1. Location	
State / Distt.	Assam/Dima Hasao
River	Kopili
2. Diversion Tunnel	
Size, shape	NIL
Length (M)	
3. Dam	
Type	Concrete Gravity
Maximum dam height (M)	66.00 Mtrs
4. Spillway	
Type	OGEE
Crest level of spillway (M)	El. 719.33 Mtrs
5. Reservoir	
Full Reservoir Level (FRL) (M)	El. 725.0 Mtrs
Minimum Draw Down Level (MDDL) (M)	El. 704.45 Mtrs
Live storage (MCM)	179.23
6. De - silting Chamber	
Type	NA
Number and Size	
Particle size to be removed (mm)	
7. Head Race Tunnel	
Size and type	Dia: 4.5 Mtr, Circular
Length (M)	2699.58 Mtr
Design discharge (Cumecs)	70
8. Surge Shaft	
Type	Simple
Diameter (M)	Dia: Riser 10.00 Mtr & Expansion Chamber 20.00 Mtr
Height (M)	82.4 mtr
9. Penstock / Pressure shafts	
Type	Circular (Steel Lined)
Diameter & Length (M)	Dia: 2.50 Mtr and length 130.42 Mtr
10. Power House	
Installed capacity (No of units X MW)	2 X 23 MW
Type of turbine	Francis (Vertical Shaft)
Rated Head (M)	88.42
Rated Discharge (Cumecs)	28.9
Head at Full Reservoir Level (M)	88.42
Head at Minimum Draw down Level (M)	
MW Capability at FRL	46
MW Capability at MDDL	
11. Tail Race Tunnel / Channel	
Diameter (M), shape	i) 6.5 dia and 105m long 1 in 450 slope ii) Twin duct rectangular 2.6x6.5m 100 m long iii) Open channel 32m bed width 166 m long
Length (M)	
Minimum tail water level (M)	
12. Switchyard	
Type of Switch gear	Outdoor
No. of generator bays	2
No. of Bus coupler bays	1
No. of line bays	3+2
Efficiency (overall) Turbine and generator	91.21

(Petitioner)

PART-II
FORM- 5A

Abstract of Capital Cost Estimates and Schedule of Commissioning for the New Projects

Name of the Petitioner NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station **Khandong Hydro Power Station (2x23 MW)**

New Projects
Capital Cost Estimates

Board of Director/ Agency approving the Capital cost estimates:	CENTRAL ELECTRICITY AUTHORITY	
Date of approval of the Capital cost estimates:	14/07/23 FOR CIVIL & HM WORKS; 18/11/22 FOR E&M WORKS	
	Present Day Cost	**Completed Cost**
Price level of approved estimates	March-2022 for EM & March-2023PI for Civil	As on Actual COD of the Station
Foreign Exchange rate considered for the Capital cost estimates	NA	NA
Capital Cost excluding IDC, IEDC& FC		
Foreign Component, if any (In Million US $ or the relevant Currency)	0	0
Domestic Component (Rs. Lakh)	27774.53	25674.45
Capital cost excluding IDC,IEDC,FC, FERV & Hedging Cost (Rs. Lakh)	27774.53	25674.45
IDC, IEDC, FC, FERV & Hedging Cost		
Foreign Component, if any (In Million US $ or the relevant Currency)	0	
Domestic Component (Rs. Lakh)	0.00	13703.14
Total IDC, FC, FERV & Hedging Cost (Rs. Lakh	0.00	13703.14
Rate of taxes & duties considered		
Capital cost Including IDC, IEDC, FC, FERV & Hedging Cost		
Foreign Component, if any (In Million US $ or the relevant Currency)		
Domestic Component (Rs. Lakh)	27774.53	39377.59
Capital cost Including IDC, IEDC& FC (Rs. Lakh)	39377.59	
Schedule of Commissioning		
Scheduled COD of Unit - I		13 July 2025
Scheduled COD of Unit - II		30 August 2025
Scheduled COD of last Unit / Station		30 August 2025

Note:
1. Copy of approval letter should be enclosed
2. Details of Capital Cost are to be furnished as per FORM-5B or 5C as applicable
3. Details of IDC & Financing Charges are to be furnished as per FORM-14.

(Petitioner)

Break-up of Capital Cost for New Hydro Power Generating Station

Name of the Petitioner NORTH EASTERN ELECTRIC POWER CORPORATION LTD
Name of the Generating Station KHANDONG HYDROPOWER STATION (2 X 23 MW)

(Amount in Rs Lakh)

S. No. (1)	Break Down (2)	Original Cost as approved by Authority/Investment Approval (3)	Actual Capital Expenditure Unit I (COD 13.07.2025)	Actual Capital Expenditure Unit II (COD 30.08.2025)	Total Capital Expenditure on station COD	IEDC threin	Total Capital Expenditure on station COD before IEDC and IDC	Liabilities/ Provisions (5)		Reasons for Variation (7)
1.0	**Infrastructure Works**									
1.1	Preliminary including Development									
1.2	Land*									
1.3	R&R expenditure									
1.4	Buildings									
1.5	Township									
1.6	Maintenance									
1.7	Tools & Plants									
1.8	Communication									
1.9	Environment & Ecology									
1.10	Losses on stock									
1.11	Receipt & Recoveries									
1.12	**Total (Infrastructure works)**									
2.0	**Major Civil Works**									
2.1	Dam, Intake & De-silting Chambers									
2.2	HRT, TRT, Surge Shaft & Pressure shafts									
2.3	Power Plant civil works	8062.5	10523.56	924.38	11447.94	2713.30	8734.64		-2461.06	
2.4	Other civil works (to be specified)	869.7	463.28	14.53	477.81	48.80	429.01		406.42	
2.5	**Total (Major Civil Works)**	8932.2	10986.84	938.91	11925.75	2762.10	9163.65		-2054.64	
3.0	**Hydro Mechanical equipment**									
4.0	**Plant & Equipment**		14068.51	12657.90	26726.41	10215.61	16510.80		-14068.51	
4.1	Initial spares of Plant & Equipment									
4.2	**Total (Plant & Equipment)**	18842.23	14068.51	12657.90	26726.41	10215.61	16510.80		4773.72	
5.0	**Taxes and Duties**									
5.1	Custom Duty									
5.2	Other taxes & Duties									
5.3	**Total Taxes & Duties**									
6.0	**Construction & Pre-commissioning expenses**									
6.1	Erection, testing & commisstoning									
6.2	Construction Insurance									
6.3	Site supervision									
6.4	**Total (Const. & Pre-commissioninr)**									
7.0	**Overheads**									
7.1	Establishment				0.00		0.00			
7.2	Design & Engineering									
7.3	Audit & Accounts									
7.4	Contingency									
7.5	Rehabilitation & Resettlement									
7.6	**Total (Overheads)**		0.00	0.00	0.00		0.00			
8.0	**Capital Cost without IDC, FC, FERV & Hedging Cost**	27,774.43	25056.35	13596.81	38652.16	12977.71	25674.45		2719.08	
9.0	**IDC, FC, FERV & Hedging Cost**									
9.1	Interest During Construction (IDC)		328.61	396.82	725.43		725.43			
9.2	Financing Charges (FC)									
9.3	Foreign Exchange Rate Variation (FERV)									
9.4	Hedging Cost									
9.5	**Notional IDC**									
9.6	**Total of IDC, FC, FERV & Hedging** Cost		328.61	396.82	725.43		725.43			
9.7	**Revenue from Infirm Power**									
10.0	**Capital cost including IDC, FC, FERV & Hedging Cost**	27774.43	25383.96	13993.63	39377.59	12977.71	26399.88			

**Provide details of Freehold Land, Leasehold Land and Land under reservoir separately*

Note:
1. In case of cost variation, a detailed note giving reasons of such variation should be submitted clearly indicating whether such cost over-run was beyond the control of the generating company.
2. In case of both time & cost overrun, a detailed note giving reasons of such time and cost over-run should be submitted clearly bringing out the agency responsible and whether such time and cost overrun was beyond the control of the generating company.
3. The implication on cost due to time over run, if any shall be submitted separately giving details of increase in prices in different packages from scheduled COD to Actual COD, increase in IEDC from scheduled COD to actual COD and increase of IDC from scheduled COD to actual COD.
4. Impact on account of each reason for Time over run on Cost of project should be quantified and substantiated with necessary documents and supporting workings.
5. A list of balance work assets/work wise including initial spare on original scope of works along with estimate shall be furnished positively.

(Petitioner)

Break-up of Capital Cost for Plant & Equipment (New Projects)

PART-II FORM- 5C

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD
Name of the Generating Station: KHANDONG HYDROPOWER STATION (2 X 23 MW)

S. No.	Break Down	Original Cost as approved by Authority/Investment	Cost on Actual COD	Variation	Reasons for Variation
(1)	(2)	(3)	(4)	(3)	(4)
		Total Cost	Total Cost		
1.0	**Generator, turbine & Accessories**	18842.23	26714.45		
1.1	Generator package				
1.2	Turbine package				
1.3	Unit control Board				
1.4	C&I package				
1.5	Bus Duct of GT connection				
1.6	**Total (Generator, turbine & Accessories)**	18842.23	26714.45		
2.0	**Auxiliary Electrical Equipment**				
2.1	Step up transformer				
2.2	Unit Auxiliary Transformer				
2.3	Local supply transformer				
2.4	Station transformer				
2.5	SCADA				
2.6	Switchgear, Batteries, DC dist. Board				
2.7	Telecommunication equipment				
2.8	Illumination of Dam, PH and Switchyard				
2.9	Cables & cable facilities, grounding				
2.10	Diesel generating sets				
2.11	**Total (Auxiliary Elect. Equipment)**		0		
3.0	**Auxiliary equipment & services for power station**				
3.1	EOT crane		0		
3.2	Other cranes		0		
3.3	Electric lifts & elevators		0		
3.4	Cooling water system		0		
3.5	Drainage & dewatering system		0		
3.6	Firefighting equipment		0		
3.7	Air conditioning, ventilation and heating		0		
3.8	Water supply system		0		
3.9	Oil handling equipment		0		
3.10	Workshop machines & equipment		0		
3.11	**Total (Auxiliary equip. & services for PS)**		0		
4.0	**Switchyard package**		0		
5.0	**Initial spares for all above equipment**				
6.0	**Total Cost (Plant & Equipment) excluding IDC, FC, FERV & Hedging Cost**	18842.23	26714.45		
7.0	**IDC, FC, FERV & Hedging Cost**				
7.1	Interest During Construction (IDC)	0	449.71		
7.2	Financing Charges (FC)		0		
7.3	Foreign Exchange Rate Variation (FERV)		0		
7.4	Hedging Cost		0		
7.5	**Total of IDC, FC, FERV & Hedging Cost**	0	449.71		
8.0	**Total Cost (Plant & Equipment) including IDC, FC, FERV & Hedging Cost**	18842.23	27164.16		

PART-II
FORM-5D

Break-up of Construction/Supply/Service packages

Name of the Petitioner : **NORTH EASTERN ELECTRIC POWER CORPORATION LTD.**
Name of the Generating Station : **KHANDONG POWER STATION (23*2) MW**

1	Name/No. of Major Construction/Supply/Service Package	CIVIL WORKS	HM WORKS			EM WORKS	Total Cost of all packages
2	Scope of works[1] (in line with head of cost break-ups as applicable)	Civil Works Pertaining to Restoration and Renovation & Modernization of Khandong Power Station (2x23 MW), Umrogso, Assam,	Design, fabrication, supply, installation & commissioning of penstock & steel in-liner of Khandong Power Station (2 x 23 MW), Umrongso, Assam	Renovation and modernization of hydro mechanical component of khandong stage -I hydro power station.	Renovation and modernization of hydro mechanical equipment of khandong stage -I hydro power station.	Please refer "Annexure of Form 5D"	
3	**Whether awarded through ICB/DCB/Departmentally/Deposit Work**	Awarded through C&P, HQ/Site					
4	**No. of bids received**						
5	**Date of Award**	01-05-2023	13-10-2023		09-02-2024		
6	**Date of Start of work**	01-05-2023	13-10-2023	05-02-2022	09-02-2024		
7	**Date of Completion of Work/Expected date of completion of work**	30-11-2024	12-12-2024	15-02-2023	08-08-2024		
8	**Value of Award in (Rs. Lakh) CEA vetted cost**	8932.2				18842.23	27774.43
9	**Firm or With Escalation in prices**	With Escalation	With Escalation	Firm	Firm		
10	**As per project expenditure up to 30.08.2025(Rs.Lakh)**	9163.65				16510.80	25674.45
11	**Taxes & Duties and IEDC (Rs. Lakh)**	2,762.10				10215.61	12977.71
12	**IDC, FC, Insurance, FERV & Hedging cost (Rs. Lakh)**	725.43					725.43
13	**Less Receipts (Sale of Scrap & Infirm Power)**	0.00					0.00
14	**Sub-total (10 + 11 + 12) (Rs. Lakh)**	**39377.59**					**39377.59**

Note:
1. If there is any package, which need to be shown in Indian Rupee and foreign currency (ies), the same should be shown separately along with the currency, the exchange rate and the date.

(Petitioner)

PART-II
FORM-5D

Break-up of Construction/Supply/Service packages

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Stat Khandong Hydro Power Station

1	Name/No. of Construction/Major Supply/Service Package	EM WORKS													
2	Scope of works' (in line with head of cost break-ups as applicable)	Letter of Intent (LOI) for award of the work 'Detailed Design and Engineering, Manufacture, Testing at Works, Despatch, Inland Transportation including Freight and Insurance, Delivery to Project Site, Comprehensive Insurance for taking care of eventualities till Handing Over of the Plant/Work, Storage and Preservation of all Equipment at site or any intermediate locations, Erection, Testing and Commissioning at	Issue of change order for execution of extra item/works pertaining to "Additional scope of drainage & dewatering system (DD system) of Khandong Power station" against the original contract awarded for "Detailed design & Engineering, manufacturing, testing at works, dispatch for electro-mechanical equipment along with station auxiliaries to be installed in Khandong P.S	Order for execution of extra item/work pertaining to "Refit of stator bars 7 rotor poles of both the units "against the contract awarded for detailed design & engineering, manufacturing, testing works, dispatch of electro-mechanical equipments along with station auxiliaries to be installed in Khd. P.S.	Change order for execution of extra items/works pertaining to "Additional scope of In-situ machining towards rectification of deviation in stay ring of spiral casing Unit- 2 of 2x25 MW khd P.S" against the original contract awarded for "Detailed design ? engineering,	Detailed order for design, engineering, manufacturing, testing, supply, delivery, installation & commissioning of new stainless steel butterfly valve along with power pack, operating mechanism, local/remote control & display/annunciation panel, etc. 25(2) MW khandong Power station	Order for incorporation of additional barel flow handling capacity in 2 nos. stainless steel BF valves in Khandong Power station.	Detailed order for assembling the contract for "Dismantling of existing inlet & outlet pipes, dismantling flanges, air valves etc. of both the peatwork butterfly valves & supply, delivery, erection, testing & commissioning of new inlet & outlet pipes, dismantling flanges, manhole with door for 2	Site survey, design, engg, testing at works, supply on F.O.R. destination/site basis, inland transportation including Flight & insurance, unloading, storage, dismantling, erection/retrofitting, testing & commissioning of 132 KV & 33 KV S.Y equipment for Khandong P.S.	Detailed order against contract for fire detection, alarm & protection system for khEP S, Khd-Stage-II & Khd. S.Y.	Order for supply, delivery, erection, testing & commissioning of 160 KVA, DG set at valve house of 2x23 MW Khandong P.s	Electric overhead travelling crane having a rated capacity of 25 T, Mulatory capcos for the 25 T EOT crane as per its enclosed.	Detailed work order for 'Dismantling, loading on truck, shifting to designated area, unloading & stacking of electro-mechanical equipment of Khandong 2x25 MW P.S	Work Order for Blocking the Penstock in the upstream of MIV in both Units of Khandong P.S. to avoid possibility of water entering the P.S.
3	Whether awarded through ICB/CCB/Departmentally/Depos it Work														
4	No. of bids received														
5	Date of Award	LOI: 12.05.2023, Order: 22.05.2023	04.06.2024	17.01.2025	26.05.2025	24.01.2019	03.03.2020	19.05.2021	31.08.2023	29.11.2023	04.04.2025	19.01.2024	03.02.2023	19.12.2023	
6	Date of Start of work	12.05.2023	04.06.2024	Ex-post facto Order was placed, work already executed	Ex-post facto Order was placed, work already executed	24.01.2019	03.03.2020	19.05.2021	31.08.2023	29.11.2023	04.04.2025	19.01.2024	03.02.2023	Ex-post facto Order was placed, work already executed	
7	Date of Completion of Work/Expected date of completion of work	11.07.2025	11.07.2025	Ex-post facto Order was placed, work already executed	Ex-post facto Order was placed, work already executed	23.01.2020	03.12.2020	16.03.2022	26.06.2024	21.02.2026	19.05.2025	17.07.2024	03.04.2020	Ex-post facto Order was placed, work already executed	
8	Value of Award in (Rs. Lakh) CEA vetted cost	18842.23													
9	Firm or With Escalation in prices	With Escalation	With Escalation	With Escalation	With Escalation	Firm	Firm	Firm	Firm	Firm	Firm	Firm	Firm	Firm	
10	As per project expenditure up to 30.06.2025(Rs.Lakh)	38866.62													
11	Taxes & Duties and IEDC (Rs. Lakh)														
12	IDC, FC, Insurance, FERV & Hedging cost (Rs. Lakh)	2686.08													
13	Less Receipts (Sale of Scrap & Infirm Power)	0.00													
14	Sub-total (10 + 11 + 12) (Rs. Lakh)	41552.70													

Note:
1. If there is any packaage, which need to be shown in Indian Rupee and foreign currency (ies), the same should be shown seoarately along with the currency, the exchanae rate and the date.

(Petitioner)

In case there is cost over run

PART-II
FORM-5Ei

Name of the Petitioner : **NORTH EASTERN ELECTRIC POWER CORPORATION LTD.**
Name of the Generating Station : **KHANDONG HYDROPOWER STATION (2 X 23 MW)**

S. No.	Break Down	Original Cost (Rs.Lakh) as approved by the Board of Members	Actual/Estimate d Cost as incurred/to be incurred(Rs. Lakh)	Difference	Reasons for Variation(Please submit supporting computations and documents wherever applicable)	Increase in soft cost due to increase in hard cost
		Total Cost	Total Cost	Total Cost	1	2
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	**Cost of Land & Site Development**					
1.1	Land*	0	0			
1.2	Rehabilitation & Resettlement (R&R)					
1.3	Preliminary Investigation & Site Development	0	0			
2	**Total Plant & Equipment excluding taxes & Duties**	18842.23	16510.80			
3	**Initial Spares**	0	0			
4	**Total Civil works**	8932.2	9163.65			
5	**Total Overheads**	0				
6	**Capital cost excluding IDC & FC**	27774.43	25674.45			
7	**IDC, FC, FERV &Hedging Cost**	0	725.43			
8	**Capital cost including IDC, FC, FERV & Hedging Cost**	27774.43	26399.87825			
9	Residual value of asset	0				
	Less: Infirm power and sale of scrap	0	0			
		27774.43	26399.87825			

PART-II
FORM- 8

Details of Allocation of corporate loans to various projects

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KHANDONG HYDROPOWER STATION (2 X 23 MW)

Particulars	**Loan 1**	**Loan 2**
Source of Loan	Long Term Loan: Punjab National Bank	Axis Bank Loan LTL(1000 CRORE)
Currency	INR	INR
Amount of Loan sanctioned	10,00,00,00,000	10,00,00,00,000
Amount of Gross Loan drawn upto /COD	10,00,00,00,000	4,50,00,00,000
Interest Type	Floating	Floating
Fixed Interest Rate, if applicable	N.A.	N.A.
Base Rate, if Floating Interest	Repo Rate	Repo Rate
Margin, if Floating Interest	1.45%	1.71%
Are there any Caps/Floor	N.A.	N.A.
If above is yes,specify caps/floor	N.A.	N.A.
Moratorium Period	2 years	2 years & 3 months
Moratorium effective from	August 5, 2024	April 3, 2025
Repayment Period	10 years	10 years
Repayment effective from	August 5, 2026	April 3, 2027
Repayment Frequency	Quarterly	Quarterly
Repayment Instalment	(i) Rs.20 crore 8th to 17th quarter (ii) Rs.30 crore 18th to 35th quarter (iii) Rs.52 crore 36th to 40th quarter	(i) Rs.20 crore 8th to 17th quarter (ii) Rs.30 crore 18th to 35th quarter (iii) Rs.52 crore 36th to 40th quarter
Base Exchange Rate	N.A.	N.A.
Distribution of Gross Loan drawn up to:	***(Amount in lacs)***	
Name of the Project		
1. Khandong Hydro Power Station (46 MW)	5,000.00	10,000.00
2. Solar PP, Monarchak	560.00	0.00
3. Kameng Hydro Power Station	56,552.68	8,477.51
4. Tuirial Hydro Power Station	3,692.52	16,522.49
5. Tripura Gas BPP	1,194.80	0.00
6. Heo HPS	5,200.00	5,000.00
7. Tato-I HPS	3,000.00	5,000.00
8. Bikaner Solar Project (300 MW)	2,000.00	0.00
9. Kopili Hydro Power Station (200 MW)	11,600.00	0.00
10. Tato-II HPS	11,200.00	0.00
Total	**1,00,000.00**	**45,000.00**

(Petitioner)

Statement showing reconciliation of ACE claimed with the capital additions as per books

PART-II
FORM- 9C

Name of the Petitioner :**NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED**
Name of the Generating Station COD :**KHANDONG HYDROPOWER STATION (2 X 23 MW)**

S. No.	Particulars	13.07.2025 to 29.08.2025 Unit-I	30.08.2025 TO 31.03.2026 Unit II	2026-27	2027-28	2028-29
1	**2**	**3**	**4**			**5**
1	Closing Gross Block as per IND AS	38998.83	52992.46	52992.46	52992.46	52992.46
2	Add/Less: Adjustments	0	0	0	0	0
3	Closing Gross Block as per IGAAP	38998.83	52992.46	52992.46	52992.46	52992.46
4	Opening Gross Block as per IND AS	38998.83	52992.46	52992.46	52992.46	52992.46
5	Add/Less: Adjustments	0.00	0			0.00
6	Opening Gross Block as per IGAAP	38998.83	52992.46	52992.46	52992.46	52992.46
7	**Total Additions as per books (G= 3 - 6)**	0.00	0.00	0.00	0.00	0.00
8	Less: Additions pertaining to other Stages	0	0	0	0	0
9	**Net Additions pertaining to instant project/Unit/Stage**	0.00	0.00	0.00	0.00	0.00
10	Less: Exclusions (items not allowable / not claimed)	0.00	0.00	0.00	0.00	0.00
11	**Net Additional Capital Expenditure**	0.00	0.00	0.00	0.00	0.00
12	**Less: Un-discharged Liabilities**	0.00				
13	**Add: Discharges of un-discharged**	0.00				
14	**Net Additional Capital Expenditure Claimed (on cash basis)**	0.00	0.00	0.00	0.00	0.00

Note: Reason for exclusion of any expenditure shall be given in clear terms.

(Petitioner)

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD. PART-II FORM- 9E

Name of the Generating Station : KHANDONG HYDROPOWER STATION (2 X 23 MW)

Statement of Capital cost (Amount in Rs. Lakh)

(To be submitted for relevant dates and year wise)

S. No.	Particulars	13.07.2025 to 29.08.2025 Unit-I	30.08.2025 TO 31.03.2026 Unit II	2026-27	2027-28	2028-29
A	a) Opening Gross Block Amount as per books (as on COD)	38998.83	52992.46	52992.46	52992.46	52992.46
	b) Amount of IDC in A(a) above	328.60	725.43	725.43	725.43	725.43
	c) Amount of FC in A(a) above	0.00	0.00	0.00	0.00	0.00
	d) Amount of FERV in A(a) above	0.00	0.00	0.00	0.00	0.00
	e) Amount of Hedging Cost in A(a) above	0.00	0.00	0.00	0.00	0.00
	f) Amount of IEDC in A(a) above	6279.84	12977.71	12977.71	12977.71	12977.71
B	a) Addition in Gross Block Amount during the period (Direct purchases)	0.00	0.00	0.00	0.00	0.00
	b) Amount of IDC in B(a) above	0.00	0.00	0.00	0.00	0.00
	c) Amount of FC in B(a) above	0.00	0.00	0.00	0.00	0.00
	d) Amount of FERV in B(a) above	0.00	0.00	0.00	0.00	0.00
	e) Amount of Hedging Cost in B(a) above	0.00	0.00	0.00	0.00	0.00
	f) Amount of IEDC in B(a) above	0.00	0.00	0.00	0.00	0.00
C	a) Addition in Gross Block Amount during the period (Transferred from CWIP)	0.00	0.00	0.00	0.00	0.00
	b) Amount of IDC in C(a) above	0.00	0.00	0.00	0.00	0.00
	d) Amount of FC in C(a) above	0.00	0.00	0.00	0.00	0.00
	e) Amount of FERV in C(a) above	0.00	0.00	0.00	0.00	0.00
	f) Amount of Hedging Cost in C(a) above	0.00	0.00	0.00	0.00	0.00
	g) Amount of IEDC in C(a) above	0.00	0.00	0.00	0.00	0.00
D	a) Deletion in Gross Block Amount during the period	0.00	0.00	0.00	0.00	0.00
	c) Amount of IDC in D(a) above	0.00	0.00	0.00	0.00	0.00
	d) Amount of FC in D(a) above	0.00	0.00	0.00	0.00	0.00
	e) Amount of FERV in D(a) above	0.00	0.00	0.00	0.00	0.00
	f) Amount of Hedging Cost in D(a) above	0.00	0.00	0.00	0.00	0.00
	g) Amount of IEDC in D(a) above	0.00	0.00	0.00	0.00	0.00
E	a) Closing Gross Block Amount as per books	38998.83	52992.46	52992.46	52992.46	52992.46
	c) Amount of IDC in E(a) above	328.60	725.43	725.43	725.43	725.43
	d) Amount of FC in E(a) above	0.00	0.00	0.00	0.00	0.00
	e) Amount of FERV in E(a) above	0.00	0.00	0.00	0.00	0.00
	f) Amount of Hedging Cost in E(a) above	0.00	0.00	0.00	0.00	0.00
	g) Amount of IEDC in E(a) above	6279.84	12977.71	12977.71	12977.71	12977.71

(Petitioner)

STATEMENT SHOWING CAPITALISATION FROM CWIP AND DIRECT ADDITION

ANNEX 9E

Figures in Rs.

	TRANSFER FROM CWIP		DIRECT ADDITION		TOTAL			
ASSET GROUP	**UNIT 1**	**UNIT 2**	**UNIT 1**	**UNIT 2**	**UNIT 1**	**UNIT 2**	**TOTAL**	**AS PER ASSET REGISTER**
1001005	17509427.3	900997	2121415.28		19630842.58	900997	20531839.58	20531839.58
1001006	773639.79	0	3244056		4017695.79	0	4017695.79	4017695.79
1001009	1530845.86	0	21500		1552345.86	0	1552345.86	1552345.86
1001012	1043533117	92437671.41	23020782.97		1066553900	92437671.41	1158991571	1158991571
1001013	1390599018	1303064841	20592405.45	2159400	1411191424	1305224241	2716415664	2716415664
1001014	0	0	77407		77407	0	77407	77407
1001015	0	0	1106650		1106650	0	1106650	1106650
1001016	0	0	1754136		1754136	0	1754136	1754136
1001018	14454763	0	3032321		17487084	0	17487084	17487084
1001019	947700	0	4560752	799850	5508452	799850	6308302	6308302
1001020	580807.5	0	1588609.94		2169417.44	0	2169417.44	2169417.44
1001022	167437.5	0	497163.79		664601.29	0	664601.29	664601.29
1001030	0	0	6668907		6668907	0	6668907	6668907
1001031	0	0	12400		12400	0	12400	12400
TOTAL	2,47,00,96,755.61	1,39,64,03,508.93	68298506.43	2959250	2,53,83,95,262.04	1,39,93,62,758.93	3,93,77,58,020.97	3,93,77,58,020.97
TOTAL IN LAKH	**24700.97**	**13964.04**	**682.99**	**29.59**	**25383.95**	**13993.63**	**39377.58**	**39377.58**

Statement of Capital works in Progress

(To be given for relevant dates and year wise)

Name of the Petitioner : **NORTH EASTERN ELECTRIC POWER CORPORATION LTD.**

Name of the Generating Station : KHANDONG HYDROPOWER STATION (2 X 23 MW)

FORM-9F

Rs. In Lakhs

Sl. No.	Particulars	13.07.2025 to 29.08.2025 Unit-I	30.08.2025 TO 31.03.2026 Unit II	2026-27	2027-28	2028-29
A	a) Opening CWIP as per books	0.00	0.00	26.57	26.57	26.57
	b) Amount of IDC in A(a) above	0.00	0.00	0.00	0.00	0.00
	c) Amount of FC in A(a) above	0.00	0.00	0.00	0.00	0.00
	d) Amount of FERV in A(a) above	0.00	0.00	0.00	0.00	0.00
	e) Amount of Hedging Cost in A(a) above	0.00	0.00	0.00	0.00	0.00
	f) Amount of IEDC in A(a) above	0.00	0.00	0.00	0.00	0.00
B	a) Addition in CWIP during the period	24,700.97	13,990.61	0	0	0
	b) Amount of IDC in B(a) above	328.60	396.82	0.00	0.00	0.00
	c) Amount of FC in B(a) above	0.00		0.00	0.00	0.00
	d) Amount of FERV in B(a) above	0.00		0.00	0.00	0.00
	e) Amount of Hedging Cost in B(a) above	0.00		0.00	0.00	0.00
	f) Amount of IEDC in B(a) above	6,279.84	6,697.87	0.00	0.00	0.00
C	a) Transferred to opening gross block in Form 9E	24,700.97	13,964.04	0	0	0
	b) Transferred to Gross Block Amount during the period			0.00	0.00	0.00
	c) Amount of IDC in C(a) above	328.60	396.82	0.00	0.00	0.00
	d) Amount of FC in C(a) above	0.00	0.00	0.00	0.00	0.00
	e) Amount of FERV in C(a) above	0.00	0.00	0.00	0.00	0.00
	f) Amount of Hedging Cost in C(a) above	0.00	0.00	0.00	0.00	0.00
	g) Amount of IEDC in C(a) above	6,279.84	6,697.87	0.00	0.00	0.00
D	a) Deletion in CWIP during the period	0.00	0	0	0	0
	b) Amount of IDC in D(a) above	0.00	0.00	0.00	0.00	0.00
	c) Amount of FC in D(a) above	0.00	0.00	0.00	0.00	0.00
	d) Amount of FERV in D(a) above	0.00	0.00	0.00	0.00	0.00
	e) Amount of Hedging Cost in D(a) above	0.00	0.00	0.00	0.00	0.00
	f) Amount of IEDC in D(a) above	0.00	0.00	0.00	0.00	0.00
E	a) Closing CWIP as per books	0.00	26.57	26.57	26.57	26.57
	b) Amount of IDC in E(a) above	0.00	0.00	0.00	0.00	0.00
	c) Amount of FC in E(a) above	0.00	0.00	0.00	0.00	0.00
	d) Amount of FERV in E(a) above	0.00	0.00	0.00	0.00	0.00
	e) Amount of Hedging Cost in E(a) above	0.00	0.00	0.00	0.00	0.00
	f) Amount of IEDC in E(a) above	0.00	0.00	0.00	0.00	0.00

Note:

1.Relevant date/s means date of COD of unit/s/station and financial year start date and end date

(Petitioner)

Calculation of Depreciation

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KHANDONG HYDROPOWER STATION (2 X 23 MW)

(Amount in Rs. Lakh)

Sl. No.	Name of the Assets [1]	RESIDUAL VALUE OF OLD ASSETS AS ON 13.07.2025	Gross Block as on 13.07.2025 (UNIT-I)	Gross Block as on 30.08.2025 (UNIT-II)	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation amount Unit I	Depreciation amount Unit II
	1	2	3	4	5	6=5*3	7=5*4
1	Roads, bridges, culverts & helipads	77.53	77.53	77.53	3.34%	2.59	2.59
2	Main Plant Buildings	495.15	691.46	700.47	3.34%	23.09	23.40
3	Other Buildings	248.62	288.80	288.80	3.34%	9.65	9.65
4	Temporary erection	47.00	47.00	47.00	100.00%	47.00	47.00
5	Water supply, drainage & sewerage	17.94	33.46	33.46	5.28%	1.77	1.77
6	Railway siding	4.00	4.00	4.00	5.28%	0.21	0.21
7	Dam, Dyke, Reservoir & Other Hydraulic W	11,877.10	22542.64	23467.02	5.28%	1190.25	1239.06
8	Plant and machinery	551.54	14663.45	27715.69	5.28%	774.23	1463.39
9	Furniture and fixtures	2.83	3.61	3.61	6.33%	0.23	0.23
10	Other Office Equipments	2.72	13.79	13.79	6.33%	0.87	0.87
11	EDP, WP machines & SATCOM equipment	38.22	55.76	55.76	15.00%	8.36	8.36
12	Vehicles including speedboats	134.53	134.53	134.53	5.28%	7.10	7.10
13	Construction equipment	1.21	176.08	176.08	5.28%	9.30	9.30
14	Electrical installations	57.00	112.08	120.08	5.28%	5.92	6.34
15	Communication equipment	11.91	33.61	33.61	6.33%	2.13	2.13
16	Hospital equipment	1.00	1.00	1.00	5.28%	0.05	0.05
17	Laboratory and workshop equipment	6.81	13.46	13.46	5.28%	0.71	0.71
18	Other Equipments	27.97	94.66	94.66	100.00%	94.66	94.66
19	Low Value Assets	11.78	11.90	11.90	5.28%	0.63	0.63
	TOTAL	13614.88	38998.83	52992.46		2178.76	2917.45
	Weighted Average Rate of Depreciation (%)		5.59%	5.51%			

Name of the Petitioner : 'NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

Name of the Generating Station : KHANDONG HYDROPOWER STATION (2 X 23 MW)

ANNEX FORM 11

Figures in Rs. Lakh

STATEMENT SHOWING BOOK VALUE AND WRITTEN DOWN VALUE OF RESIDUAL ASSETS AS ON 13.07.2025

Name of the Assets	Book Value	Written Down Value
Roads, bridges, culverts & helipads	77.53	7.75
Main Plant Buildings	495.15	49.51
Other Buildings	248.62	23.38
Temporary erection	47.00	-
Water supply, drainage & sewerage	17.94	1.66
Railway siding	4.00	0.40
Dam, Dyke, Reservoir & Other Hydraulic W	11,877.10	1,187.71
Plant and machinery	551.54	53.31
Furniture and fixtures	2.83	0.28
Other Office Equipments	2.72	0.27
EDP, WP machines & SATCOM equipment	38.22	0.76
Vehicles including speedboats	134.53	13.45
Construction equipment	1.21	0.11
Electrical installations	57.00	5.70
Communication equipment	11.91	1.19
Hospital equipment	1.00	0.10
Laboratory and workshop equipment	6.81	0.63
Other Equipments	27.97	2.80
Low Value Assets	11.78	0.00
	13,614.88	**1,349.04**

Statement of Depreciation

PART-II
FORM-12

Name of the Petitioner : **NORTH EASTERN ELECTRIC POWER CORPORATION LTD.**
Name of the Generating Station : **KHANDONG HYDROPOWER STATION (2 X 23 MW)**

S. No.	Particulars	13.07.2025 to 29.08.2025 Unit-I	30.08.2025 TO 31.03.2026 Unit II	2026-27	2027-28	2028-29
	(2)	(3)	(4)	(5)	(5)	(5)
	Opening Capital Cost	38012.81	52001.79	52001.79	52001.79	52001.79
	Closing Capital Cost	38012.81	52001.79	52001.79	52001.79	52001.79
	Average Capital Cost	38012.81	52001.79	52001.79	52001.79	52001.79
	Freehold land*					
	Rate of depreciation	5.59%	5.51%	5.51%	5.51%	5.51%
	Depreciable value	34211.53	46801.61	46801.61	46801.61	46801.61
	Balance useful life at the beginning of the period	40.00	40.00	39.00	38.00	37.00
	Cumulative Depreciation upto previous year	0.00	272.71	1938.83	4801.73	7664.64
	Remaining depreciable value					
	Depreciation (for the period)	272.71	1666.12	2862.91	2862.91	2862.91
	Depreciation (annualized)	1911.30	2576.61	2862.91	2862.91	2862.91
	Cumulative depreciation at the end of the period	272.71	1938.83	4801.73	7664.64	10527.54
	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009					
	Less: Cumulative depreciation adjustment on account of de- capitalisation					
	Net Cumulative depreciation at the end of the period	272.71	1938.83	4801.73	7664.64	10527.54

1. In case of details of FERV and AAD, give information for the applicable period.

(Petitioner)

Calculation of Weighted Average Rate of Interest on Actual Loans

PART II
FORM- 13

Name of the Company : North Eastern Electric Power Corporation Ltd.
Name of the Power Station : KHANDONG HYDROPOWER STATION (2 X 23 MW)

(Amount in lacs)

Sl. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
1	*2*	*1*	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*
1	**Axis Bank Loan LTL(1000 CRORE)**												
	Gross loan - Opening		0.00	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00			
	Cumulative repayments of Loans upto previous year		0.00	0.00	0.00	1777.78	3555.56	5777.78	8444.44	10000.00			
	Net loan - Opening		0.00	10000.00	10000.00	8222.22	6444.44	4222.22	1555.56	0.00			
	Add: Drawal(s) during the Year		10000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	Less: Repayment (s) of Loans during the year		0.00	0.00	1777.78	1777.78	2222.22	2666.67	1555.56	0.00			
	Net loan - Closing		10000.00	10000.00	8222.22	6444.44	4222.22	1555.56	0.00	0.00			
	Average Net Loan		5000.00	10000.00	9111.11	7333.33	5333.33	2888.89	777.78	0.00			
	Rate of Interest on Loan on annual basis		6.12%	6.12%	6.12%	6.12%	6.12%	6.12%	6.12%	6.12%			
	Interest on loan		253.00	611.57	557.21	448.48	326.17	176.68	47.57	0.00			
1	**Long Term Loan: Punjab National Bank**												
	Gross loan - Opening		0.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative repayments of Loans upto previous year		0.00	0.00	300.00	700.00	1150.00	1750.00	2350.00	2950.00	3550.00	4480.00	5000.00
	Net loan - Opening		0.00	5000.00	4700.00	4300.00	3850.00	3250.00	2650.00	2050.00	1450.00	520.00	0.00
	Add: Drawal(s) during the Year		5000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year		0.00	300.00	400.00	450.00	600.00	600.00	600.00	600.00	930.00	520.00	0.00
	Net loan - Closing		5000.00	4700.00	4300.00	3850.00	3250.00	2650.00	2050.00	1450.00	520.00	0.00	0.00
	Average Net Loan		2500.00	4850.00	4500.00	4075.00	3550.00	2950.00	2350.00	1750.00	985.00	260.00	0.00
	Rate of Interest on Loan on annual basis		7.15%	7.15%	7.15%	7.15%	7.15%	7.15%	7.15%	7.15%	7.15%	7.15%	0.00%
	Interest on loan		148.92	346.88	321.85	291.45	253.90	210.99	168.08	125.16	70.45	18.60	0.00
3	**Total Loan**												
	Gross loan - Opening	0.00	0.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	5000.00	5000.00	5000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	300.00	2477.78	4705.56	7527.78	10794.44	12950.00	3550.00	4480.00	5000.00
	Net loan - Opening	0.00	0.00	15000.00	14700.00	12522.22	10294.44	7472.22	4205.56	2050.00	1450.00	520.00	0.00
	Add: Drawal(s) during the Year	0.00	15000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	300.00	2177.78	2227.78	2822.22	3266.67	2155.56	600.00	930.00	520.00	0.00
	Net loan - Closing	0.00	15000.00	14700.00	12522.22	10294.44	7472.22	4205.56	2050.00	1450.00	520.00	0.00	0.00
	Average Net Loan	0.00	7500.00	14850.00	13611.11	11408.33	8883.33	5838.89	3127.78	1750.00	985.00	260.00	0.00
	Interest on loan	0.00	401.93	958.45	879.06	739.93	580.07	387.67	215.65	125.16	70.45	18.60	0.00
	Weighted average Rate of Interest on Loans	**0.00%**	**5.36%**	**6.45%**	**6.46%**	**6.49%**	**6.53%**	**6.64%**	**6.89%**	**7.15%**	**7.15%**	**7.15%**	**0.00%**

Calculation of Interest on Normative Loan

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KHANDONG HYDROPOWER STATION (2 X 23 MW)

(Amount in Rs. Lakh)

Sl. No.	Particulars	13.07.2025 to 29.08.2025 Unit-I	30.08.2025 TO 31.03.2026 Unit II	2026-27	2027-28	2028-29
1	*2*					
1	**Gross Normative loan – Opening**	26608.97	36401.25	36401.25	36401.25	36401.25
	Cumulative repayment of Normative loan upto previous year	0.00	272.71	1938.83	4801.73	7664.64
	Net Normative loan – Opening	26608.97	36128.54	34462.43	31599.52	28736.62
	Add: Increase due to addition duringthe year / period	0.00	0.00	0.00	0.00	0.00
	Less: Decrease due to de-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00
	Add: Increase due to discharges duringthe year / period	0.00	0.00	0.00	0.00	0.00
	Repayment (s) of Normative Loan during the year	272.71	1666.12	2862.91	2862.91	2862.91
	Net Normative loan - Closing	26336.25	34462.43	31599.52	28736.62	25873.71
	Average Normative loan	26472.61	35295.48	33030.97	30168.07	27305.16
	Weighted average rate of interest	5.36%	6.45%	6.46%	6.49%	6.53%
	Interest on Loan	1418.67	2278.04	2133.27	1956.66	1782.99
	Interest on Loan for the period	182.18	1325.75	2133.27	1956.66	1782.99
		47	213			

(Petitioner)

Calculation of on Working Capital

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KHANDONG KYDROPOWER STATION (2 X 23 MW)

(Amount in Rs. Lakh)

Sl. No.	Particulars	13.07.2025 to 29.08.2025 Unit-I	30.08.2025 TO 31.03.2026 Unit II	2026-27	2027-28	2028-29
1	*2*	*3*	*4*			*5*
1	O & M Expenses (1 month O&M & security expenses)	12.49	113.29	206.05	218.10	230.86
2	Maintenance Spares (15% of O&M & Security Expenses)	22.48	203.91	370.89	392.58	415.54
3	Receivables (45 days of AFC)	115.02	789.27	1355.17	1351.10	1348.46
4	Total Working Capital	150.00	1106.47	1932.12	1961.78	1994.86
5	Rate of Interest	12.25%	12.25%	12.25%	12.25%	12.25%
6	Interest on Working Capital for the period	18.37	135.54	236.68	240.32	244.37

Particulars	13.07.2025 to 29.08.2025 Unit-I	30.08.2025 to 31.03.2026 Unit II	2026-27	2027-28	2028-29
Security Expenses @ 5.47% escalation	7362654.0	7362654.0	7765391.2	8190158.0	8638159.7
Security Expenses in Rupees	462680.4	4284823.2	7765391.2	8190158.0	8638159.7
Security Expenses in Lakh	4.63	42.85	77.65	81.90	86.38

(Petitioner)

PART-II
FORM-13D

Incidental Expenditure during Construction

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KHANDONG HYDROPOWER STATION(2 X 23 MW)

Sl. No.	Parameters	Upto Schedule COD	Up to actual/anticipated COD	Unit1	Unit 2
A	Expenses:				
1	Employees' Benefits Expenses	29,40,48,839	29,40,48,839	14,22,88,464	15,17,60,375
2	Finance Costs				
3	Water Charges	1,07,06,093	1,07,06,093	51,80,614	55,25,479
4	Communication Expenses	12,62,246	12,62,246	6,10,793	6,51,453
5	Power Charges				
6	Other Office and Administrative Expenses	57,47,77,943	57,47,77,943	27,81,31,588	29,66,46,355
7	Others (Please Specify Details)				
	Corporate Share Allocation	42,71,37,584	42,71,37,584	20,66,89,307	22,04,48,277
	Infirm Power				
8	Other Pre-Operating Expenses				
B	Total Expenses	1,30,79,32,706	1,30,79,32,706	63,29,00,767	67,50,31,939
	Less: Income from sale of tenders	-39,526	-39,526	-19,126	-20,400
	Less: Income from guest house	-7,33,433	-7,33,433	-3,54,904	-3,78,529
	Less: Income recovered from Contractors	-93,88,857	-93,88,857	-45,43,212	-48,45,646
	Less: Interest on Deposits				
		1.29.77.70.889	1.29.77.70.889	62.79.83.525	66.97.87.364

PETITIONER

PART-II
FORM-14

Draw Down Schedule for Calculation of IDC & Financing Charges

Name of the Petitioner : **NORTH EASTERN ELECTRIC POWER CORPORATION LTD.**
Name of the Generating Station : **KHANDONG HYDROPOWER STATION -(2 X 23 MW)**
COD

Rs. In Lakhs

Sl.	Draw Down	Quarter 1 (2024-25)			Quarter 2 (2024-25)			Quarter 1 (2025-26)		
	Particulars	Quantum in Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee (₹ in lakh)	Quantum in Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee (₹ in lakh)	Quantum in Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee (₹ in lakh)
1	**Loans**									
1.1	**Foreign Loans**									
1.1.1	**Foreign Loan 1**			Not Applicable			Not Applicable			Not Applicable
	Draw down Amount									
	IDC									
	Financing charges									
	FERV									
	Hedging Cost									
1.1	**Total Foreign Loan**			Not Applicable			Not Applicable			Not Applicable
	Draw down Amount									
	IDC									
	Financing charges									
	FERV									
	Hedging Cost									
1.2	**Indian Loans**									
1.2.1	**Long Term Loan: Punjab National Bank**									
	Draw down Amount						-			5,000.00
	IDC									
	Financing charges									
1.2.2	**Axis Bank Loan LTL(1000 CRORE)**									
	Draw down Amount			0.00						10,000.00
	IDC									
	Financing charges									
1.2	**Total Indian Loans**									
	Draw down Amount			**-**			**-**			**15,000.00**
	IDC									
	Financing charges									
1	**Total of Loans drawn**			**-**			**-**			**15,000.00**
	IDC									
	Financing charges									
	FERV									
	Hedging Cost									
2	**Equity**									
2.1	**Foreign equity drawn**									
2.2	**Indian equity drawn**									
	Total equity deployed									

Note:
1. Drawl of debt and equity shall be on pari-passu basis quarter wise to meet the commissioning schedule. Drawl of higher equity in the beginning is permissible
2. Applicable interest rates including reset dates used for above computation may be furnished separately
3. In case of multi-unit project details of capitalisation ratio used to be furnished.
4. Detailed calculation of IDC (Actual drawl and repayment dates and amount, rates of interest, etc.) should be furnished.

PETITIONER

PART-II
FORM-15A

Design energy and peaking capability (month wise)- ROR with Pondage/Storage type new stations

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KHANDONG POWER STATION (2 X 23 MW)
COD

Generating Company --NEEPCO Ltd.----------

Name of Hydro-electric Generating Station : KHANDONG POWER STATION----------

Installed Capacity : No of units X MW = 2 X 23

Month		Design Energy * (MUs)	MW Continuous *
April	1.57		1.7
	1.57	3.14	1.7
May	4.85		2.8
	4.85	9.7	2.8
June	13.21		11.5
	13.21	26.42	11.5
July	16.415		22.4
	16.415	32.83	22.4
August	15.885		22.4
	15.885	31.77	22.4
September	11.515		11.5
	11.515	23.03	11.5
October	8.77		11.5
	8.77	17.54	11.5
November	8.49		11.5
	8.49	16.98	11.5
December	8.77		11.5
	8.77	17.54	11.5
January	8.77		11.5
	8.77	17.54	11.5
February	5.685		3
	5.685	11.37	3
March	4.57		4.55
	4.57	9.14	4.55
TOTAL		217	

(Petitioner)

Statement of Liability Flow

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KHANDONG HYDROPOWER STATION (2 X 23 MW)

Amount in Rs.

Party	Asset / Work	Original Liability	Liability as on 13.07.2025 (Unit I)	Liability as on 30.08.2025 (Unit II)	Discharges as on 13.07.2025 (Unit I)
1	2	3	4	5	4
a) For assets eligible for normal RoE					
OCEANIC TECH DIVING			-383496		-383496
KHAGENDRA HOJAI			-10000	-10000	0
PRANAB KUMAR DIHINGI			-11619.44	-11619.44	0
WELSON MILLICK			-10000	-10000	0
Rahim Uddin Khan			-20000	-20000	0
RAMSING RONGHI			-355780.5	-294978	-60802.5
RAMSING RONGHI			-395256	-395256	0
R.R.ENGINEERING & CO			-16048	-9328	-6720
V.S.MANGA CHANGSAN			-54454	-54454	0
ARADHANA AGENCY			-5691220	-64640	-5626580
Industro Industrial			-44966	-44966	0
TECHNO TRADE			-639426	-639426	0
MEGA ELECTRICALS			-8152530	-8152530	0
TECHNICO(INDIA) PVT			-6129528	-6129528	0
VTR Infotech Private			-58965	-58965	0
SUMIT SHARMA			-444307		-444307
Ravi Brothers			-587359	-587359	0
ADITYA TECH MECH				-2116700	0
BISWAJYOTI HOJAI			-55623	-55623	0
ROTHIANGA NAMPUI			-126088	-126088	0
GAMMON INDIA LTD			-80143.75	-80143.75	0
VESPERSON SUTUNGA			-3654	-3654	0
ARADHANA AGENCY			-74395	-74395	0
ASSAM PETROLEUM LTD,			-1700909	-1077888	-623021

ANIMESH ENTERPRISE			-15000	-15000	0
ANDRITZ HYDRO PVT LT			-36945859	-36945859	0
APS HYDRO PVT LTD			-1427543	-1427543	0
BHEL-KOLKATA			-890919.08	-890919.08	0
BIDHULAL NUNISA			-55905	-55905	0
BHEL-NOIDA			-65500	-65500	0
BIRENSING ENGTI			-231895.42	-209225.42	-22670
BOLON ENGHEE			-18899	-18899	0
BIJONA BODO			-10000	-10000	0
CHANDAN HOJAI			-26400	-26400	0
CEE DEE VACUUM EQUIP			-5600	-5600	0
CREATIVE TECHNOCRATS			-5000	-5000	0
CARMEL CHINTHONG			-5000	-5000	0
DESHO DAOLAGUPU			-1258323	-1258323	0
DIRECTOR OF SAINIK W			-167622	-167622	0
DABIANG LAPASAM			-9990	-9990	0
DEBSON PUMPS			-124329	-124329	0
ELECTROMECH ENGINEER			-56644	-56644	0
EASTERN ENGINEERS			-700000	-700000	0
GANGA JOISHI			-631270.32	-1033061.32	0
GLOBEX STEEL			-32000	-32000	0
HENA TIMUNGPI			-26508	-26508	0
HYDRO MAGUS PVT LTD			-1752300	-1752300	0
HOICHUNGLIEN KHELMA			-10000	-10000	0
JOYSING TIMUNG			-65658	-65658	0
JOYTHON LONGMAILAI			-267732	-267732	0
JONI PHONGLO			-37791	-37791	0
JOYSING DURANG			-5000	-5000	0
JOYDEEP LANGTHASA			-20655	-20655	0
JAINSON INDUSTRIAL H			-101493	-101493	0
JAYASHREE NUNISA				-235853	0
KRISHNA PRASAD JOSHI			-535117	-535117	0
KRISHNA JOSHI			-12876	-12876	0
KHAGENDRA HOJAI			-683185	-166454	-516731
KONECRANES &DEMAG PV			-884414	-884414	0
KRISHNA GENERATOR SE			-755894	-755894	0
KARISHMA BEYPI			-18555	-18555	0
LOK BAHADUR CHETRI			-23148	-23148	0
MAHENDAO HASNU			-30219	-30219	0

M/S A-BUD,CIRCULAR P			-146961	-146961	0
MENOKA DEVI JOSHI			-15000	-15000	0
MUANKIN VAIPHEI			-6455	-6455	0
MARLEKI PASLEIN			-43150	-43150	0
MANJULI HASNU			-8691	-8691	0
MORNING S PASSAH			-56633	-56633	0
MUKUL JOHORI			-63854	-63854	0
NAMRUP SALES CORPORA			0	-1249060	0
NARAYAN BAHADUR CHET			-146954	-146954	0
OM METALS INFRAPROJE			-3415372	-3415372	0
PES ENGINEERS PVT. L			-1168205.62	-3912140.62	0
PRANJANA & ASSOCIATE			-35000	-35000	0
POGENDRA DAOLAGAJAO			-83336	-15922	-67414
POWER MAKER			-141524	-141524	0
PRECISION SURVEYING			-21500	-21500	0
PANKAJ JIDUNG			-112333	-112333	0
PRAPTI DIBRAGEDE			-10000	-10000	0
PARAG KUMAR DAS			-10000	-10000	0
R S COOLING APPLIANC			-23263	-23263	0
RONA BHADRA HASNU			-235664	-235664	0
RINA HAGJER			-4756	-4756	0
SUDAM JOSHI			-754093	-748593	-5500
SUPTD. OF POLICE HAF			-9286600	-9286600	0
SANJIB CHETRI			-10000	-10000	0
SOMNATH UPADHAYA			-10000	-10000	0
SHREE OM TUBE INDUTR			-32000	-32000	0
SAFE PRO FIRE			-15479	-15479	0
SUMIT SHARMA			-54915	-54915	0
TARUN SAIKIA			-4605	-4605	0
TESLA TRANSFORMERS (			-163400	-163400	0

UTPAL KARIGAPSA			-97140	-403426	0
UNIVERSAL INDUSTRIAL			-284940	-284940	0
WELSON MILLICK			-39952	-13465	-26487
ZEOLITE(INDIA)PVT LT			-282412	-282412	0
DHIGAUR PVT LTD.			-23126	-23126	0
KERMINGSTAR SUNGOH			-3546	-3546	0
RONGOLI AGENCIES			-35640	-35640	0
BORSONG RONGHANG			-2764	-2764	0
Rini Hagjer			-2682	-2682	0
RAMSING RONGHI			-61537	-544323	0
PULAKESH KAKATI			-1828327	-1828327	0
ABIR INFRASTRUCTURE			-6170270	-6504748	0
Suresh Chandra Pal			0	-387585	0
Daga Power Systems &			-68886	-68886	0
ARADHANA AGENCY				-50900	0
Sheikh Md. Khalique			-151107	-151107	0
Robinson Ronghang			-125273	-125273	0
Purneswar Basumatary			-23500	-23500	0
Ranjit Debnath			-29000	-29000	0
G Sara Naga			-28580		-28580
Mohan Kishore Sutrad			-222902	-155172	-67730
Mintu Kalita				-10000	0
Tuhin Tariang			0	-150	0
Siva Das			-26471	0	-26471
Luhit Gayan			-800		-800
Kabita Das				-40000	0
Manas Pratim Sharma			-9738	-9000	-738
Gayan Shankar Jaswal			-21475	-21475	0
Nayan Jyoti Das			-5808		-5808
Tarun Shakya			-14300	-800	-13500
Gautam Kumar			-2720		-2720
Susmita Saikia			0	-4632	0
Rohit Dutta			0	-30000	0
			-9,86,02,651.13	-9,90,66,731.63	-79,30,075.50
			986.03	990.67	

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KHANDONG HYDROPOWER STATION (2 X 23 MW)

CALCULATION OF NORMATIVE OPERATION AND MAINTENANCE EXPENSES

RS. LAKH

PARTICULARS	UNIT I (13.07.2025 TO 29.08.2025)	UNIT II (30.08.2025 TO 31.03.2026)	2026-27	2027-28	2028-29
MW COMMISSIONED	23	23			
CUMULATIVE MW COMMISSIONED	23	46			
NORMATIVE O&M EXPENSES FOR THE YEAR	2,262.39	2,262.39	2,394.96	2,535.31	2,683.88
NO OF DAYS	47	213			
NORMATIVE O&M EXPENSES PER MW	49.18	49.18			
O&M EXPENSES CLAIMED	145.26	1316.57	2,394.96	2,535.31	2,683.88

File No.CEA-HY-12-33/1/2021-HPA Division

ANNEXURE-A

भारत सरकार
Govt. of India
विद्युत मंत्रालय
Ministry of Power
केंद्रीय विद्युत प्राधिकरण
Central Electricity Authority
जलविद्युत परियोजना मूल्यांकन प्रभाग
Hydro Project Appraisal Division

विषय: Examination of Detailed Project Report (DPR) for Renovation & Modernisation, Life Extension works of 46 (2x23) MW Khandong Power Station, Umrongso, Assam of NEEPCO – vetting of E&M Cost estimate reg.

Reference is invited to HER&M Division, CEA letter dated 07.07.2021 forwarding there with revised E&M Cost estimate of Rs 131.015 Crores at March'21 PL submitted by NEEPCO Ltd. vide letter dated 29.06.2021 in respect of the proposed Renovation and Modernization, Life Extension works of Khandong Power Station (2x23=46 MW) in Umrongso, Assam for examination and vetting of CEA.

The proposal of cost estimates of E&M works at March'2021 Price level submitted by NEEPCO has been examined and is vetted for an amount of **Rs. 123.19 Crores at March'2021 PL**. Abstract of vetted E&M cost of the project is given below:

(in Rs Crores)

Sl. No	Item	Cost vetted by CEA at March 2021 PL
1	E&M works	123.19

Details of E&M cost estimate vetted by CEA are enclosed at **Annexure.**

Also, NEEPCO is advised to deduct/adjust the amount, if any, of the scrap of replaced E&M items from vetted E&M cost for determination of tariff.

This issues with approval of Competent Authority.

संलग्न: उपरोक्त

D(T)/SD(O&M)
What about phasing of E&M Cost.. To be funding.. It was finalised within 4-5 days.. 5/8/2021

Signature Not Verified
Digitally signed by ASHISH KUMAR LOHIYA
Date: 2021.08.05 14:42:30 IST

(आशीष कुमार लोहिया)
उप निदेशक (एचपीए)

मुख्य अभियंता (एच.ई.आर.&एम), के.वि.प्रा.

प्रतिलिपि:-: श्री एच के डेका , निदेशक (तकनीकी), नीपको, बुकलैंड कम्पाउंड, लोअर न्यू कॉलोनी, शिलांग-793003

सेवाभवन, आर. के. पुरम-I, नईदिल्ली-110066 टेलीफोन: 011-26190731 ईमेल: hpaone-cea@gov.in वेबसाइट: www.cea.nic.in
SewaBhawan, R.K Puram-I, New Delhi-110066 Telephone: 011-26190731 Email: hpaone-cea@gov.inWebsite: www.cea.nic.in

Annexure

Annex-S

Renovation, Modernization & Life Extension Works of Khandong Power Station (2 X 23 MW)
(Abstract of Cost Estimates of Electro Mechanical Works)

Price Level: March'2021

Sl. No	Item	Cost vetted by CEA (Rs Lakhs)
1	**Preliminary - Annex-S(1)**	87.13
	GST as applicable on 1	15.68
	Sub-Total (Preliminary)	102.82
2	**Generating Plant and Auxiliaries**	
	a) Generating Units and Associated Accessories - **Annex -S(2)**	7,729.25
	b) Auxiliary electrical equipment for power station -**Annex-S(3)**	749.36
	c) Auxiliary Mechanical equipment and services for power station - **Annex-S(4)**	108.51
	GST as applicable on 2(a), (b) & (c)	1,545.68
	d) Transportation, handling and insurance charges	359.40
	GST as applicable on 2(d)	64.69
	e) Erection and Commissioning charges	523.64
	GST as applicable on 2(e)	94.26
	Sub-Total (Generating Plant and Equipment)	11,174.79
3	**Switchyard and Pothead Yard Equipment & Services**	
	a) Substation equipment, auxiliary equipment and service of Switchyard - **Annex-S(5)**	126.16
	GST as applicable on 3(a)	22.71
	b) Transportation, handling and insurance charges	5.18
	GST as applicable on 3(b)	0.93
	c) Erection and Commissioning charges	6.67
	GST as applicable on 3(c)	1.20
	Sub-Total (Substation Equipment, Auxiliary Equipment and Service of Switch Yard)	162.85
4	Contingencies @ 1% of items 2 & 3	113.38
5	Tools & Plants @ 0.5% of item 2 &3	56.69
6	**Sub-Total (Item 1 to 5)**	11,610.53
7	Establishment (as per CEA Guidelines)	680.26
8	**Sub Total (Item 6 & 7)**	12,290.78
9	Audit and account Charges (as per CEA Guidelines)	28.60
	GRAND TOTAL (8 + 9)	**12,319.39**

Annex-S(1)

Renovation, Modernization & Life Extension Works of Khandong Power Station (2 X 23 MW)
Cost Estimates of Electro Mechanical Works
(Preliminary Works)

Price Level: March 2021

Sl. No	Item Particulars	Quantity	Cost vetted by CEA (Rs Lakhs)
1	Design & Consultancy Charges (Lot)	1	87.13
2	Model Testing for Turbine	0	-
	Total		**87.13**

Annex-S(2)

Renovation, Modernization & Life Extension Works of Khandong Power Station (2 X 23 MW)
Cost Estimates of Electro Mechanical Works
(Generating Units and Associated Accessories)

Price Level: March'2021

Sl. No	Item Particulars	Quantity	Cost vetted by CEA (Rs. Lakhs)
1	**a)** Turbine Generator Units 2X23 MW, 333.33 RPM, 82 M head, 0.9 pf, 11 kV complete with allied equipment such as MIV, Governor, AVR, Excitation System etc.		
	a.1) Turbine Assembly		
	a.1.01) Runner with Runner Cone (Nos.)	2	739.50
	a.1.02) Draft Tube Cone Assembly with adjusting ring (Set)	2	184.87
	a.1.03) Turbine Shaft alongwith Shaft Seal, its accessories and hardwares (Set)	2	244.46
	a.1.04) Turbine Shaft and Runner Coupling Bolts & Nuts, and Runner & Runner Cone coupling Bolts & Nuts (Set)	2	21.37
	a.1.05) SS Make Air Valves along with hermetically sealed Limit Switches	2	30.00
	a.1.06) SS Make Bypass Valves alongwith Hardwares and hermetically sealed Limit Switches	2	74.11
	a.1.07) Tools & Tackles for Turbine Assembly	1	70.55
	a.1.08) Guide Vanes (including liner plates, guide vane top and bottom bushings alongwith fitted self lubricating bushes and hardwares	2	312.24
	a.1.09) Regulating mechanism etc. for Guide Apparatus Assy. (Set)	2	57.34
	a.1.10) Guide Vane Servomotors (Set)	2	22.93
	a.1.11) Auxiliaries of Guide apparatus (Set)	2	68.80
	a.1.12) Stainless Steel Top Cover for Turbine	2	194.85
	a.1.13) Stainless Steel Pivot Ring	2	98.13
	a.1.14) Turbine Guide Bearing with coolers	2	76.73
	a.1.15) Refurbishment of draft tube liner, stay Ring, Stay Vanes and Spiral Casing (set)	2	800.00
	a.2) Vertical Shaft Salient Pole Generator Assembly		

	a.2) 23 MW (with 10% continuous overload capacity), 11 kV, 50 Hz, 3 phase Salient Pole Verticle Shaft Generators with all accessories in complete		
	a.2.01) Generator complete Assemby		
	a.2.01.01) Stator Complete Including Stator Frame, Stator Core & Stator Winding (Set)	1	246.31
	a.2.01.02) Generator Coolers (Set)	2	73.97
	a.2.01.03) Rotor Rim Sheets (Set)	2	177.52
	a.2.01.04) Rotor Poles (Set)	2	192.31
	a.2.01.05) Shaft (Set)	2	73.97
	a.2.01.06) Lower Bracket (nos.)	2	88.76
	a.2.01.07) Lower thrust & guide bearing assembly (Set)	2	44.38
	a.2.01.08) Upper Bracket (Set)	2	59.17
	a.2.01.09) Brake and Jack System (Set)	2	29.59
	a.2.01.10) Miscellaneous Plants and equipments (Lot)	1	106.12
	a.2.01.11) Tools & Devices for Generator & Associated Auxiliaries (Lot)	1	95.51
	a.2.02) Station Auxiliaries for generators: CO_2 based Fire Fighting System for generator	1	40.89
	a.2.03) Special Instruments for generator Continuous Online Partial Discharge Analyzer, Moisture Detector, Continuous Online Vibration Monitor and Shaft Current Monitor (Sets)	2	218.15
	a.2.04) Condition monitoring Items for generator Continuous Online Air Gap Monitoring System, Online Magnetic Flux Monitoring System, Online End Winding Vibration Monitoring System (Sets)	2	531.74
	a.3) Main Inlet Valve (Butterfly Valve)		
	a.3) Lattice Door type Butterfly valve of Dia 2300 mm, maximum static head 125 m, complete with Closing Counterweight, Inlet & Outlet Pipes, Bypass Arrangement, Air Valve, Anti Vacuum Valve, Oil Pressue Unit and all accessories (Set)	2	873.61
	a.4) Governor and Associated Auxiliaries		

	a.4.01) Governing System for Turbine and MIV including Oil Pressure Unit, Accumulator with Nitrogen Bottles, Hydraulic Control Panel, Oil Piping, Valves, Fittings and all associated Auxiliaries for Unit # 1 & 2 (Set)	1	95.99
	a.5) Static Excitation and Regulation Equipment		
	a.5.01) Static Excitation Panel (Nos.)	2	72.68
	a.5.02) 250 kVA 11/0.433 kV Static Excitation Transformer Nos.)	2	9.15
	b) Unit Control Boards (Retained, hence not considered in the estimate)		
	c) Cooling Water System (Not included in estimate)		
	d) Drainage & Dewatering System	1	154.49
	e) Low Pressure Compressed Air System	1	44.40
	f) Spares		
	f.1) 1 (One) Spare Runner	1	369.75
	f.2) Spares @3% on item 1(a) to 1(e) (excluding cost of spare runner)	1	95.09
2	Refurbishment of 11 kV 1650 Amps Isolated Phase Bus Duct / Seggregated Phase Bus Duct for Generator - Transformer Connection, including LAVT, NGT and ICT, Surge Protection and Neutral Earthing System		
	2.a) Surge protection and V.T Equipment (LAVT) (Set)	2	19.42
	2.b) Neutral Grounding Transformer incl. Cubicle (Set)	2	7.25

	2.c) Current transformers in the main & tap off buses along with marshalling boxes (Set)	2	13.33
	2.d) Tools & Tackles for 11kV Bus Duct (Lot)	1	0.31
3	**Supervisory Control and Data Acquisition System (SCADA)**		
	3.a) Common Service Board (Set)	1	59.03
	3.b) Switch Yard Control Board (Set)	1	47.23
	3.c) Dam RTU (Set)	1	59.03
	3.d) SCADA System (including PCs, Printers etc) (Set)	1	118.07
	3.e) LVS (Set)	1	70.84
4	**Unit Control & Protection Panels**		
	4.a) Unit Auxiliary Boards (Retained, hence not considerd in estimate)	-	-
	4.b) Generator Relay Panel (Retained, hence not considered in estimate)	-	-
5	**Generator Circuit Breakers (Not provided)**	-	-
6	**Oil for First Filling**		
	6.a) Lubricating Oil & Governor Oil (Already included)	-	-
7	**Pressure Shaft / Penstock Protection Valve**		
	7.a) Lattice Door type Butterfly valve of Dia 2500 mm, maximum head 47 m, complete with Closing Counterweight, Inlet & Outlet Pipes, Bypass Arrangement, Air Valve, Anti Vacuum Valve, Oil Pressue Unit and all accessories for Unit # 1 & 2, mandatory spares, Ultrasonic Flow measurement device etc. in complete (Nos)	2	633.45
8	Spares @ 3% on Items 2 to 6		11.84
9	**Total**		**7,729.25**

Annex-S(3)

Renovation, Modernization & Life Extension Works of Khandong Power Station (2 X 23 MW)
Cost Estimates of Electro Mechanical Works
(Auxiliary Electrical Equipment For Power Station)

Price Level: March'2021

Sl. No	Item Particulars	Quantity	Cost vetted by CEA (Rs. Lakhs)
1	1a) 28.5 MVA, 11/132 kV 3 phase ONAN Generator Step Up Transformer with RIP Bushing, hydraulic jacks for lifting the transformer, Oil for first filling, Testing charges and Mandatory Spares	1	266.10
	1b) Conversion of Generator Transformer Cooling System to OFAF incl. spares	2	118.59
2	Unit Auxiliary Transformer 630 kVA, 11/0.415 kV 3 ph. Dry Type	2	31.03
3	a) Station Service Transformer 3 MVA, 132/33 kV, 3 ph. ONAN	1	89.43
	b) Plant Auxiliary Transformer 1 MVA, 33/11 kV 3 ph. ONAN (supply to BFVH)	1	27.29
4	Station Auxiliary Transformer 1 MVA, 33/0.433 kV, 3 ph. ONAN	1	13.50
5	DC Batteries, Battery Charging Equipment, DC Distribution Board with DC Switchgear (Rating ... V, ... AH, & ...V, ... AH) (Existing System to be retained, hence not considered in estimate)		-
6	a) Diesel Generating Set (Rating 415 V, 400 kVA) (Nos.) (including mandatory spares)	1	29.61
	b) Cables for DG Set (Lot)	1	4.12
7	a) Control & Power Cables (Lot)	1	30.00
	b) OFC for BFVH Connectivity (km)	2	2.96
8	Cable Racks, Trays, Supporting Structure and Accessories (Lot)	1	10.00
9	CCTV, Surveillance System & Telecommunication System (Set)	1	18.66

10	Ground Mat & Earthing for Dam, PH Complex and Pothead Yard		
	a) Repair/ Refurbishment, testing of Station grounding & earthing system (Lot)	1	10.00
	b) Lightning Protection of Switch yard and Power House (Lot)	1	10.00
11	Illumination of PH Complex, BFV House Chamber, Pothead Yard and Dam Site (Lot)	1	81.39
12	Electrical Workshop (Lot)	0	-
13	Electrical Test Lab & Testing Equipments (Lot)	0	-
14	Sub-total (Items 1 to 9)		641.28
15	Spares @ 3% of sl. no. 14 (excluding sl. no. 1a, 1b, 6a & 6b)		6.69
16	**Total (10+11+12+13+14+15)**		**749.36**

Annex-S(4)

Renovation, Modernization & Life Extension Works of Khandong Power Station (2 X 23 MW)
Cost Estimates of Electro Mechanical Works
(Auxiliary Mechanical Equipment and Services For Power Station)

Price Level: March'2021

Sl. No	Item Particulars	Quantity	Cost vetted by CEA (Rs. Lakhs)
1	Refurbishment of Electrical Overhead Travelling Crane for PH (Capacity 125 / 25 T) (lot)	1	54.77
2	Electrical Overhead Travelling Crane for GIS (Capacity ..... T) (Not applicable)	0	-
3	Refurbishment of Manual Overhead Crane for BFV House (Capacity 15 T) (Lot)	1	5.00
4	Electric Lifts and Elevators (Not Applicable)	0	-
5	Fire Fighting Equipment with Storage Tanks, Pipes, Pumps, Valves etc.		
	Upgradation of Emulsifier System and Portable Fire Extinguishers (Lot)	1	5.75
6	Heating, Ventilation and Air-conditioning		
	a) HVAC with centralized Air Conditioner, Ventilation Ducts, cassette dispensers Etc. (Lot)	1	25.33
	b) Air Dryer/ Dehumidifier for turbine pit (Lot)	1	5.00
7	Potable Water Supply for PH Complex and Pothead Yard		-
	1000 LPH RO System for Khandong Power House (Nos)	1	9.50
8	Oil Handling Equipment with Pipes, valves, tanks, purifiers (Retained)	0	-
9	Workshop Machines and equipment (Retained)	0	-
10	Sub-Total (Items 1 to 9)		105.35
11	Spares @ 3% on item 10		3.16
	Total (10+11)		**108.51**

Annex-S(5)

Renovation, Modernization & Life Extension Works of Khandong Power Station (2 X 23 MW)
Cost Estimates of Electro Mechanical Works
(Switchyard and Pothead Yard Equipment and Services)

Price Level: March'2021

Sl. No	Item Particulars	Quantity	Cost vetted by CEA (Rs. Lakhs)
1	132/33 kV Switchyard Equipments including Coupling Capacitors, wave traps, Las etc.		
	a) 145 kV, 1250 A SF6 Circuit Breaker for Station Service Transformer at Khandong SY	1	8.96
	b) Isolator / Pantograph with / withoutearthing blade (Rating 132 kV) (Retained)	0	-
	c) Current Transformers (Rating 132 kV) (Retained)	0	-
	d) Potential Transformers / CVT (Rating 132/√3kV/110/√3V)	3	6.86
	e) 120 kV Lightning Arrestors		
	e1) 120 kV LA in Switchyard (Nos.)	24	11.64
	e2) 120 kV LA in Transformer Yard (Nos.)	6	2.91
	f) Bus Post Insulators (Retained)	0	-
	g) Wave Traps (Rating 132 kV, 1250 Amps)	6	10.33
2	.... kV GIS Bays (Not Aplicable)	0	-
3	.... kV XLPE Cable / GIB (Gas Insulated Busduct) (Cables already included in S-3)	0	-
4	..... Phase, ... MVAR, ... kV, ... Type Shunt Reactor (Not Applicable)	0	-
5	Bus Conductors, Hardwares and Isolators		
	Conductors IPS tubing, Post Insulators, Hardware and Other Sundy Equipment (For upgradation of Power Handling Capacity of Switch Yard)	1	50.00
6	Protection Panels for Bus, Line & Reactor (Bus & Line Protection included in S-2)	0	-
7	D. C. battery, Charger and Associated Equipment (Retained)	0	-
8	Fire Protection System (included in S-4)	0	-

9	PLCC Equipment	1	12.75
10	Gantry, Foundation for Structures & miscellaneous civil works for other equipment like shield wire, insulators, lightning masts (Lot)	1	20.00
11	Fencing & Security (Retained)	0	-
12	Sub-total (1 to 7)		90.69
13	Spares @ 3% on 12		2.72
14	**Total (8+9+10+11+12+13)**		**126.16**

भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

केन्द्रीय विद्युत प्राधिकरण

Central Electricity Authority

तापीय सिविल अभिकल्प प्रभाग

Thermal Civil Design Division

विषय :- **Examination of Renovation & Modernization and Life Extension proposal of 2 x 23 MW Khandong Power Station, Assam - Reg.**

संदर्भ : 1. HERM Division Letter No. 13/2(NEEPCO)/2020/HE&RM/CEA/586 dated 26.10.2020
2. This Division File No. CEA-TH-18-11(14)/2/2021-TCD Division dated 16.02.2021
3. HERM Division email dated 27.04.2021
4. HE&RM Division email and letter dated 28.07.2021
5. M/s NEEPCO email dated 23.08.2021

महोदय,

Kind reference is invited to HE&RM Division letter (*under reference-1*) vide which DPR of Renovation & Modernization (R&M) and Life Extension (LE) proposal of Khandong HEP for the cost of Civil & HM works amounting to Rs. 7022.81 Lakhs was submitted to this Division for perusal and vetting. The Cost of Civil & HM works has been examined in this Division and observations on the same were communicated to HE&RM Division vide letter dated 16.02.2021 (*under reference-2*). In response to the above, HE&RM Division forwarded the compliance of the observations of this Division vide email dated 27.04.2021 (under Reference-3) and submitted the revised estimate of Civil & HM works.

Further, based on the observations of HCD, CWC, the cost estimate of Civil & HM works pertaining to the above proposal was modified/revised by M/s NEEPCO limited and finally, it was submitted for an amount of Rs. 7231.79 lakhs (*under Reference-4*). This Division examined the cost estimate of Civil & HM works amounting to Rs. 7231.79 Lakhs and vetted it for an amount of Rs. **6662.01 lakhs**. The followings have been kept in view while firming up the cost estimate

by this Division: -

- Based on the certificate of correctness of quantities submitted by the Developer i.e. M/s NEEPCO Ltd's certificate vide their email dated 23.08.2021(*under reference-5*), the Quantity of Civil and HM works has been examined and found in order .
- The Cost of HM works, O-Miscellaneous, M-Plantation and Q-Special T&P and Tools & Plants is on Lump Sum Basis.
- Assam PWD Schedule of Rates (SoR) 2013-14, has been used for Plinth area rates of Buildings works.
- Assam PWD SoR 2018-19 for roads, rates of work order of Kopili Power station and Guidelines of CEA for formulation of DPR of Hydro Electric Schemes 2015 (Rev-05), have been used for framing up the cost estimate.
- The Cost estimate of **Rs. 6662.01** Lakhs is inclusive of GST.
- The cost estimate of Civil and HM works has been prepared at March 2021 PL in consultation with the project authorities.
- The project authority may incorporate in the final DPR the items of works to be covered under subhead O-Miscellaneous, M-Plantation, Q-Special T&P, Tools & Plants.
- Pulse echo UT of power house which has been booked under subhead J-power plant works may be suitably booked under model test/studies under subhead A-preliminary.

A copy of abstract of vetted cost of Civil & HM works of the project is enclosed as Annexure-I for favour of information and further necessary action.

संलग्न – उपरोक्त अनुसार

Signature Not Verified
Digitally signed by DEEPAK RAGHUVANSHI
Date: 2021.10.03 20:15:28 IST

(दीपक सिंह रघुवंशी)

उपनिदेशक

निदेशक(एच.ई.आर.एम.),के0 वि0 प्रा0 दिनांक:02.10.2021

प्रतिलिपि सूचनार्थ: सदस्य(तापीय), के.वि.प्रा.

Annexure-I

ABSRACT OF COST

R&M of Khandong Power Station (2x23MW)

Sl No.	Description	Amount in Lakhs Rs.	Remarks
A	**Civil & HM Works**		
1	**Direct Cost**		
I	**Works**		
	A-Preliminary	122.62	Restricted to 2% of I-works as per CEA Guidelines
	B-Land	-	
	C-Works	744.00	As per estimate
	J- Power Plant Civil Works	4,940.77	As per estimate
	K-Buildings	82.00	As per estimate
	M-Plantation	10.00	Lump Sum
	O-Miscellaneous	50.00	Lump Sum (within the limits of CEA Guidelines)
	P-Maintenance during Construction	57.67	CEA Guidelines
	Q-Special Tools & Plants	20.00	Lump Sum
	R-Communications	89.41	As per estimate
	X-Environment & Ecology	-	
	Y-Losses on Stock	14.42	CEA Guidelines
	Sub-Total (I-Works)	**6,130.88**	
II	Establishment @ 8% of I Works	490.47	CEA Guidelines
III	Tools & Plants	10.00	Lump Sum
IV	Suspense	-	
V	Receipts and recoveries	-	
	Sub-Total (Direct Cost)	**6,631.35**	
2	**Indirect Cost**		
I	Capitalisation of abatement of Land Revenues	-	
II	Audit & Accounts Charges @ 0.5% of I works	30.65	CEA Guidelines
	Sub-Total (Indirect Cost]	30.65	
	Total (Civil & HM Works]	**6,662.01**	

I/20826/2022(1)

ANNEXURE-A

भारत सरकार
Govt. of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
जलविद्युत परियोजना मूल्यांकन प्रभाग
Hydro Project Appraisal Division

विषय: Detailed Project Report (DPR) for Renovation & Modernisation and Life Extension works of 46 MW (2x23 MW) Khandong Power Station, Umrongso, Assam – Vetting of phasing of E&M cost - regarding

Reference is invited to HER&M Division letter dated 03.01.2022 forwarding therewith NEEPCO letter dated 30.12.2021 enclosing therein phasing of vetted E&M cost at March 2021 PL of Khandong Power Station (46 MW) under R&M for examination and vetting by CEA.

HER&M Division vide letter dated 22.02.2022 forwarded construction schedule of Khandong Power Station vetted by TCD Division, CEA vide letter dated 14.02.2022. Subsequently, HPA Division vide email dated 28.02.2022 requested for equipment-wise phasing of vetted E&M cost. Accordingly, NEEPCO vide emails dated 07.03.2022 and 15.03.2022 submitted equipment-wise phasing of vetted E&M cost.

The phasing of vetted E&M cost of Khandong Power Station (46 MW) at March 2021 PL has been examined in this division and vetted phasing of E&M cost is enclosed at **Annex** along with the details as under:

1. Gross Installed Capacity : **46 MW (2x23 MW)**
2. E&M cost has been vetted as **₹ 12319.39 Lakhs** at March 2021 PL by CEA.
3. Design energy of the project is **217.0 MU**.
4. Main construction period of the project is 24 months.
5. Unit-wise commissioning schedule of the project is as under:

   Unit I- 23 months Unit II- 24 months
6. Out of vetted cost of E&M works of ₹ 12319.39 Lakhs at March 2021 PL, amount of ₹ 893.82 Lakhs has already been incurred upto November 2021 and proposed expenditure from December 2021 to March 2022 is ₹ 56.66 Lakhs. Further, the balance amount i.e. ₹ 11368.91 Lakhs has been phased over a period of 24 months on half yearly basis from April 2022 to March 2024.

संलग्न: उपरोक्त

आशीष कुमार लोहिया
15.03.2022

(आशीष कुमार लोहिया)
उप-निदेशक (एचपीए)

मुख्य अभियंता (एच.ई.आर&एम), के.वि.प्रा.

प्रतिलिपि:- श्री एच. भराली, प्रमुख (Corporate Affairs), नीप्को, 15, एन.बी.सी.सी टॉवर, भीकाजी कामा प्लेस, नई दिल्ली-110066

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Sewa Bhawan, R.K Puram-I, New Delhi-110066 Telephone: 011-26732762 Email: hpaone-cea@gov.in Website: www.cea.nic.in

Annex

Khandong Power Station (46 MW) in Assam
Abstract of phasing of E&M Cost (March 2021 PL)

Phasing of E&M cost		
	Half Yearly	**E&M cost (in Rs Lakhs)**
A. Pre-Construction		
Expenditure incurred upto November 2021		893.82
Proposed expenditure from December 2021 to March 2022		56.66
Sub-Total (Pre-Construction)		950.48
B. Main Construction (24 months)		
1st year	I	447.66
	II	1,239.22
2nd year	I	6,157.50
	II	3,524.53
Sub-Total (Main Construction)		11,368.91
Grand Total (A+B)		**12,319.39**

Photographs: Restoration works of Khandong P.S.



Inundation of Khandong PS



Damaged Valve house after Inundation.



Debris Clearance at Khandong PS



Debris clearance in Generator Floor



Debris clearance in Generator Floor



Diversion of Seepage Water



Identification and Re routing of Cable

REPORT OF THE COMMITTEE CONSTITUTED TO INVESTIGATE THE INCIDENT OF FLOODING OF KHANDONG STAGE-I & II POWER HOUSE OCCURRED ON 26.03.2022

1. Project Description:

Kopili HE Project located in Assam and Meghalaya border is a twin project comprising of 2 Dams, 2 Reservoirs, 2 Water Conductor Systems and 3 Power Houses. The upper Power House, namely, Khandong Power Station with 2 units of 25 MW each was commissioned in March and May, 1984. Subsequently 1(one) more unit of 25MW capacity was added in Khandong System in 2003 by constructing a Power House and extending the high-pressure tunnel (Penstock) from Khandong Surge Shaft. Khandong system comprises of a 66m high, 243m long Concrete Gravity Dam, 2.57km long Dyke, 2.83km long Water Conductor System. The Layout and Salient Features of the Project are enclosed at **Annex-I.**

The lower Power House, namely, Kopili Power Station with 2x50 MW installation was commissioned in March, 1988. 2 (two) units of 50 MW each were added in Kopili system in 1997 by extending the Power House (PH) and Penstock System. Umrong System comprises of a 30m high,143m long concrete gravity Dam, 4 no. of Dykes with combined length of 0.795km and 5.5km long Water Conductor System.

2. Constitution of the Committee:

Repair & maintenance of various components of the Khandong–I (2x23MW) & Khandong-II(1X23MW) Power Stations of the Project was continuing from 10.01.2022. On 26.03.2022 a mishap occurred at the Project when sudden and high inflow in the reservoir overtopped the temporary Bundh constructed for maintenance work, found way through the Khandong Tunnel Intake and as a result both the Power Stations got flooded and some structures got damaged. Two officers of the hydro power stations who rushed to the Surge Shaft of Khandong Power station were trapped on the way when a tree fell on them. Consequently, both of them died. One Contractual worker accompanying these officers was also trapped with them and died.

To go into complete details/ reasons of the mishap and make the assessment, a committee comprising of the members mentioned below have been constituted by the CMD, NEEPCO on 29.03.2022:

1. Shri H. L. Arora, Ex- Director, THDC
2. Shri Ashok Neog, ED(S&I), NEEPCO Ltd.
3. Shri R. M. Sonowal, ED (D&E), NEEPCO Ltd.

The mandates to the committee are as below:

(i) To go into complete details/ reasons of the mishap and make the assessment

(ii) To recommend measures for prevention of occurrence of such mishap in future

KHANDONG

3. Site Visit and deliberation by the Committee:

Committee members made a site visit to the project w.e.f 05th to 06th April'2022. During the visit various works front as well as accident sites were covered. The Head of Plant and other Project officials accompanied the members to various sites. During the site visit, the committee member interacted with all the concerned project officials to understand the sequence of events leading to the occurrence of

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the mishap, activities and actions taken prior to and after the mishap and also on various aspects of restoration and safety measures.

For detail study of the matter, the HOP KHEP was asked to submit the following documents which were received from the Project on 13.04.2022. The documents as received are detailed below:

i. Salient features of the project - **Annex-I**

ii. Works planned to be taken up (Minutes of meeting dt. July 21 indicating the works planned) - **Annex. II**

iii. Details of Award of work of various structures/works - **Annex-III**

iv. Preparations and preventive measures taken before start of work -**Annex-IV**

v. Rainfall data, water level and discharge data - **Annex- V**

vi. Details of Temporary Barrier along with sketch - **Annex-VI**

vii. Proposal and Permission from NERLDC for shutdown to take up the works - **Annex-VII**

viii. Status of work on the day of incident along with Photographs -**Annex-VIII**

ix. Details of Incident, evacuation of manpower/Equipment and lowering of Gates - **Annex-IX**

x. Detail of fatal accident, employee details, 1st information report and intimation in Form XIV to police, labour commissioner, District Administration etc. Preliminary enquiry report- **Annex-X**

xi. Resultant Damage to works along with photographs taken with Drones - **Annex-XI**

xii. A statement from concerned persons including contractor representative who were available at that time overseeing the Intake works, lowering of Gates, evacuation of manpower and equipment, Valve House, Surge shaft, Power House in charge and other power House personals- **Annex-XII**

xiii. Witness to fatal accident. Statement of surviving officer - **Annex-XIII**

xiv. Restoration measures taken immediately after the incident- **Annex-XIV**

xv. Restoration measures planned - **Annex-XV**

xvi. Detail Organisational setup system-wise for Khandong-Kopili Projects along with contact details i.e mobile and Email ID - **Annex-XVI**

Subsequently, after deliberations by the committee some additional documents were desired and the same has also been received.

4. Requirement of R&M Activities & its Planning:

Excessive wear & tear and erosion/ damages of underwater parts due to both ageing and effect of acidic reservoir water are the prime reason for taking up of R&M works of Khandong System. The R&M activities to be taken up were finalised jointly by D&E, O&M and Project officials (**Annexure-II**). During the initial planning, work was proposed to be started on 01st Dec'2021 and entire works were envisaged to be completed by 31st March'2022. The works identified to be taken up during the shutdown period are as below:

✓ Repair of Underwater HM components comprising of Trash Rack, Stoplogs, Intake Gate and Surge Shaft Gate

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- ✓ Repairing of Head Race tunnel
- ✓ Replacement of Butterfly Valve
- ✓ APM of Khandong Machines
- ✓ Painting and coating of Penstock steel liner of Stage-II power station
- ✓ The committee requested the O&M office to furnish the detail proposal placed before the NERPC for obtaining the permission of plant shutdown from 01.12.2021 to 31.03.2022.

5. Permission from NERLDC for Khandong stage-I & II:

5.1 NEEPCO first placed the proposal of plant shutdown w.e.f 01.12.2021 to 31.03.2022 in the 182nd OCC meeting held on 21.09.2021 duly highlighting the repair plans. The extract of NERCP meeting is as below:

"B.12 Planned shutdown of Khandong and Kopili Stg-II units: *It is proposed for all the three Units of both the Power Plant shall remain under shutdown w.e.f. 01.12.2021 to 31.03.2022 for the following activities:*

- ***(i)*** *Inspection and repairing of Khandong Head Race Tunnel, Trash Rack Gate, Intake Gate, Surge Shaft Gates, Steel Liner of HRT etc.*
- ***(ii)*** *Acid Proof Coating of Stage-II Penstock*
- ***(iii)*** *Installation and commissioning of Penstock Protection BFV System of Khandong.*
- ***(iv)*** *Annual Planned Maintenance of Khandong Unit# I & II.*

Deliberation of the sub-Committee:

Director(O&P), NERPC requested NEEPCO to postpone the shutdown from 04.01.2022 to 30.04.2022 so that there is no interruption of power supply during the festive period. DGM, NEEPCO stated that intake gate and stop log gate has to be repaired during the shutdown period. Further he stated that NEEPCO is eager to complete the works ASAP in order to avoid a Kopili like tragedy at any cost. EE, SLDC, MeECL stated that since Misa-Kopili-Khandong link is unavailable the Khandong generation is very much essential for Meghalaya during the lean season and the suggestion of Director(O&P), NERPC may be accommodated. After detailed deliberation it was decided that NERLDC would conduct a detailed system study and present in the next OCC meeting for discussion."

5.2 In the 183rd meeting held on 03.11.2021, the matter of shutdown of the plant was again taken up. During the meeting, DGM, NEEPCO stated that intake gate and stop log gate has to be repaired during the shutdown period. Further he stated that NEEPCO is eager to complete the works ASAP in order to avoid a Kopili like tragedy at any cost. The deliberations of the committee are as under:

"Deliberation of the sub-Committee:

- *DM, NERLDC informed the forum the following results of System Study:*
- *Meghalaya load during Peak Hours is 384MW with generation at 118MW*
- *In N-0 condition with 42MW generation from Leshka 370MW demand can be met.*
- *In N-1 condition (one circuit of 132kV Umiam Stg-III to Umiam Stg-I) 250MW demand can be met.*

EE, SLDC, Meghalaya informed that Study Results indicate a very alarming situation and would involve very heavy load shedding during the Festive Season. The

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shutdown of Khandong and Kopili Stg-II would further aggravate the situation. CE, MePTCL stated that without the Misa-Kopili-Khandong link Meghalaya Power System would be extremely vulnerable. He enquired of NEEPCO the status of the Kopili 220kV Switchyard. GM, NEEPCO informed that under present tender, Bay construction at Kopili for restoration of the above stated link has been kept on priority. Further, with Single Bidder Participation they have quoted very high price and NEEPCO shall be meeting with vendors for competitive price determination. The tentative Completion date is Sep'22.

CGM(AM), NERTS informed that the diversion works have been completed and the line(s) shall be restored matching with NEEPCO switchyard restoration. Further NERTS requested NEEPCO to expedite the construction of Control Room for controlling the bays, which were damaged during devastation, and the upcoming bays being constructed by POWERGRID.

The forum requested NERPC to include the following in item No. C.2 for monitoring:

a) *220kV Misa-Kopili D/C, 220/132kV ICTs at Kopili and 132kV Kopili-Khandong D/C*

b) *Re-conductoring of 132kV Umiam Stg-III to Umiam Stg-I*

c) *CE, MePTCL noted that with the commissioning of 220kV Mawngap-Killing there would be no constraints in drawing upto the full demand of Meghalaya. He asserted for early commissioning of the same.*

After detailed deliberation the forum tentatively approved the shutdown of Khandong Units from 04.01.2022 to 03.05.2022".

In the 185th meeting held on 15.12.2021 the proposal of shutdown was again placed before the OCC and permission of shutdown for the period w.e.f 10th Jan'2022 to 09th May'2022 was approved. Minutes of meetings are enclosed as **Annexure – VII.**

5.3 **Work Plan:** On receipt of the permission of plant shutdown for the period 10.01.22 to 09.05.2022, the depletion of reservoir was started by opening of the depletion sluice gate of Khandong Dam on 10th & 11th Jan'2022 and reservoir were depleted up to El. 703.0 m on 16.01.2022 (Weir Level of approach channel at 702.15 m) and the work of bundh construction was started using gunny bags filled with locally available material. The plan of reservoir and cross section of the approach channel is enclosed as (**Annexure-XVII**). The Layout of the Khandong Water conductor system has Inlet bell mouth and Intake Stop log gate groove inside the reservoir. Therefore, to take up repair maintenance of Intake structure and HM Components, it was required to deplete the reservoir and divert the inflow through the two sluices provided in the dam. Due to the inherent limitation in the discharge capacity of the sluices, during repair maintenance the system becomes vulnerable to fluctuation of the flow in the river. Therefore, it is desirable to restrict the period of such repair work to lean flow period only.

Considering the site specific restraints, type of selected construction material and the necessity to remove the barrier and timely clearance of the site, it was decided to construct a 3.0 m high bundh i.e top EL of Bundh at 705.15 m. Adequacy of the top elevation of the bundh to withstand the dry season flood particularly in the month of march was checked with the observed discharge in the month of march during the period from 1998 to 2010 as mentioned in the SoP of KHEP (**Annexure-XVIII**). It was found that the bundh can withstand a flood with peak flow of 330 cumec which was considered to be acceptable when compared with the peak discharge observed during March'99 i.e 197 cumecs. The sketch and details of bund is enclosed at **Annexure -VI**).

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The reservoir was disconnected from intake approach channels on 20.01.2022. The tunnel emptying was accomplished through butterfly valve and penstock drain pipes and the dewatering activity was completed by 26th Jan'2022. For physical inspection of HRT and taking up of subsequent repair works, various facilities such as construction of bamboo bridges in front of Intake and in the pit of surge shaft area were completed by 07th Feb 2022. A joint inspection involving D&E were done on 08th Feb'2022 and the scope of HM and civil works were freezed duly considering the available shutdown period as well as onset of monsoon (**Annexure- XIX**). Further, the work plan as finalised earlier were reviewed by the Project Authority and a fresh plan to complete the work within the schedule shutdown were chalked out on 10th Feb'2022 (**Annexure-XX**). As per the revised plan the R&M activities of HM components and HRT upto Intake Gate Shaft were planned to be completed by 31st March'22 with continuation of works on the downstream side of intake shaft with completion time of 09th May'2022.

During the execution of work, the officials from D&E and 0&M Deptt. also visited the project site during repair works (**Annexure-XXI**)

6. **Status of Work on the Day of Incident:** Status of works on the day of incident as received from the Project is reproduced below:

Sl. No	Description of work	Status as on 26/03/2022
1	Enabling works: -	
a	Opening of Dam Sluice Gates	Completed on 11/01/22
b	Creation of temporary barrier with sand bags in the access tunnel to	Completed on 16/02/2022
c	Dewatering of the pool in-front of the Trash Rack Structure.	Started on 28/01/2022 and continuing.
d	Construction of bamboo access ladder across the pool in-front of the	Completed on 07/02/2022
e	Construction of scaffolding around the Trash rack structure.	Completed on 22/03/2022
f	Electrification of the HRT	Completed
2	Repair Works (Hydro-Mechanical): -	
a	Trash Rack Structure: -	
	Removal, sand blasting, painting and re-installation of Trash Rack Panels (30 Nos).	*Removal completed (100%) *Sand blasting and painting completed: - 10Nos out of 30Nos
	Thickness mapping of the Guide Channels. Repair with weld buildup	Thickness mapping was completed on 25.03.2022.
b	Stoplog Gate: -	
	Breaking, removal and Replacement of existing damaged bottom seal	Completed
	Concreting of bottom seal beam.	Completed on 10/03/2022

	Removal of damaged existing side guide track and replacement with	Removal of old 2nd stage EP & fit-up of new 2nd stage EP (with
	SS cladding of the existing damaged lining.	Fit-up completed. Welding was in progress
	Replacement of existing damaged rubber seals	Completed
c	Intake Bulkhead Gate: -	
	Removal of damaged existing side guide track and replacement of the same with SS guide track.	Removal of old 2nd stage EP & fit-up of new 2nd stage EP (with SS) completed. The Gate was planned for trial run on 26.03.2022 at 4:00 pm.
	SS cladding of the existing damaged	In progress
	General maintenance of the Gate and RDH arrangement.	Hoist was checked and made ready for lowering of Intake Gate
d	Surge Shaft Gate: -	
	Breaking, removal and Replacement of existing damaged bottom seal	Fabrication of EPs was in progress
	Removal of damaged existing side guide track and replacement of the	
	SS cladding of the existing damaged lining.	Fabrication of steel plates was in progress
	Replacement of the existing damaged rubbers seals.	Not yet taken up
	General maintenance of the Gate and RDH arrangement.	Not yet taken up
e	Penstock of Stage-II (1 x 25MW): -	
	Hydro-blasting and painting of penstock (470M Long of dia 3.2m &	In progress @ 25% completed.
3	Repair Works (Civil Works): -	
a	Repair of damaged concrete lining in the SPL & Crown with cement	In progress.
b	Re-surfacing of tunnel invert with high abrasion resistance cementitious mortar	Surface preparation was in progress.
4	EM Works: -	
a	Annual Planned Maintenance of	Completed
b	Annual Planned Maintenance of Khandong Unit II	Started on 21/03/2022 and was ongoing

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c	Replacement of PPV and two numbers of penstock ferrules at	Started on 01/02/2022 and was ongoing

The works of Intake gate was going on as per the revised plan. The intake gate was reportedly due for trial run on 26.03.2022 at 04:00 pm (Status as on 26th March morning is enclosed as **Annexure-XXII**). After trial run, the gate was planned for lowering with continuation of the work on the downstream of the Intake Shaft.

The committee asked the Project Authority to produce documentary proof of their plan for trial run on 26.03.2022 at 04:00 pm. In response, copy of WhatsApp message sent by Project Official to the ED(O&M) has been furnished. Copy of the same message as received by the ED(O&M) also has been made available (Copy enclosed as Annexure- **XXIII**).

7. **Precautionary measures taken by the Project Authority:** As precautionary measure, the Project has constructed a bundh capable to hold historical inflow of March on the upstream of the Intake. Also, it was calculated that in case of excessive inflow a response time of approx. 10 hrs shall be available and within the time the evacuation of manpower and closure of gate can be done. The Committee desired that the hydrological calculations done by the Project Authority may be got examined by the D&E wing of the corporation to check the adequacy of the height of the bundh. The D&E wing has examined the calculation done at Project Level by using HEC-RESSIM software (**Annexure- XXIV**). A flood frequency analysis was carried out through the D&E Wing by considering the available hydrological data and it has been observed that the peak flow in the month of March considered by the Project Authority in deciding the Bundh height corresponds to a peak flow of 100 years return period for the Months of March for the Project is reasonably in order (**Annexure-XXV**).

8. **Rainfall data, water level and discharge data:** It has been intimated by the Project Authority that installation of Automatic Weather Stations in the Catchment for setting up flood warning system for the project is presently in progress. The work is being executed through North East Space Application Centre, Umiam, Meghalya. The status of the progress of the work is enclosed as **Annexure-XXI**. In absence of AWS, data of rise and fall in reservoir water level only are being recorded at the dam site and correlated with Area-Capacity Curve for estimation of water availability for power generation. A copy of the Water Availability Study of the Project recently approved by the CWC is enclosed (**Annexure-XXVI**).

The Project Authority furnished Remote sensing data of rainfall for the period from 25th to 27th March 2022 (**Annexure- V**).

9. **Details of Incident, evacuation of manpower/Equipment and lowering of Gates:**

The works of Intake gate were going on as per the revised plan. The intake gate was reportedly due for trial run on 26.03.2022 at 04:00 pm (Status as on 26th March morning is enclosed as **Annexure-XXII**). After trial run, the gate was planned for lowering with continuation of the work on the downstream of the Intake Shaft. However, due to rains in the catchment area on 25/26th March in the dry season resulted in flood in the Kopili River. Due to flood, the level of reservoir started rising and the Bund constructed at the approach channel for taking up planned repair and renovation had overtopped at 10.45 AM on 26.03.2022 leading to uncontrolled ingress of water from the Kopili Reservoir into the Khandong HRT.

The details of incident and subsequent restorations measures were discussed with Shri Chinmoy Deka, Head of the plant, Shri B. C. Borah, GM (C), KHPS and other

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officials of the Project. A brief report of the incident was also submitted by the Head of Plant to the committee members.

The statement of Shri T. Lyngdoh, GM (C), i/c: HSM-I&II (Civil &HM Works), Shri B. Sarkar, Sr. M (C), HSM-I, Shri Purneshwar Basumatary, Sr. M (E/M), Shift Incharge, Power House, Shri Sashank Singh, Dy. M (C), HSM-I were recorded. In addition, statement of Shri B. Naresh, Astt. Manager, M/s PES Engineers Pvt. Ltd executor of HM works and Shri Awanish Kumar, Site Engineer Civil, M/s APS Hydro executor of the Civil Works were also recorded (Report of HoP and Statements of other officers are Enclosed as **Annexure-XXVII** (including statement at **Annexure-XII**).

The details of incident were also discussed with ED (O&M) and ED (D&E). A brief report from ED (O&M) and ED (D&E) enclosed as **Annexure-XXVIII**

9.1 The sequence of events leading to the incident and its after effects are summarised as below:

i. Based on weather forecast by IMD as on 22nd March 2022, rain in the catchment area was expected from the 25th March 2022 to the 28th March 2022. Screen shot of the District-wise weather forecast of 25th March 2022 was forwarded by the GM (C), HSM-I &II to Shri A. Suresh Kumar, M/s PES Engineers Pvt. Ltd., on the 22nd March 2022 at 21.43 Hrs. The same screen shot of the weather forecast was forwarded to Shri B. Sarkar, Sr. Manager (C), NEEPCO on the 23rd March 2022 at 9:26 Hrs. (Screenshots enclosed as **Annexure-XXIX**)

ii. On the 25th March 2022, at around 22:30 Hrs, light rain with gusty wind was experienced in Umrangso / NEEPCO colony area. At 22:36 Hrs, the GM (C), HSM-I&II contacted locals of Sutnga in the catchment area of the Kharkar River (proposed site for AWS) and information about intermittent rain in the area from evening was received. The GM (C), also tried to contact local people of Saibual village in the catchment area of Kopili River (proposed site for AWS) at 22:35 hrs but could not connect due to very poor connectivity in this area. The catchment area detail is enclosed as **Annexure-XXX.**

The GM (C), HSM-I&II was in touch with site people and till 6:35 am no rise in reservoir level was observed.

iii. Thereafter, water started rising and level of 702.3 m was observed at 7:00 AM. At 07:46 Hrs, Shri Shivraj Hasnu, an electrician engaged in Khandong Dam site informed the GM (C) regarding the rise in the water level. A message with a photograph of the Channel taken at 7:45 AM was also received by (L) Shri Jayanta Hazarika, Manager (C), which was forwarded to the GM (C) by him.

iv. Meanwhile, at 7:45 AM, Shri Awinish Kumar, Site Engineer of M/s APS Hydro received a call from Shri Piku Paul, Pump operator at Intake area regarding rise in water level. On reaching the site at 8:00 AM, he send the photographs of rise in water level to (L) Shri Jayanta Hazarika, Manager (C) at 8:22 AM. He immediately mobilised labour to collect additional gunny bags filled with soil and started making additional line of filled gunny bags on top of existing barrier. The persons working inside the tunnel were also called back.

v. Further, at 8:15 AM Mr. B. Naresh, Astt. Manager of M/s PES observed slight increase in water level in the reservoir and along with wind and some drizzle. He immediately informed Mr. B. Sarkar, Sr. M (C), NEEPCO regarding increase in water level and probability of power cut due to windy condition. Mr. Sarkar instructed him for Back Up DG power to Intake Hoist and work fronts and to start lowering of Intake Gate after clearing the groove area. Accordingly, Mr Naresh went to intake

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gate area and started process of clearing the scaffoldings created for repair works and to make groove clear of obstructions for lowering of the Intake gate and connected the power from DG to the hoist.

vi. At 9:31 AM, Mr. B. Sarkar instructed Mr. Gorakh from M/s Gulachi (Applicator of Asian Paint) to evacuate Khandong Stage-II HP Tunnel and by 9:41 all worker started moving out from the tunnel.

vii. Similarly, at 9:41 AM, Shri Abhijit Kalita, DGM (E/M) in-charge Khandong Power station was informed to evacuate all manpower from both the power station and valve house. Accordingly, Shri Purneshwar Basumatry, Sr. M (E/M) Shift In-Charge of Power House started evacuation of all the person from Power House and Valve House.

viii. All the manpower engaged in welding of Stoplog Gate, HRT repair, anti-corrosive painting of Khandong Stage-II Penstock, Valve House and Power House were evacuated. The equipment, mobile phone, Shift In-charge Diary could be retrieved and DG Set at 25MW Khandong Stage-II could be dragged to a safer ground using Hydra Crane. However, 12-13 manpower in the Intake Gate Groove were continued to work for clearing the groove.

ix. At around 10:25AM, the water started splashing the top of the barrier due to wave action and fearing overtopping of the barrier, GM (C), HSM-I&II instructed everyone to come out as the barrier was about to be overtopped. Eventually, everyone including Shri B. Sarkar, Sr. Manager (C) -who was supervising the work, came out between 10:35AM to 10:40AM, after having cleared the gate groove and given command to lower the Intake Gate. The gate started travelling for approximately 10 Mins, meanwhile the barrier was overtopped leading to uncontrolled flow of water inside the tunnel. Thereafter, the gate continued its downward journey which normally takes about 1 hour 20 minutes but could not penetrate the force of highly turbulent flow inside the tunnel and got stuck.

x. In this situation a free flow condition established with the flow exiting the HRT through the Khandong –I HPT outlet and the Manhole at Khandong – II Anchor Block, which were opened for repair/ maintenance works. The discharge gushed down the hill slopes and inundated the two Power stations causing extensive damage to the Ground and structures that came on its way before it joined the Umrong reservoir through Tail Race Tunnel. Intensity of the discharge and the associated damage kept on increasing with the rise in the level of the Kopili reservoir, where the water level rose by more than 11.0M within a period of 24 hours despite having the two sluices of Khandong dam fully opened.

xi. Meanwhile, after being unable to close the Intake Gate initially, arrangements were made on war footing to put additional weight and Jack down the Gate and finally the Gate could be closed on 27.03.2022 at 10:30 AM".

9.2 **Observation of Committee on the Incident:** On perusal of the above, the committee observed the followings

i. The Project Authority perceived an emergency situation and took action for evacuation & closing of the Intake Gate at around 8.00 AM.

ii. Evacuation of all personnel from all work front extending from Khandong Intake up to the inside of Khandong-II HPT could be done

iii. Lowering of the Intake gate could be started at around 10:40 AM but it could not be placed in position due to turbulent action of the free flow in the tunnel that started before the gate could reach the tunnel.

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iv. The Intake gate could be finally closed by making additional arrangement on the following day i.e on 27.03.2022.

The committee tried to understand if there was possibility to initiate urgent action for evacuation and lowering the Intake Gate, which takes about 90 minutes to complete its 45 M travel at the specified travel speed of 0.5M/ Minute, prior to 8.0AM and asked the Project Authority to explain why urgent action could not be taken prior to 8.0AM. On this the Project Authority provided explanation (Ref **Annexure-XXXI**), where in the following reasons have been submitted

i. Fluctuation in the inflow during dry months in not unusual.

ii. By considering peak flow in the dry months December to March the Bundh height was provided.

iii. In the Bundh study it was observed that RWL rises to about EL702.80 when the inflow rate touches the observed maximum i.e. 197.0Cumec. If the inflow continues to rise as per the design flood hydrograph of the Project, it takes about 10.0Hours for the RWL to touch the Bundh top EL 705.00M with Khandong dam Sluices in Open condition and this period of 10.0 Hours was considered as comfortable response time.

iv. In consideration of above, the EL 702.80M was considered as alarming level for urgent action.

The Committee further tried to understand the action taken for closing the Surge Shaft gates after perceiving emergency situation and asked the Project Authority to explain the same. On this the Project Authority submitted the followings **(Annexure-XXXII)**.

i. After perceiving emergency situation, action was taken for evacuation of all personnel working inside the Khandong Tunnel and Khandong-II HPT. By 9.40 AM complete evacuation was confirmed.

ii. Thereafter, action for lowering the two Surge Shaft Gates was started but it could not be continued due to disruption in power supply to Surge Shaft. High wind on the day caused fault in the LT Power Line extended to the Surge Shaft.

10. Detail of the fatal accident:

A team of NEEPCO Engineers and staff proceeded to the Surge Shaft area from Stage-II power House at approx. 1:20 pm. While going to the Surge Shaft area, at around 01:40 PM a big tree fell due to gusty wind which was blowing in the project area fell on three of the team members in the vicinity of Anchor Block of Khandong Stage-II. (L) Shri Anupam Saikia, Dy. Mgr (Civil) and (L) Shri Demiraj Johari, Contract labour died on the spot itself. (L) Shri Jayanta Hazarika, Manager (Civil) who was severely injured in the accident and brought to the Primary Health Centre of the Project where he succumbed to his injuries at around 03:15 PM. Three members of the team escaped unhurt (Two of whom were ahead and one was behind). The statement of Shri Rana Baruah, Dy. Manager (C), HSM who escaped unhurt is enclosed. The intimation of fatal accident was conveyed to The Labour Inspector, Govt. of Assam, Chief Inspector of Factories Assam, The Deputy Commissioner, Dima Hasao District and The Officer Incharge, Umrangso Police Station by the Project Authority (**Annexure-X**)

11. Resultant Damage to the Structures:

Due to overtopping of Bundh and non-closure of Intake Gates, a free flow condition established with the flow exiting the HRT through the Khandong –I HPT outlet which

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was opened for replacement of Penstock Protection Valve and to undertake repairing of HRT which is common to both the Power Station and through the Manhole at Khandong – II Anchor Block, which were opened for coating/painting of Khandong Penstock. The discharge gushed down the hill slopes and inundated the two Power stations causing extensive damage to the Ground and structures that came on its way before it joined the Umrong reservoir through Tail Race Tunnel. Intensity of the discharge and the associated damage kept on increasing with the rise in the level of the Kopili reservoir, where the water level rose by more than 11.0M within a period of 24 hours despite having the two sluices of Khandong dam fully opened. The two Power Station buildings and the Tail races, Khandong – I Valve house and Penstock, Khandong – II Anchor block and the surrounding area were inspected and following resultant damages were observed by the Project Authority:

11.1 Khandong – I:

i. **P.S Building, TG Equipment etc.:** Debris got deposited inside and surroundings of the building including the Tail pool and Tail race in large volume. External wall on upstream side got breached partially. The inside of the building was accessible only up to the service bay area.

All the Turbine and Generator of both the Units including all control and Auxiliary system inside the building appeared to be buried under the deposited debris.

Although, the G.T yard was also inundated and debris got deposited there, the two G.T.s appear to be without any visible damage.

Cables in the cable trench from the Tail pool to P.S building got twisted with the trenches filled up with debris.

The two D.T Gates were found to be in position intact, but the hoist and the platform got buried under debris.

Major damage in all electro-mechanical components is anticipated and being examined. The ongoing work of BFV's was completely stopped, and all the components and tools were washed away by gushing water and was lying in slopes and near Power House.

ii. **Tail Pool & TRC:** Debris got deposited in the Tail Pool and TRC in large volume. Crated Boulder/ masonry/PCC structures at the TR Open channel area got damaged/ breached at several locations.

iii. **Penstock:** Top soil and surface treatment works on the Penstock slope got washed out **extensively** including large part of hill slope on its right side up to a large depth leaving deep channels and craters. All the saddles and Anchor blocks appear to be intact in position.

iv. **HPT Outlet portal and Valve house:** The Anchor block encasing the Y Piece at upstream of Penstock B.F Valve got detached from the HPT Portal and settled by about 6.0m and moved down stream by about 2.0m. This happened due to extensive erosion of poor rock at the foundation of the Anchor block.

The soil/ rock at the foundation of the adjoining Valve house building got extensively washed out and consequently the building toppled towards upstream and fell upon the Y Piece Anchor Block and got damaged beyond repair.

v. For replacing the old B.F valves of the Penstocks, two new B.F Valves with inlet & outlet pieces were brought to the Valve House building. In the catastrophic incident, the new Outlet pieces got washed away and found to be lying in partly buckled/twisted condition near the P.S building. Out of the two new Valves, one is

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found lying in the toppled V.H Building and the other a bit downstream beside the Anchor Block 1 of the Penstock 2.

vi. **Khandong S.Y:** Although the S.Y area and all equipment & structure remained unaffected in the incident, the Panels inside the PH got totally buried, Cables connecting the S.Y with the two P.S appear to be in twisted state in the portions where the Cable trenches were inundated.

vii. **Transmission Line Tower:** Three Towers in the Khandong - Khleriat Transmission Line 1 & 2 belonging to PGCIL have been affected by the extensive erosion of ground on the right side of the Khandong Penstock. While one tower of the KH-KL T/L 1 toppled and conductors got snapped, one foundation each of two towers of the KH-KL T/L 2 got exposed and found to be in hung state.

11.2 Khandong – II:

i. **P.S Building, TG Equipment etc.:** Although the P.S building and its surroundings got inundated up to about 1.5-2.0 m above the Service Bay floor level, extent of deposition of debris inside the building was found to confined in the Service Bay area only. No visible damage to any structure and equipment inside the building was noticed.

Outside of the building including the G.T yard were covered with deposited sandy debris.

The D.T Gates and hoists and the G.T were found to be in position intact without any sign of visible damage, though covered under substantive amount of sand.

The flow gushing out of the Man hole in the Anchor block caused extensive damage to the ground and contour drains on upstream of the P.S building causing formation of deep channels and craters. Large slides occurred on the section of the Surge shaft road between the Anchor block and the P.S.

Major damage in all electro-mechanical components anticipated as on date.

ii. **Tail Pool & TRC:** In the Tail pool debris/ silt up got deposited up to a level above the invert of the TRT. In the TR duct, deposition of clayey/ silty material has been noticed. No damage to any structure in the TRC was noticed.

12. Restoration Measures taken and action plan: Restoration measures taken immediately:

12.1 Debris removal from the P.S Buildings: In order to enable start of cleaning all TG Equipment, Auxiliary etc. and its possible restoration as early as possible at both the P.S in general and the Khandong II in particular, it is necessary to complete removal of debris deposited inside the P.S buildings and its approaches as early as possible. Machineries were deployed from the 27th March 2022 (afternoon) onwards.

12.2 Restoration of Power Supply: After detail study, discussion & visit of APDCL office at Umrongso and Haflong and examining different options, it was decided to go ahead with the option of charging Umrongso-Khandong 132KV line as radial feeder from U/so and by charging any of the 132/33 KV transformers, thereby Khandong 33 KV sub-station bus would be charged.

Since existing 33 KV system is in order, this would restore the power supply. In order to minimize time, required protections relays & necessary control shall be procured from GE T&D with shortest possible delivery and getting the panel ready at site in existing workable panels retrieved from Kopili PS. Services of service group

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of GE shall be obtained for assembling, wiring & commissioning of the same in minimum time.

One 220 V Battery bank with charger from Kopili PS shall be shifted to Khandong, for the control supply for the panel.

In parallel, availability of required relays may be explored from other O&M stations.

12.3 All outgoing/ Incoming feeders (both 132 and 33 KV) were discharged locally from Khandong Switch Yard.

12.4 NERLDC was contacted over phone and receiving end breakers of 132 KV feeders were opened.

12.5 Further, planned restoration measures vis-à-vis present status of the work is enclosed as **Annexure-XXXIII**.

13. Reasons of the mishap and assessment by the Committee: Based on the documents submitted and discussion with Project officials, ED (O&M), Design Deptt. the reasons of the mishap and assessment by the committee are summarized below:

13.1 NEEPCO first placed the proposal of plant shutdown w.e.f 01.12.2021 to 31.03.2022 in the 182nd OCC meeting held on 21.09.2021 duly highlighting the repair plans, but due to grid constraint it was not approved. In the 183rd meeting also it was approved with tentative schedule w.e.f 04.01.2022 to 03.05.2022. In the 185th meeting held on 15.12.2021 the proposal of shutdown was again placed before the OCC and permission of shutdown for the period w.e.f 10th Jan'2022 to 09th May'2022 was approved.

Due to the shift of the approved work period (i.e., from 10.01.2022 to 09.05.2022) from the earlier intended period (01.12.2021 to 31.03.2021), a revised work program was prepared with the aim of completing all the repair works on the upstream of Intake Gate Shaft including Embedded parts and Liner of Intake Gate by 31st March'22 and others by 09th May'2022The repair maintenance planned for the year 2021-2022 was taken up during the period approved by the Grid Authority. The items of repair maintenance works taken up at the Khandong WCS and Penstock of Kopili HE Plant w.e.f 10.01.2022 were as per approved program.

This has pushed the weather linked activities towards the monsoon period. As the time period available for repair work was very short, the repair activities were planned to be done parallel.

13.2 Due to overtopping of Bundh and non-closure of Intake Gates, a free flow condition established with the flow exiting the HRT through the Khandong –I HPT outlet which was opened for replacement of Penstock Protection Valve and to undertake repairing of HRT which is common to both the Power Station and through the Manhole at Khandong – II Anchor Block, which were opened for coating/painting of Khandong Penstock. The discharge gushed down the hill slopes and inundated the two Power stations causing extensive damage to the Ground and structures that came on its way before it joined the Umrong reservoir through Tail Race Tunnel. Intensity of the discharge and the associated damage kept on increasing with the rise in the level of the Kopili reservoir, where the water level rose by more than 11.0M within a period of 24 hours despite having the two sluices of Khandong dam fully opened.

13.3 Based on the available RWL and the given free outflow of water through the outlet of Khandong WCS till closure of the Intake gate, an estimate of inflow from 26.03.2022 to 27.03.2022 has been made by the D&E Wing of NEEPCO and it has

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been found that the estimated peak inflow during the period was in the order of 1450 cumecs.

Qualitative Remote Sensor record of rainfall collected by NEEPCO from NESAC indicate high intensity precipitation in some parts of the catchment. Although the quantum of runoff could not be worked out from the record, the period of rainfall seems to corroborate with the reported time of rise in the flow in the river.

Although enough data of RWL vs Time is not available, it is inferred by the committee that the rise of RWL up to EL 705.0M with two dam sluices in open condition itself proves the incidence of a flood of very high return period and this was also probably associated with a concentration time lesser than the design flood hydrograph of the Project.

14. **Recommendations of the Committee:** The committee examined the critical points and chain of events in the mishap vis-a-vis the project specific issues and constraints and offer the following recommendations for prevention of occurrence of such mishap in future.

14.1 As the repair works of water conductor system is to be done in lean season, the permission of NERLDC should be taken in advance. In case of any delay, same should be communicated to Sr. Officer's of NEEPCO/MoP/NERLDC for proper resolution.

14.2 The Bundh and preparedness for any unforeseen excessive inflow should be properly planned duly taking into consideration of the experienced rainfall/flood occurrence on 25/26th Jan'2022.

14.3 After construction of Bundh, first of all embedment of stoplog to be repaired. After repair, stoplog should be lowered and then only Intake Gate to be opened.

14.4 Installation of AWS to be done on priority. Till then Persons of NEEPCO to be posted in catchment area of Kharkor and Kopili reservoir with satellite phone for giving the information of rainfall during the period of repair works.

14.5 Provision for Emergency power supply to all gates must be kept. The operation of gates and DG sets should be done regularly.

14.6 Feasibility to raise the level of the platform of launching the Stop log gates above the MWL, to merge all stop logs into a single gate and providing a dedicated hoist may be examined so that this may be fully & effectively useful as an Emergency Intake Gate.

14.7 Feasibility to increase the weight of the Intake Service Gate and / or providing a removable jack system therein for use in a situation faced in the mishap may be examined.

14.8 Feasibility of using alternative materials like rubber dam etc in lieu of earth/sand filled sacks for better performance and re-use may be explored.

14.9 In consideration of global climate change and other reasons, Statistical flood frequency analysis and forecast may not be fully relied upon specially in case of non-monsoon/ dry season period as experienced in the instant case for planning critical works in the Project that make the entire project vulnerable. For this, additional precautionary measures should also be taken.

14.10 Emergency response time for situations as experienced in the instant mishap should be kept as low as possible by suitably planning / staggering maintenance & repair activities.

14.11 Condition of all road side trees in the project may be assessed from time to time and necessary remedial measures may be taken regularly.

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15. Conclusion:

Based on the sequence of events and circumstances explained as above, the committee is of the view that:

- The mishap occurred was the combined effect of the very high dry season flood in the river having not only very high peak but also lesser concentration time.
- All workmen have been evacuated without any injury and casualty from all work fronts extending from Khandong Intake up to the inside of the Khandong-II Water Conductor System. This shows alertness of the Engineers at work site.
- During visit, it was observed that the staff of NEEPCO and working agencies were highly motivated and making all out effort to complete restoration works.

20/4/22	20/4/22	20/4/22
(R. M. Sonowal),	(Ashok Neog),	(H. L. Arora),
ED (D&E), NEEPCO	ED (S&I), NEEPCO	Ex-Dir (Tech), THDC
Member	Member & Convenor	Chairman

भारत सरकार Government of India
विद्युत मंत्रालय Ministry of Power
उत्तर पूर्वी क्षेत्रीय विद्युत समिति
North Eastern Regional Power Committee
एन ई आर पी सी कॉम्प्लेक्स, डोंग पारमाओ, लापालाङ, शिल्लोंग-७९३००६, मेघालय
NERPC Complex, Dong Parmaw, Lapalang, Shillong - 793006, Meghalaya

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Website: www.nerpc.nic.in

No. NERPC/SE (O)/OCC/2022/**1275-1283** Dated: June 27, 2022

Subject: Report on Visit of Member Secretary, NERPC to Kopili HEP & Khandong HEP to assess damage and review status of restoration works.

The Report on the Visit of Member Secretary, NERPC to Kopili HEP and Khandong HEP to assess damage and review status of restoration works on 06th May, 2022 and 07th May, 2022 is hereby enclosed.

This issues with the approval of competent authority.

(S.Mukherjee)
Asst.Secretary

1. ED, NERLDC, Dongtieh, Lower Nongrah, Lapalang, Shillong -793 006
2. CGM, AEGCL, Bijuli Bhawan, Guwahati – 781001
3. CGM, (LDC), SLDC Complex, AEGCL, Kahilipara, Guwahati-781 019
4. CGM, (Tariff & CC), AEGCL, Kahilipara, Guwahati-781 019
5. Director (Distribution), Me. ECL, Lumjingshai, Short Round Road, Shillong – 793 001
6. Director (Transmission), Me. PTCL, Lumjingshai, Short Round Road, Shillong – 793 001
7. SE, SLDC, MeECL, Lumjingshai, SR Road, Umjarain, Shillong – 793022
8. ED, NERTS, PGCIL, Dongtieh-Lower Nongrah, Lapalang, Shillong -793 006
9. ED (O&M), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003

सत्यमेव जयते

Report on the Visit of Member Secretary, NERPC to Kopili HEP and Khandong HEP to assess damage and review status of restoration works on 06th May'2022 and 07th May, 2022

Azadi Ka Amrit Mahotsav

Govt. of India
Ministry of Power
North Eastern Regional Power Committee
Shillong

Report on Status & restoration of Kopili&Khandong HEPs reviewed by Member Secretary, NERPC & Executive Director, NERLDC alongwith teams during their visit on 06th May'22 to 07th May'22

On 06th May'22

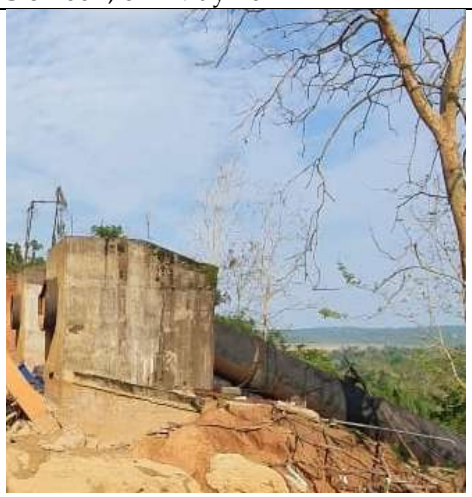
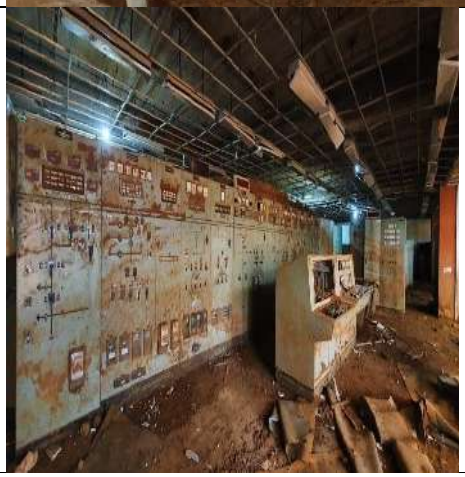
The Committee visited Khandong Power House and switchyard to gather the Status of the damage caused due to flash flood on 26th Mar'22.

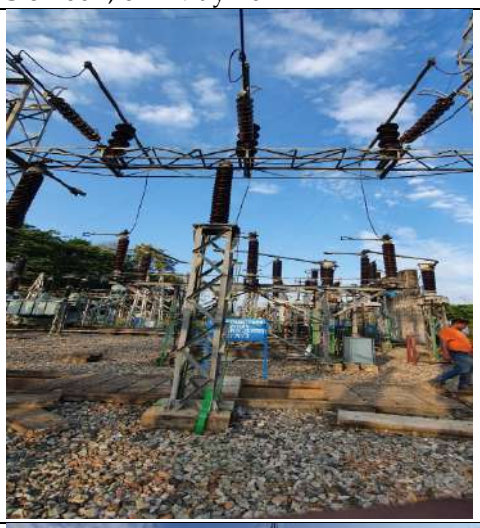
Sl. No.	Name of the Site/Section	Status
1	Dam	The Dam is observed to be unaffected and all the gates are in working condition. Water level as on 06.05.22 is 708.05 mtrs.
2	Thrash Rack, Stop Log Gate and Intake Gate(common for KhandongSTg-I &II)	Presently under submerged condition and can be attended in next dry season only i.e. from November'2022.
3	Tunnel	Tunnel is unaffected as intimated by NEEPCO
4	Surge Shaft	Surge Shaft guide channel, seal beam in under water portion to be replaced during next lean season only i.e. from November, 2022 as intimated by NEEPCO
5	HPT	Y piece alongwith Anchor Block dislodged and settled 6m below original level, surrounding eroded areas to be concreted and new Y piece has to be fabricated under Restoration works
6	Valve House	The Valve house collapsed and foundation totally destroyed. Entire reconstruction along with supply of new BF Valves(with burst flow capacity) under scope of restoration works.
7	Penstock	Penstock pitting has been observed in the Invert area and replacement of the same with better material is in R&M scheme. Surrounding area land filling and concreting to be done as part of restoration works
8	MIV	MIV is submerged by soil and debris and is totally damaged. MIV is being replaced under scope of R&M.
9	Power House	Debris clearance in progress and completed upto Generator floor only. Turbine and Pump floors are not accessible. All equipments in Power House are found to be completely damaged and are beyond repair condition.
10	Control Room and Auxiliaries	Control Room with associated panels, Auxiliaries, Communication equipments are completely damaged and beyond repair condition. NEEPCO mentioned that the damaged panels (conventional type) shall be replaced with SAS based panels, for which switchyard panel room shall be constructed.

		It was agreed that POWERGRID will also consider to replace the conventional panels with SAS based panels, PLCC for (Khliehriat#2, Kopili #2), communication panels etc. NEEPCO shall provide the space for the same in switchyard panel room.
11	Switchyard	Switchyard equipments were unaffected by flood. However, the control, power and communication cables from Power House to Switchyard has been damaged and needs to be replaced under scope of restoration works.
12	Transmission Lines	One number tower of 132 kV Khandong – Khleihriat I at loc no 134(C+0) has collapsed. Towers at Loc no:01(D+0) and loc no 02 (D+0) of 132 kV Khandong – Khliehriat II TL "A" leg exposed. Further, front plain of 132kV Khliehriat – Khandong #2 is bent. All other towers & lines from switchyard gantry are unaffected.

Pictures vis-à-vis Mar'22

Name of the site of Khandong HEP	**Mar'22**	**06th May'22**
Valve House		

Penstock		
Power House		
Control Room	Covered in mud & debris	

Switchyard		
Transmission lines	Similar condition.	

Status of Khandong Stg-II(1x25MW)

Debris and muck have been removed, Stator is under heating, rotor winding is also on heating. Cleaning of all panels, auxiliaries are in progress. Procurement of damaged panels, equipments under process from OEM(BHEL) as intimated by NEEPCO.





Recommendations for restoration(if any):

NEEPCO is recommended to restore the 132kV switchyard with CRP/Kiosk arrangement, RTU/Communication equipment as early as possible.

As intimated by NEEPCO Khandong Stg-II will be re-commissioned by Mar'23 after completion of following works:-

1. Governing system.(to be replaced because of submergence)
2. Static excitation system(to be replaced because of submergence)
3. Unit Control Panels, GRP etc.(to be replaced because of submergence)

4. Stator panel, UAB, sensors, all field instruments(to be replaced because of submergence)
5. Stator, rotor dry out and testing
6. GT dry out and testing

Further the Committee reviewed the temporary arrangement of 132kV Khliehriat–Khandong – Umrangso at Khandong S/Y

Tower of 132 kV Kopili II is connected to tower loc no 133 of 132 kV Khliehriat I feeder which drops down through Jumper to 132 kV Bus B at Khandong switchyard. The Bus now acts as a line and goes directly to Umrangsho bypassing the protection system.

Schematic attached at **Annexure-A**

Drawing of auxiliary Power Supply by Khandong HPS: For drawing auxiliary power, 2 numbers of Transformer (7.5 MVA and 3 MVA) is planned to be connected. Initially, Power from charged Bus B can be extended to charged 7.5 MVA Transformer by closing the isolator. Bus B power can be extended to Bus A and 3 MVA Transformer can be charged in similar manner. After charging of 33 kV Bus,power can be extended to 33 kV Kopili feeder (which is essential for restoration activities at Kopili HEP) and 33 kV Umrangso feeder(which is essential for restoration activities at Khandong HEP).

NEEPCO &NERLDC to take up with CTU for installation of meters in time frame matching with installation of CRP for 33 kV at Khandong.

Strengthening measures to be taken(if any):

POWERGRID informed that it is not possible to strengthen Tower No. 1&2 of 132kV Khliehriat – Khandong #2 as the filling may not provide the strength to the foundation. Hence, new towers shall be required to be provided at those locations. Survey for the same has been taken up and report is awaited.

On 07th May'22:

The Committee visited Kopili Power House and switchyard to assess the work status after outage of Kopili HEP since 07.10.19 due to bursting of penstock.

Sl. No.	Name of the Site/Section	Status
1	Dam	The Dam is observed to be undamaged and all the gates are in working condition.
2	Trash Rack, Stop Log Gate and Intake Gate	Repair, refurbishment works of trash rack and Stop Log gate under progress. Stop Log repair by May'22 thereafter repair, refurbishment of Intake gate shall be taken up.
3	Tunnel	Weaker sections of the tunnel have been identified and steel lining is in process. Adit 2 and Adit 3 has been made accessible for restoration works. After restoration works, all the Adit shall be closed while Adit 2&3 shall be accessible via gate, this is a very significant improvement incorporated by NEEPCO as part of restoration works which shall allow inspection of tunnel during normal operation of the plant.
4	Surge Shaft	Surge Shaft was inspected and found to unaffected and no refurbishment work is required.
5	Valve House	The foundation of valve house is intact and New BF valves are being installed under scope of restoration works. Also, as a significant improvement by NEEPCO, automatic Burst Flow valve design for closing has been incorporated as a safety feature.
4	Penstock	New penstock is being installed from Anchor Block(AB) 2 to AB8. Presently, impetus is on completing section of placing ferrule for penstock 2 which is for feeding unit 4 and 3 and then completing the section for penstock 1 for ease of access and work completion. For penstock 2: AB2 to AB4 completed. All the bends of both penstocks has been completed. Target for both penstock installation: **December 2022**
5	MIV	All 4 MIVs has reached the site and is being replaced under scope of restoration works.
6	Power House	Debris has been cleaned. Turbine and associated Generator parts will reach site from October

		onwards and **completion target for 2 units(4 &3) is March 2023.** Two nos. of 3 ph GT(2x65MVA) have arrived at site while two nos. of 3 ph GT will reach by June'22. Cooling water system of TG unit will be commissioned by August'22 Automatic dewatering/drainage submersible pump system with Control panel at HFL(Highest Flood level) has been installed as a significant improvement incorporated in restoration by NEEPCO. Segregation of essential and non-essential loads in LT side (SSB) has been done by NEEPCO which is a significant improvement. This is expected to enable Black start of all the 4 units from single DG set. Generator floor, cooling water floor, turbine floor, pump floor has been made ready and only supply of equipment is awaited. For Generator, turbine; existing sole plates/foundations will be used for the new machines. Restoration works are ongoing, viz. SS lining of DT liner, PRV channel, DT gates, EOT cranes of powerhouse and valve house.
7	Control Room and Auxiliaries	Debris in control room has been cleaned.Control Room with associated panels yet to be supplied.HVAC panels has been supplied and HVAC ducts and system is being commissioned. LT panels has been supplied and is under commissioning. Firefighting system for complete station is under erection. Installation of illumination system is also under progress. Conventional CRP of HV and LV side of ICT 2 (old)and 132kV Kopili – Khandong-II is available with POWERGRID while the CRP for HV and LV side of ICT 1(new) and 132kV Kopili – Khandong-I line yet to be supplied. NEEPCO informed that CRP shall be SAS based. Regarding POWERGRID portion, it is to mention here that SAS based CRP of HV and LV side of ICT 2 (old) and Khandong 2 is available. However, conventional CRP for HV side of ICT 1 and Khandong 1 were placed in NEEPCO control room which got damaged and same are beyond repair. Since, NEEPCO is upgrading the CRP to SAS based control, POWERGRID also has to provide SAS based CRP for ICT#1(HV side) and Khandong #1. Further, the supply has to be made on priority.

8	Switchyard	Earthing system is being erected and will be completed by June 2022. Excavation work for Kiosk has been started from 07.05.22. Kiosk which is of dimension 7m x 19m will be completed by 10.07.22. NEEPCO will provide space in Kiosk for installation of CRP of POWERGRID owned bays. Significant improvement by way of installation of CRP in Kiosk is being done by NEEPCO. ICT 1 (New) was reported to be unhealthy and POWERGRID to restore the same by December 2022. The intimated target for completion of **220 kV side switchyard** (which is being done by NEEPCO) is **Oct 2022.** NEEPCO shall provide DC supply for relay panels till restoration of DC system(under supply by POWERGRID for their portion) NEEPCO agreed to provide construction supply to POWERGRID at one point for meeting the power requirement of construction of GIS bays and other associated works.
9	Transmission Lines	Out of 3 nos. tower from GT 1 and GT 2, 1 tower collapsed due to flood and one tower top is bent and to be restored. Towers of GT 3 and GT4 from power house to switchyard is observed to be in healthy condition. 220 kV Misa – Kopilickt 1, 2 and 3 were observed to be healthy. 132 kV Kopili – Khandongckt 1 and ckt 2 is also observed to be healthy.

Note: By March'2023 25MW will be available from Khandong Stg-II and and 50MW from Kopili Unit 3 &4 (of 25MW each unit)

Recommendations for restoration(if any):

- MePTCL officials requested restoration of Misa- Kopili – Khandong – Khliehriat link. However, 132 kV Khandong switchyard cannot be restored at an early notice due to the outage of the plant and the Substation has to be bypassed for restoring the link(schematic at **Annexure-B**). As an interim arrangement, following schedule of work is proposed under scope of NEEPCO and POWERGRID respectively.

- **UNDER POWERGRID SCOPE**

At Kopili

Sl. No.	Work Description	Target
1	Construction of GIS foundation for 132 kV Kopili - Khandong ckt II	August-22
2	Commissioning and charging of ICT 2 (old) and 132 kV Kopili - Khandong ckt II using existing assets and CRP installation in Kiosk subject to completion of Kiosk by NEEPCO as agreed	October'22
3	GIS bay equipment installation and commissioning of ICT 1 (new) and 132 kV Kopili - Khandong Ckt - I	December'22
4	Restoration of unheathy ICT 1 (new)	December'22
5	Energisation of ICT 1 and 132 kV Kopili - Khandong ckt 1 after GIS bay equipment instalation	December'22
6	GIS duct erection of ICT 2 and 132 kV Kopili - Khandong Ckt - II	March '23
7	Complete GIS energisation	March '23

At Khandong site*

Sl. No.	Work Description	Target
1	Strengthening of foundation and restoration of 2nos towers at Loc no 01(D+0) and Loc no 02 (D+0) of 132 kV Khandong – Khliehriat Ckt - II	October'22
2	Restoration and charging of 132 kV Khandong – Khliehriat Ckt - II and shifting of arrangement at Khandong switchyard for oeprationalisation of 132 kV Khliehriat - Khandong - Umrangshu link	October'22
3	Re-arrangement for connection of 132 kV Kopili - Khandong Ckt - II and 132 kV Khandong – Khliehriat Ckt - I	October'22

- * POWERGRID informed that they will revert back on the above rearrangement works.

UNDER NEEPCO SCOPE

At Kopili Switchyard

Sl. No.	Work Description	Target
1	Kiosk Completion	10.07.22
2	220 kV Switchyard work completion	October'22
3	DC system and DC supply extension to Kiosk	October'22

Pictures vis-à-vis Mar'22

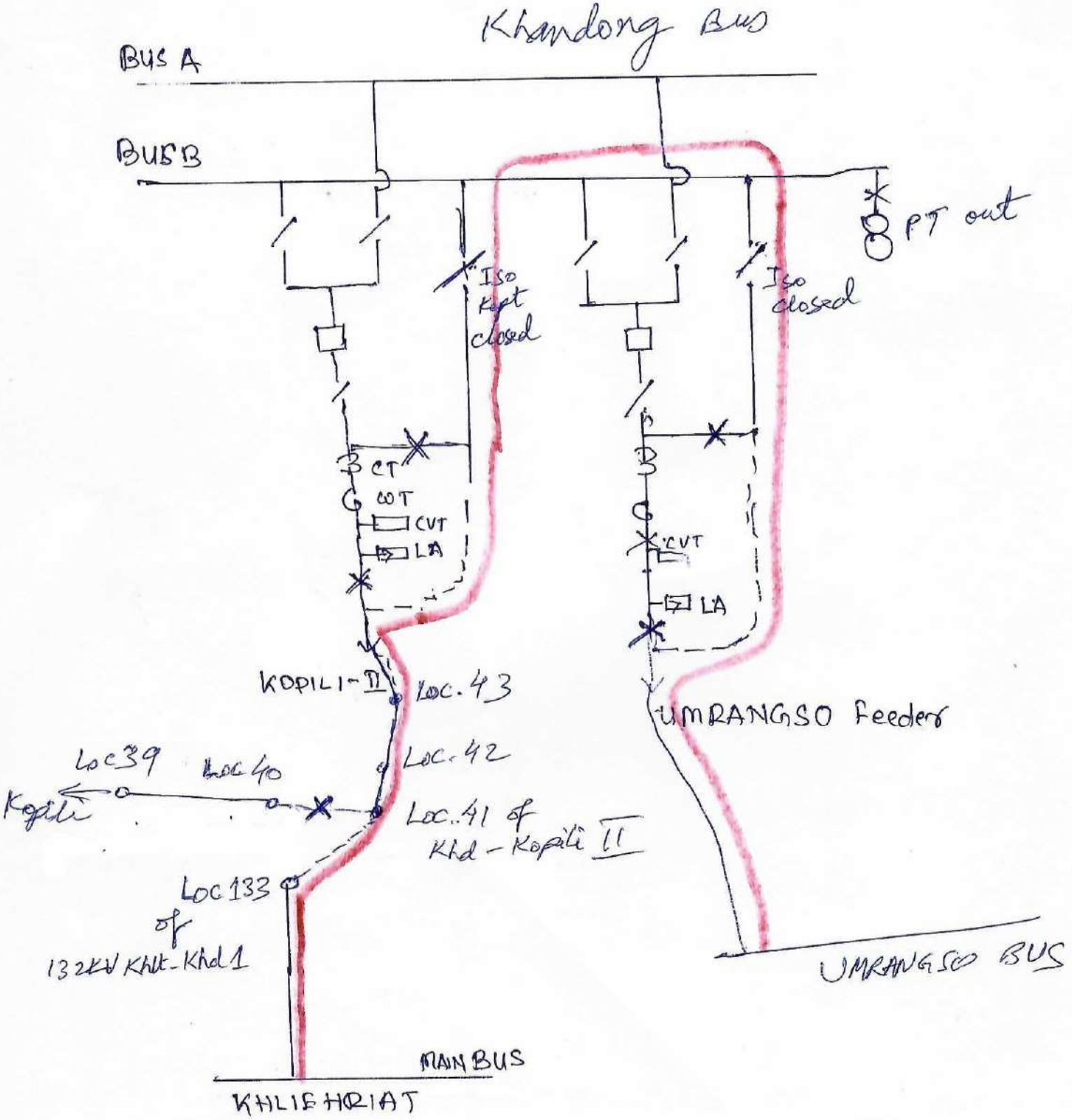
Name of the site of Kopili HEP	**Oct'19**	**07th May'22**
Trash Rack, Stop Log Gate and Intake Gate	Stop log gate under water, Intake gate partially under water	
Tunnel		
Valve House		

Penstock		
MIV		
Power House		

Control Room		
Switch-yard		

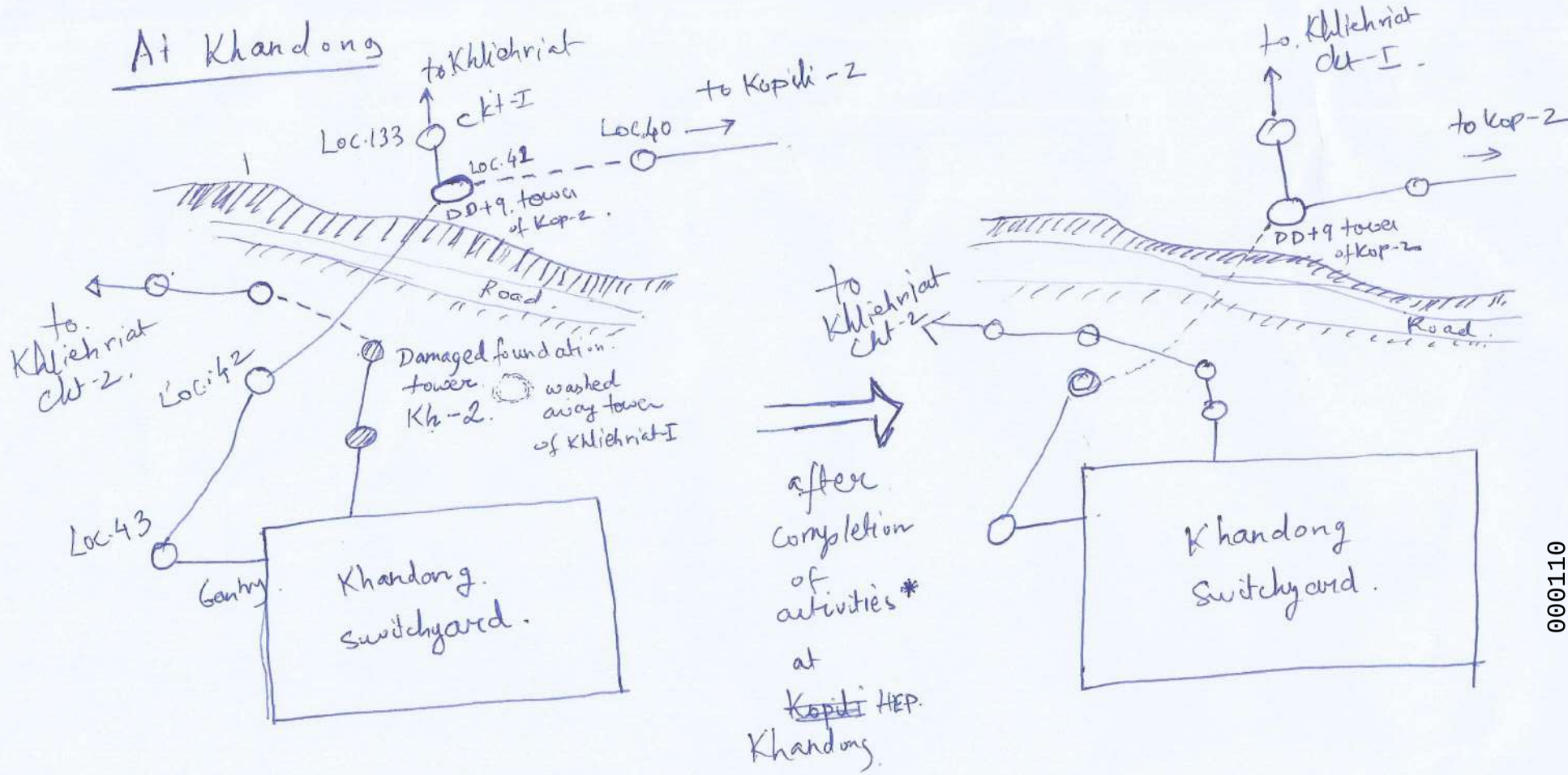
List of Members

Sl. No	Name & Designation	Organisation
1	Sh. KynsaiLyngwa, EE(T&T)	MePTCL
2	Sh. J. Kharmih, EE (T&T)	MePTCL
3	Sh. H.R.F. Hadem, RE Khliehriat SS	MePTCL
4	Sh. L. Shullai, RE Lumshnong SS	MePTCL
5	Sh. C. Deka, CGM(C),HoP KHPS	NEEPCO
6	Sh. D.K. Saikia, GM(E/M), KHPS	NEEPCO
7	Sh. Joypal Roy, GM (O&M)	NEEPCO
8	Sh. T.Lyngdoh, GM(Civil), KhPS	NEEPCO
9	Sh. A. Kalita, DGM(E/M), KhPS	NEEPCO
10	Sh. A. Sarmah, Manager(E/M), KhPS	NEEPCO
11	Sh. M.K. Sutradhar, Manager(E/M), KhPS	NEEPCO
12	Sh. Mintu Kalita, Asst. Manager(E/M), KhPS	NEEPCO
13	Sh. Sudip Das, Sr. Manager(E/M), KhPS	NEEPCO
14	Sh. Nayan Jyoti Das, Manager(E/M), KhPS	NEEPCO
15	Sh. Gobinda Sarkar, Manager(E/M), KhPS	NEEPCO
10	Sh. Gonesh Das, DGM Khliehriat(PG)	POWERGRID
11	Sh. Pinak Nandi, Manager (AM)	POWERGRID
12	Sh. Ankit Vaish, DGM (AM)	POWERGRID
13	Sh. N.M. Borah, DGM	POWERGRID
14	Sh. R. Chakraborty, DGM	POWERGRID
15	Sh. BriefleeLyngkhoi, Member Secretary	NERPC
16	Sh. Srijit Mukherjee, Deputy Director	NERPC
17	Sh. Nabarun Roy, Executive Director	NERLDC
18	Sh. C.B. Thapa, Manager	NERLDC



Schematic Diagram of 132KV Khliehriat - Umrangso TL bypassing Khandong Powerhouse -

Annexure-B

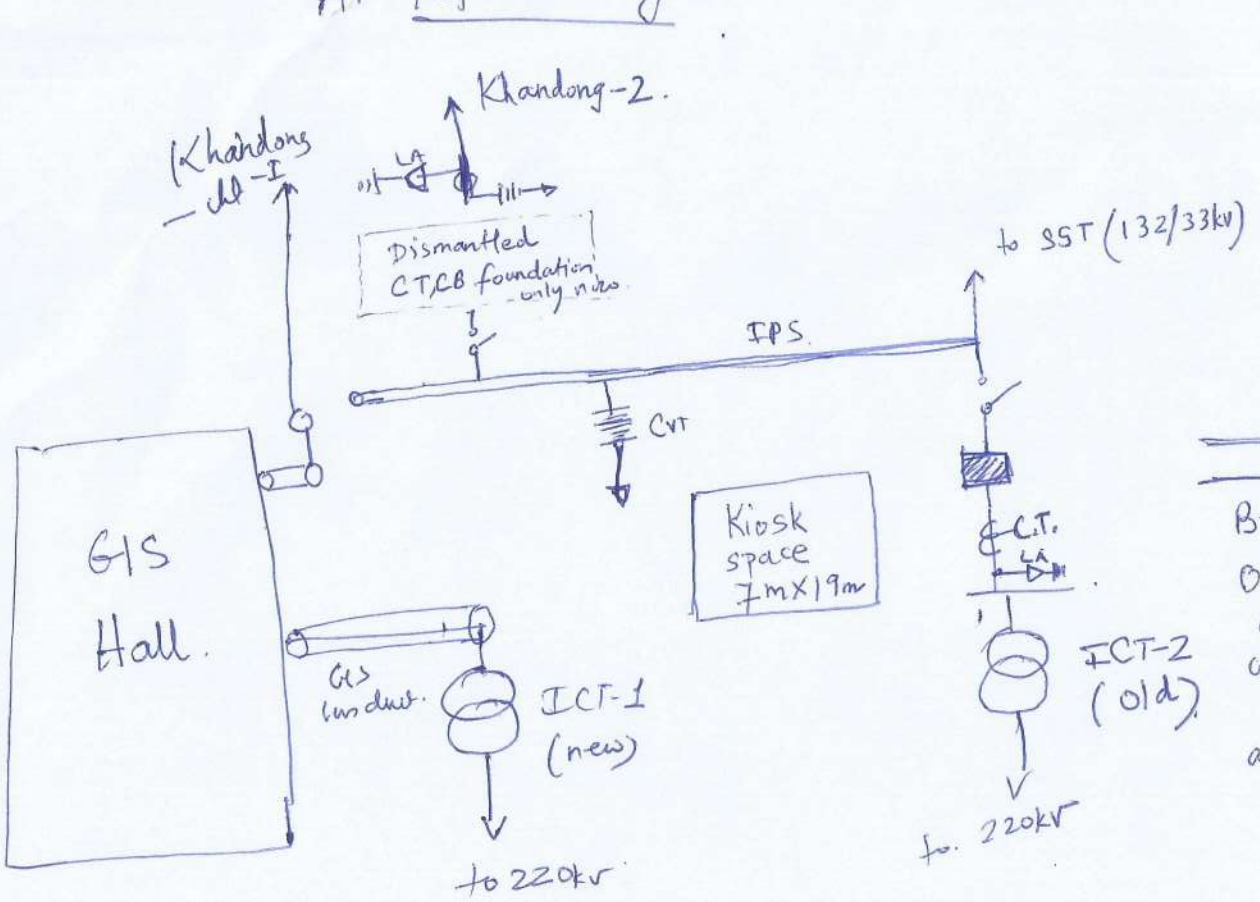


Activities at Khandong HEP.

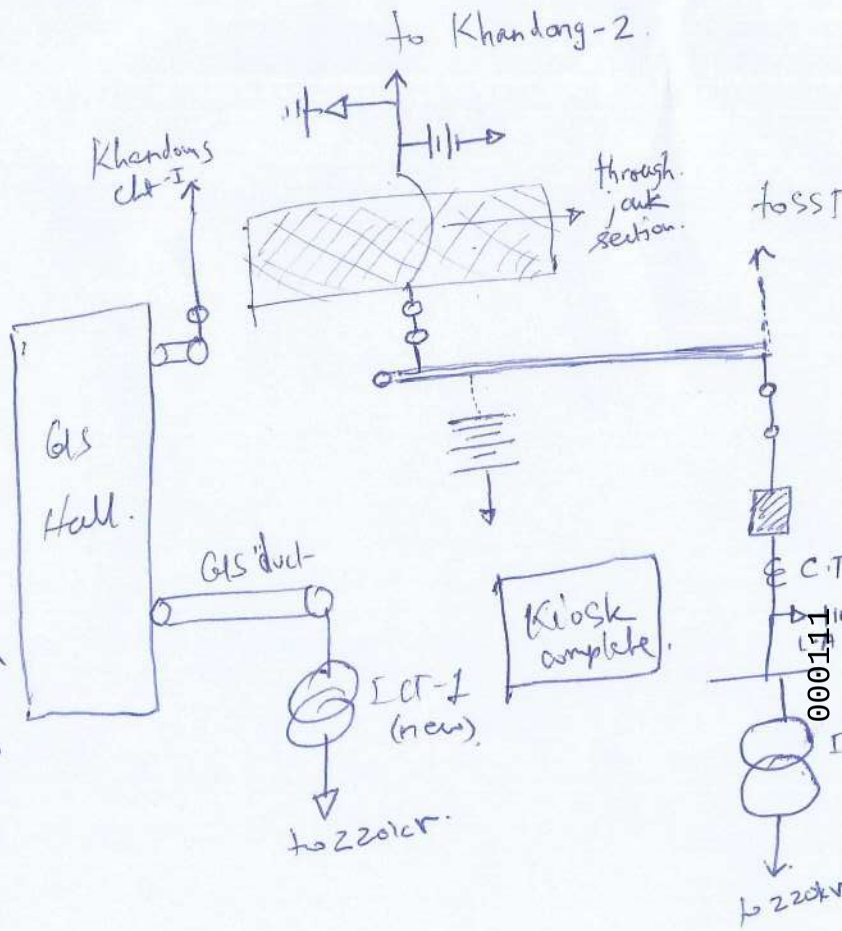
*. Damaged foundation of two towers of 132kV Khandong - Khliehriat-2 to be strengthened by Oct'22.

000110

At Kopili switchyard.



By Oct'22 after completion of activities **.



** Activities at Kopili Switchyard.

1. Kiosk completion by NEEPCO. - July'22.
2. 220kV switchyard by NEEPCO - Oct'22
3. Foundation by NERTS - Aug'22

Post arrangement.

1. NERTS to energise ICT-1 & Khandong-I after GIS bay equipment installation by Dec'22
2. Then Khandong-I charged
3. Khandong-2 deenergise
4. GIS duct erection Khandong-2 & ICT-2 } Ma
5. Complete GIS energisation

000111

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A Govt. of India Enterprise)

OFFICE OF THE EXECUTIVE DIRECTOR (DESIGN & ENGINEERING)

2ND Floor, NEEPCO Bhawan, R.G. Baruah Road, Sundarpur, Guwahati-781005, Assam

आज़ादी का अमृत महोत्सव

No.: NEEPCO/GHY/D&E/T-70/2022-23/ 262 - 264 Dated: 24/06/2022

Inter Office Memo

From:

The Executive Director
Design & Engineering
NEEPCO Ltd.

To:

The HoP
Kopili HPS
NEEPCO Ltd.

Sub: **Submission of Report of Team of Experts.**

This has a reference to the subject above.

A team of expert comprising Dr. P. S. Mishra, Retd. Director, GSI and Shri V. K. Gupta, Ex. ED- Hydro, NTPC, visited the Kopili Project Site from 2nd June to 4th June'2022 for damage assessment & recommendation measures. Subsequent to the visit, a note primarily focusing on the proposed recommendation has been submitted by the experts.

A copy of the same is enclosed herewith for information and onward action in consultation with this office.

Encl: As stated above.

24/6/2022

Executive Director
Design & Engineering
NEEPCO, Guwahati

Copy to:

1. The Director (Technical), NEEPCO Ltd., along with a copy of the said note.
2. The Executive Director (S&I), NEEPCO Ltd., along with a copy of the said note.

A NOTE ON THE VISIT TO DAMAGED ZONES OF KHANDONG POWER HOUSE COMPLEX KOPILI HYDRO POWER STATION, UMRONGSO, DIMA HASAO DISTRICT, ASSAM

By

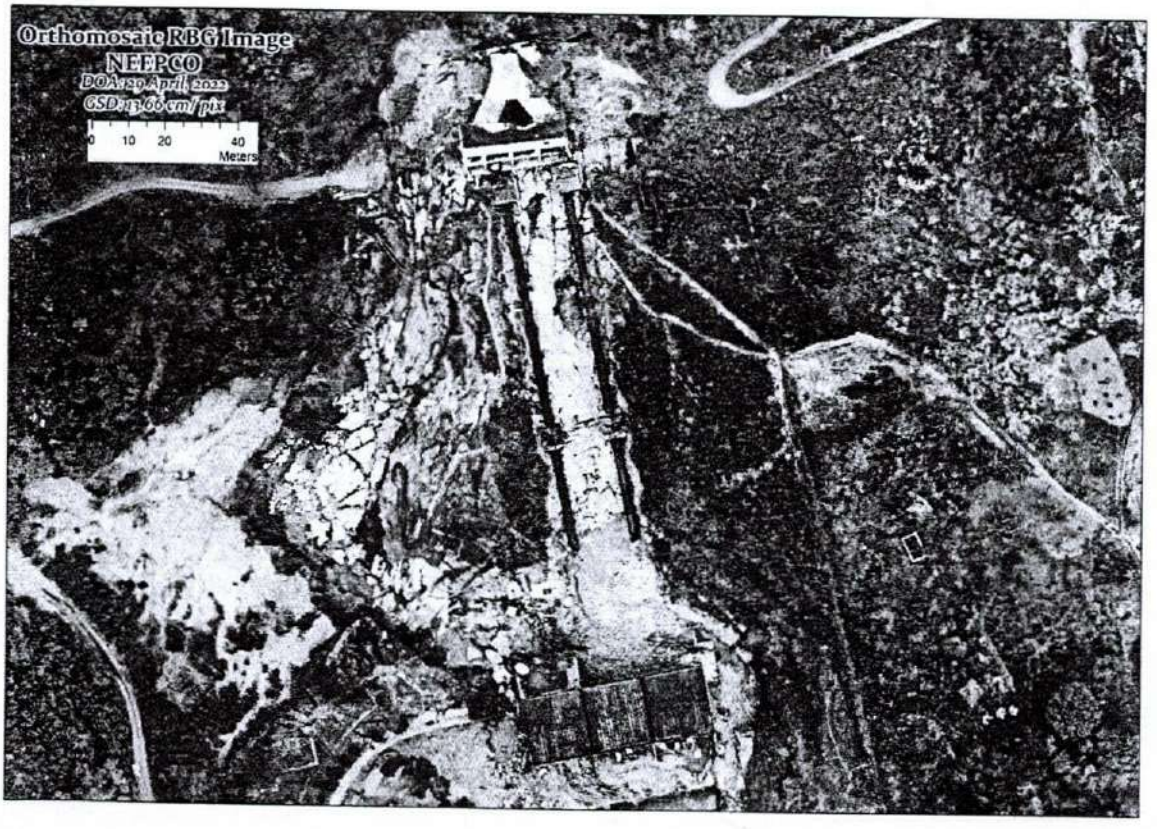
Dr. P. S. Mishra,

Ex. Director, Geological Survey of India

And

Shri V. K. Gupta,

Ex. Executive Director (Hydro), NTPC



June 2022

000113

A NOTE ON THE VISIT TO DAMAGED ZONES OF KHANDONG POWER HOUSE COMPLEX, KOPILI HYDRO POWER STATION, UMRONGSO, DIMA HASAO DISTRICT, ASSAM

***ABSTRACT*:**

This note pertains to examinations of the recent damages due to uncontrolled ingress of water from Kopili Reservoir in the Khandong Power House Complex of Kopili Hydro Power Station. Studies were conducted between 1st June 2022 to 4th June 2022.

The note highlights the attributes of damages and attempts to enlist the corrective measures to make the project functional.

1. Preambles:

1.1. About the Project:

Kopili Hydro Power Station located in Assam and Meghalaya border consists of twin systems viz. Khandong System comprising Khandong Dam (66m (H) & 243m (L)), 2.83 km long Khandong WCS, Khandong PS (2 x 23 MW) & Kopili Stage-II PS (23 MW) and the Umrong System comprising Umrong Dam (30m (H) & 143m (L)), 5.5km long Umrong WCS & Kopili PS (4 x 50 MW). The project was commissioned in 1984.

1.2. About the Incident:

It was informed that due to acidic reservoir water, various structures including underwater metallic components of the Project were severely corroded. In order to carryout restoration/repairing of Khandong Water Conductor System (WCS), the Project was kept under shutdown from January' 2022. However, as a consequence of unprecedented dry season flood in the Kopili River (***Photo-1***), the bund constructed at the approach channel for taking up planned repair and renovation had overtopped on 26.03.2022, leading to uncontrolled ingress of water from the Kopili Reservoir into the Khandong WCS. This has led to flooding of the Khandong stage-I & II Power Stations. During the incident, structures like Valve House, Anchor Block housing the Y-Piece, Saddle Supports of Khandong Stage-I, were damaged. The flood water caused erosion along the Penstock alignment resulting into formation of cavities in the rock bed on Penstock slope.

2. Visit to Khandong Power House Complex:

At the instance of NEEPCO (Order No. 3700002159 Dtd: 26/05/22 & 3600002163 Dtd: 27/05/22), Dr. P. S. Mishra, Ex. Director, GSI and Shri V. K. Gupta, Ex. ED (Hydro), NTPC visited the Kopili Hydro Power Station between 1st & 5th June' 2022. The site of damage in Khandong Power House Complex was examined along with Er. C. R. Zeliang, CGM (C), NEEPCO & his team (List of NEEPCO Officials attached herewith as ***Annexure-1***). In following sections, after briefly enumerating geological

framework of Khandong Power House Complex, nature of damages and treatment measures are outlined.

3. Geology of the Khandong Power House Domain:

The Power House complex is located on the northern margin of the "Kopili Sedimentary Basin", where the Kopili limestone sequence of Eocene age abuts against the Pre-Cambrian Gneisses. The contact between the two has been assigned as "Faulted Contact" where sedimentation in the Kopili went along Pari-passu with the faulting and sinking along the Kopili Fault at the basin margin.

The Surge Shaft and High Pressure Tunnel are located in the domain of Basement Gneisses traversed with 4+ random sets of discontinuities. However, the area between Valve House and Power House consists of moderately jointed (3+ random sets) fossiliferous nodular limestone (Biohermal Limestone, ***Photo-2A***) characterized by mild karstification. The limestone is dipping southerly at low angle (5 – 10°), away from the basin margin i.e. from HPT Portal towards Power House; these are traversed by 3 sets of prominent discontinuities which control solution activities/karstification in the limestone. Prominent grikes (solution joints, maximum solution width 1m, ***Photo-2B***) are noted along N-S and E-W trending joints, rendering the rock mass columnar and highly water conductive. In addition to these, solution channels are also noted along bedding and at places open cavities on penstock slope are seen (***Photo-3***).

Foundations of Valve House, Anchor Blocks-2 &3 and Saddles are resting on limestone. However, the portal of HPT and Power House Pit are in Gneisses. It would not be out of place to mention that during Power House Excavations, Limestone was exposed uncormably overlying Gneisses on upper reaches of the slope. The Anchor Block-1 (With Y-Piece), is founded most likely on fault zone between basement Gneisses and Limestone.

The recent flooding and consequent erosion has stripped of the overburden exposing mildly karstified limestone with solution channels (***Photo-4***) and depression/swallow holes (***Photo-5***) along penstock slope.

The contact between the limestone and the gneissic basement rock has earlier been reported as faulted & sheared (***Reference: GSI Report***). However, in Khandong Power House Area, the contact is muck covered with slope wash materials and dislodged Anchor Block (housing the Y-Piece). The limestone near the Valve House is exposed forming a northerly facing micro-scarp (H-2m); evidences of shearing in the form striations and polishing on the sub-vertically disposed limestone surface are noted. These are indicative of faulted nature of the contact between Kopili limestone and basement gneisses. The anticipated fault/shear zone would be of great consequence as regards to the foundation of the Valve House and Anchor Block housing the Y-Piece. Hence, the fault status needs to be reviewed based on the geological reports and further investigated. Geo-mechanical attributes viz. shear wave velocity (Vs), C, Ø and elastic moduli for the likely sheared rock mass be ascertained to provide inputs for the stability evaluation of the Anchor Block-1, located in the zone.

4. **Observation on Damages:**

The NEEPCO authorities have presented a drone based imagery and a report of the inventory of the damages. These have been of help in examining the damages of consequences to stability engineering structures and their remediation & rehabilitation. These are briefly outlined in following section:

A. **Damages between Portal and Anchor Block- I:**

I. This section has been intensively damaged. The part of retaining wall at the portal has collapsed and a cavity has been created due to erosion which has further enlarged on roof collapse rendering the stability of slope domain critical. The slopes on either side of the tunnel portal are sub-vertical and bear signatures of distress.

II. Anchor Block-I encasing the Y-Piece, at the upstream of the Valve House got detached and the penstock is sheared from interior of the HPT. The anchor block is dislodged with vertical displacement of 6m and moved down slope by 3m; the block has right laterally displaced by 2m thwarting the penstock alignment (***Photo-6A***). The Valve House founded on limestone, toppled northward and collapsed (***Photo-6B***)

B. **Damages in Anchor Blocks-II, III and Saddle Foundations:**

It is redeeming to note that the anchor blocks 2 & 3 are intact with minor erosion at their foundation level (***Photo-7***). However, some of the saddles blocks are adversely affected; the foundations are partially eroded and those are precariously hanging (***Photo-8***). These need immediate attention for ensuring their stability.

C. **Damages in Power House Area:**

It is reported that the mobilized soil mass and rock muck/debris got deposited inside the Power House and its surroundings including those in areas of Tail Pool and Tail Race. The hydro-mechanical and electrical components installed in the powerhouse were buried under a pile of debris.

It is reported that the water in the Powerhouse area first ingressed along the penstock slope; subsequently, water flowing on the slope got diverted through erosional channels locally flowing through sub-terrainian solution channels.

The foundations of three numbers of towers in power evacuation system have also been eroded and damaged (***Photo-9***). It is also reported that one of the tower toppled and conductor got snapped.

D. **Erosion along Penstock Slope:**

The flood water cascading on the Penstock slope has removed/washed away the overburden and exposed limestone. Removal of the muck has day lighted solution channels, depressions, exposing buried karst; in addition, spreading of flood on right lateral slopes have also revealed karstified nature of the limestone.

5. **Recommendations on Rehabilitation Measures:**

Concrete structures like Anchor Blocks, Saddle supports, Power House building are more than 40 years old and have been subjected to processes of complex natural forces and recently witnessed

devastating impact of flood water, rolling rock boulders/plucked rock materials causing extensive erosion & impacting structural components. In this view, the suggestion for rehabilitation measures have been evolved based on evaluation of database provided by NEEPCO, field observations and detailed discussions with project authorities & team of engineers accompanying the visit; these succinctly enumerated as under:

5.1. It is emphasized that the exploratory data contained in the geological reports of GSI with long association during different stages of the project viz. investigation, construction and post-construction studies, be availed and analyzed. The Khandong Complex be geologically mapped on 1:250 scale delineating outcrop areas, lithological structural and geomorphic attributes (specially the signature of karstification and solution channels, pattern of erosion caused by the flood etc). This would help to further reevaluate the engineering issues which have emerged after recent devastation and would be of help in meticulous detailing of treatment measures.

5.2. At the outset, leaking water from underground penstock needs to be plugged or diverted to take up restoration works.

5.3. As the structures have been adversely impacted for a long duration (40 years) by vagaries of nature and recently by flood water and rolling rock debris, their integrity need be rechecked. In this context, it is emphasized that the impacted structures be tested for their integrity by resorting to nondestructive testing methods by expert agencies.

5.4. **Anchor Block-1 (anchor Block with Wye Piece):** The intense devastation has taken place at the portal & Anchor Block-1 site. Following are the specific issues to be addressed as regards to stability of portal slope and rehabilitation of the Anchor Block-1 and treatment of its foundation:

a) Cavity/ overhang on left side of portal (below RR wall):

i. It has been reported that the cavity (***Photo-10***) below the foundation is increasing with time with progressive roof collapse. RR wall needs to be partially rebuilt and the wall be provided with adequate support immediately to avoid failure which will also lead to serious slope stability problems at the portal.

ii. As such loose material in foundation be removed locally and concreted in layers/ lifts. Further, 150mm dia drill holes from behind the retaining wall (from wall backfill area) be provided for filling of cavity using concrete.

iii. In case of site constraints in taking up of foundation support measures, retaining wall shall need to be dismantled and rebuilt.

b) Left side rock slope downstream of portal:

On left side, about 10m high rock slope (***Photo-11***) needs to be immediately provided with adequate slope protection, following measures are recommended:

i. The slope be flattened along with provision of intermediate berm

ii. Provision of gabion wall as toe support.

iii. The stability of the slopes in the portal domain be further evaluated with inputs on slope geometry and Geomechanical attributes.

5.5. Anchor Block (encasing "Y" piece):

Anchor block has been found to be dislodged vertically (by about 6m), horizontally along flow (about 3m) as well as right laterally (about 2m) along with shearing of steel liner on upstream (within tunnel) due to complex process of foundation erosion which induced sliding of the block. In this regard it may be mentioned that at anchor block site geological/ foundation details are not available; hence it is suggested to explore the foundation domain of dislodged anchor block location resorting to techniques of geo-physical explorations (ERT and SRT); this would help in ascertaining the foundation grade and its Geomechanical parameters.

It has been reported that during 8-10 May'22 inspections by NEEPCO design team, it was observed that dislodged anchor block is resting at few points over rock with gap of about 0 to 50 cm blow the concrete surface. Subsequently, by flowing water in the area, part of this gap might have been filled with loose material.

For restoration of anchor block following is recommended:

i. Stability of anchor block be rechecked considering modified Centre of Gravity of the Block and applied forces.

ii. Valve House concrete structure presently lying on dislodged anchor block be removed. Further the same needs to be reconstructed after construction of anchor block.

iii. Entire removal of dislodged anchor block and constructing a new anchor block shall be technically best option. However, considering site constraints as an alternative encasing dislodged anchor block and foundation treatment of the same is proposed as under:

iv. A strip of 3m wide area be exposed all around dislodged anchor block (including inner Y-area) taking at to firm foundation rock as ascertained by geophysical investigations.

v. Efforts be made to remove loose material below anchor block foundation by using air water jet. The gap be filled with M20 concrete (pump concrete with anti-shrink admixture) and further grouted to fill openings left, if any.

vi. Top surface of dislodged anchor block be removed by mechanical means providing new surface, at least 1m below the invert of the penstock/ Y-piece steel liner. New surface shall be kept rough.

vii. 25mm dia foundation rock anchors @ 1.5m c/c (staggered both ways) be provided in 3m wide strip all around the anchor block (ensuring anchors are well embedded in firm foundation rock and bars extend by 1.25m to be embedded in new concrete).

viii. Existing faces of dislodged anchor block be roughened and provided with 25 dia rock anchors @ 1.0m c/c both ways, to bond new concrete with the old concrete.

ix. Jacketing of dislodged anchor block (3m wide all around) be carried out using M20 concrete placed in lifts along with provision of reinforcement on exposed surfaces.

x. 25mm dia rock anchors @ 1.0m c/c be provided on top new surface.

xi. Penstock steel liner/ Y-piece shall be erected, placing it on the new surface.

xii. After erection of Y-piece and rock anchors, jacketing of anchor block shall be carried out providing concrete cover of 2m above steel liner.

5.6. Anchor Block 2 & 3:

As mentioned earlier, these are found to be intact, excepting minor erosion at foundation grade. Following points be considered for further strengthening:

a) 3.0m wide area all around Anchor Block 2 & 3 shall be cleaned, loose material/ debris removed from surface as well as from the solution cavities in limestone adjoining to the foundation. Solution cavities shall be filled with concrete and a concrete jacket all around the anchor blocks shall be provided as foundation protection.

b) Consolidation grouting shall be conducted in the foundation domain of anchor blocks to fill the solution cavities, if any, and render it monolithic. In this context it is suggested that consolidation grouting be conducted by drilling inclined 9m long drill holes (60 degrees wrt horizontal) at 3m c/c from concrete platform on foundation jacket. Grouting shall be carried out following the guidelines contained in the codal provisions of Indian Standard.

5.7. Saddle Supports:

The foundations of Saddles are partially eroded and some of these are partially hanging. Hence, following points be taken into consideration for ensuring their stability:

a) Any saddle misaligned needs to be dismantled and reconstructed.

b) Foundation of some saddle supports is exposed and partly eroded. These foundations need to be immediately supported by provision of concrete pedestal resting on suitable foundation.

c) It is advised that a 1.5m wide area all around saddle supports shall be cleaned, loose material/ debris removed from surface as well as from the solution cavities. Solution cavities shall be filled with concrete and a concrete jacket all around the saddle support shall be provided as foundation protection.

5.8. Penstock Slopes:

Subsequent to washing and erosion by flowing flood water of overburden along penstock alignment, continuous lime stone rock is exposed on the penstock slope. This has revealed presence of deep (max 5m) solution channels and local solution swallows on the exposed rock bed. It is advised to get these solution channels mapped, swallow points and outlet be suitably filled with plum concrete (M15 with 30% plums) and if need be suitably grouted. Cyclopean

5.9. Power House:

Surface as well as seepage water coming from upstream hill slope needs to be suitably diverted and led to Tail Race Pool by provision of intermediate and toe drains to avoid water ingress in power House.

6. Acknowledgement:

Authors record their sincere thanks to Shri R. M. Sonowal, Executive Director (Design & Engineering), NEEPCO, for giving opportunity to be associated with the studies. Special thanks are also due to Shri C. R. John Zeliang, CGM (C), NEEPCO, for accompanying us during field visit. The officers of Design & Engineering wing and those posted at project site have systematically inventoried the damages, specially by taking up detailed surveying and drone based imagery generation; these have been of great help in examination of damages; the efforts are appreciated and we express our compliments for the same.

(V. K. Gupta)
Ex. Regional Executive Director (Hydro)
NTPC

(Dr. P. S. Mishra)
Ex - Director, GSI
(Eng. Geological consultant)

Bibliography:

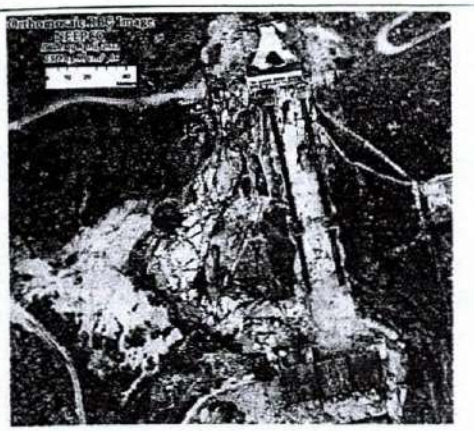
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Annexure- 1

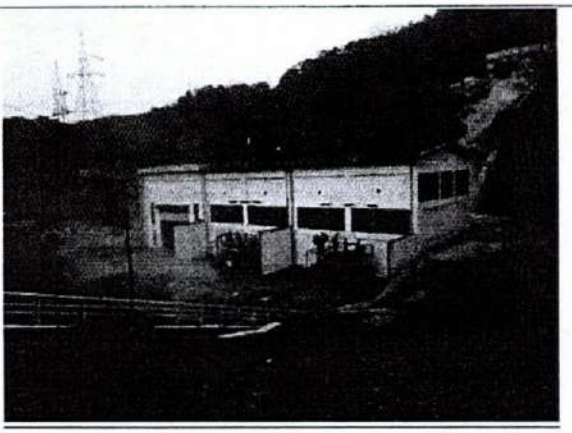
List of NEEPCO Engineers present during Visit of Expert Consultant to Kopili Hydro Power Station from 1st June to 5th June' 2022:

1. Shri D. Saikia, GM (E/M) & HOP, KHPS
2. Shri B. C. Borah, GM (C), KHPS
3. Shri T. Lyngdoh, GM (C), KHPS
4. Shri S. Dhar, DGM (C), D&E
5. Shri S. K. Jha, SM (C), D&E
6. Shri D. Sarma, SM (C), D&E
7. Shri B. Longmalai, DM (C), KHPS

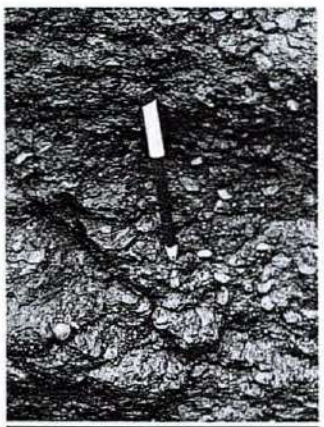
PHOTOGRAPHS



1A : Drone Based Imagery Showing pattern of Flood Devastation.



1B : Water cascading down from HPT and flowing on Penstock Slope causing devastation



2A : Fossiliferous (Biohermal) limestone exposed near Valve House



2B : Photo Showing solution in limestone and formation of Grike along joints



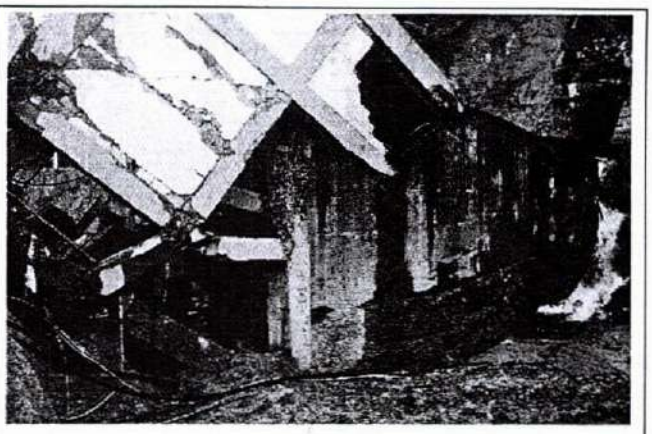
3 : Solution channel and cavities along Penstock Slope



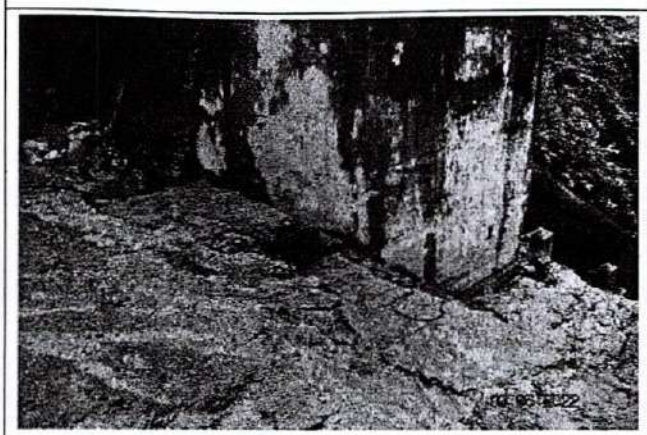
4. Mildly karstified Limestone on Penstock slope with solution caused depression



5. Mildly karstified Limestone on Penstock slope with solution caused depression



6. Dislodged Anchor Block with Y-Piece



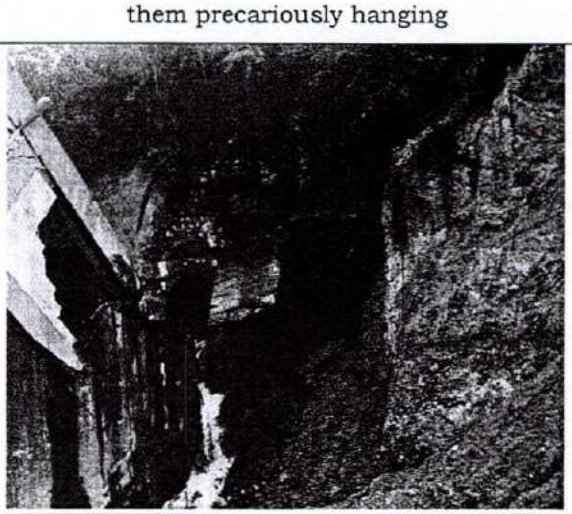
7. Foundation of Anchor Block-2



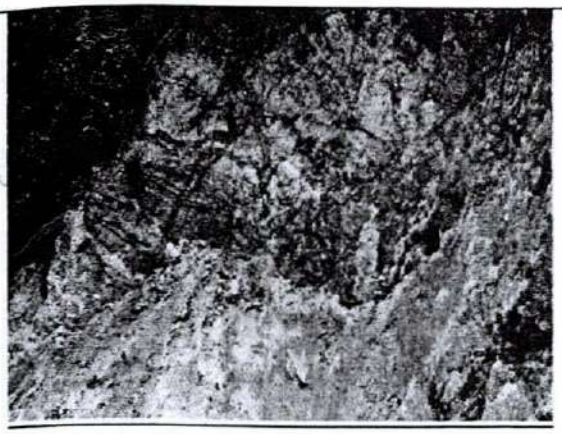
8. Eroded foundation of Saddle block rendering them precariously hanging



9. Damaged Foundation of Tower on Power Transmission Line



10. Erosional and collapsed cavity on Portal slope below retaining wall

	
11. Left Side of Portal Slope in weathered granite Gneisses	

Geological assessment of the penstock slope, Khandong Hydro Power Station, NEEPCO, Assam

Yogendra Deva
Consulting Engineering Geologist
Vol. Retd. Director, Geological Survey of India
Formerly Vice President (Asia), International Association for Engineering Geology (IAEG)

1.0 Introduction

A site visit for assessment of the penstock slope of NEEPCO's Khandong Hydro Power Station was undertaken on 12-14 June 2023. S/Shri Sitangshu Dhar, GM (Civil) and Girish Kalita, Manager (Geology), along with the project personnel, accompanied and provided technical support. The examined area spans HPT outlet, Y-piece, Valve House, the twin penstocks, and the powerhouse. The 2.5 m dia and 120 m long penstocks rest over four anchor blocks – two each on the twin penstocks that are 14 m apart (Photo.1, Photo.2)

The project witnessed sizeable damage during an unprecedented flooding through the HRT in March 2022 when the components downstream of the HPT outlet suffered collapses and severe scouring. The Y-piece at the HPT outlet collapsed, and subsided vertically by about 5.5 m, leading to the toppling of the Valve House (Photo.3). While the four anchor blocks remain intact (Photo.4 to Photo.7), many of the saddles have either collapsed or scoured severely underneath. The powerhouse was completely inundated and stands in a devastated state (Photo.8).



Photo.1: Penstock downstream view



Photo.2: Penstock upstream view



Photo.3: The collapsed Y-piece and Valve House



Photo.4: Anchor Block 1/P1



Photo.5: Anchor Block 1/P2



Photo.6: Anchor Block 2/P1

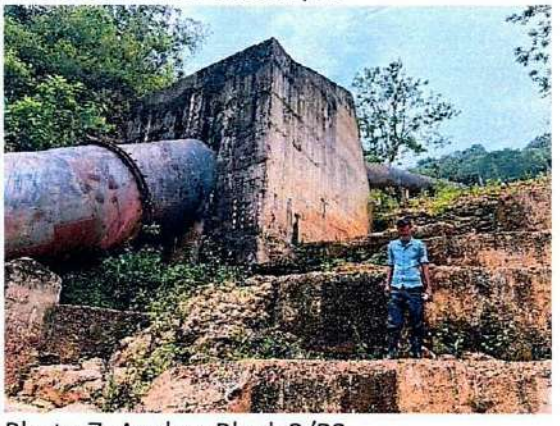


Photo.7: Anchor Block 2/P2

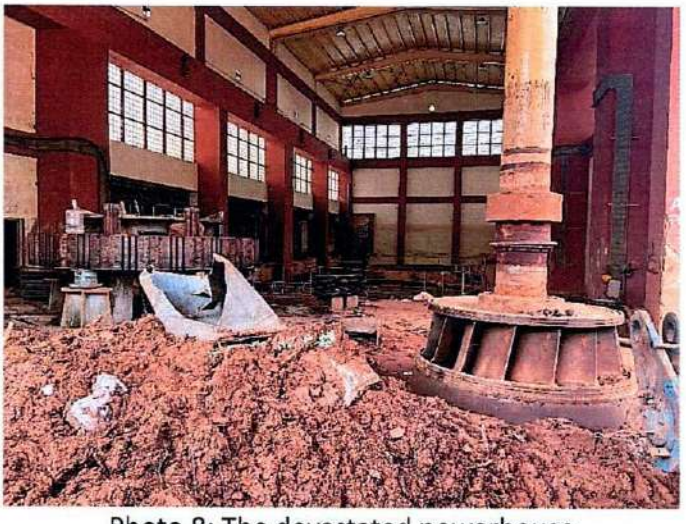


Photo.8: The devastated powerhouse

2.0 Site Geology

The site is located in a rather intriguing geological setting where the HPT outlet and the powerhouse pit are in granite gneiss, and the entire area in between lies over fossiliferous limestone (Photo.9). The limestone is extensively exposed in the penstock slope and, considering the mode of occurrence of the two lithological units, could be occurring as a comparatively thin sheet over the granite gneiss. This satisfies the general regional geological setting although, as per literature, the contact between the two could be a faulted one. This, however, is a matter of academics and is not expected to influence the stability of the penstocks.

The rock is sub-horizontally bedded and is dissected by sub-vertical joints that are often open (Photo.10). The sub-vertical joints seem to be striking in NNW-SSE and ENE-WSW directions. The sketch geological map, and the schematic geological section along the mid-line between the penstocks, have been developed based on the brief reconnaissance and are appended here as Figure.1 and Figure.2. Besides the litho-structural basics, the map includes the location details of selected photographs in this report (camera location/ view direction) for better visual comprehension of the site conditions. The photo numbers in the map are expressed as P and correspond to the photo numbers in the report.

The geological map and section as above need to be updated as dependable geological drawings through detailed geological mapping. The scale of mapping is recommended to be 1:1,000. Here, it may be emphasised that a detailed engineering geological map of a site is the backbone for all investigations, detailed engineering, construction, and even during O&M as is the present case where lack of investigation and construction stage geological reports and drawings is proving to be a major handicap in the assessment of the present situation.

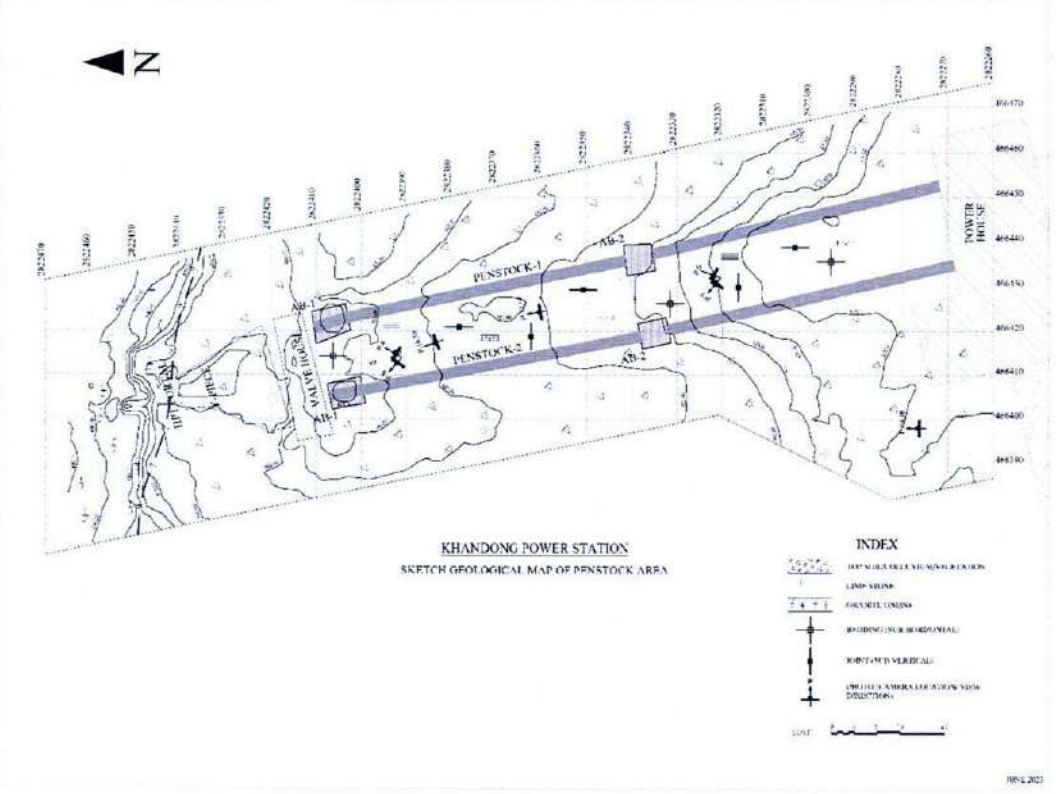


Figure.1: Sketch Geological Map of the Penstock area

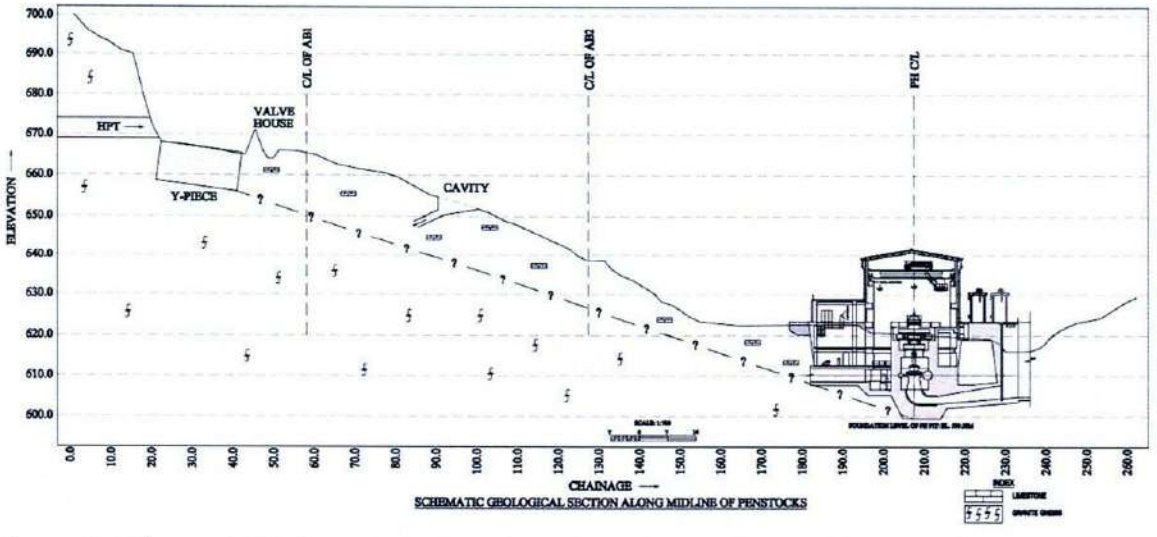


Figure.2: Schematic Geological Section along the mid-line of the twin Penstocks

From the days of the hydropower development in Kopili basin, the limestone has earned a dubious reputation of being a karstic region and has invited all out investigations for engineering solutions. In that reference, the penstock slope is no different and presents classic karstic conditions. Extensive investigations for optimising safe locations for the four anchor blocks are also believed to have been carried out during the project investigation and construction, and the fact that the anchor blocks stand intact despite rampant damage at

the site bears a befitting testimony to the investigative efforts in ensuring that these are footed on sound rock foundation. Several close spaced drill holes, both in the bed rock as also in the lean concrete (Photo.11, Photo.12), support the contention that the site has been extensively investigated through drilling. However, the verticality of the anchor blocks in support of the belief that these indeed rest over sound foundation may better be confirmed.



Photo.9: Fossiliferous limestone



Photo.10: Sub-horizontal bedding, sub-vertical and open jointing



Photo.11: Drilling in bedrock



Photo.12: Drilling in lean concrete

The bedrock in and around the penstock slope offers karstic conditions in the form of a couple of large solution cavities, and a major surface channel, presumably along subvertical joints. One of these is in the upper reaches of the penstock slope (Photo.13, Photo.14). It is open to the ground, has a fairly large chamber where a person can stand freely with free overhead space. The chamber has a large stalactite and has more than a couple of smaller cavities that extend at depth beyond visibility. These could be connected to other such cavities underneath.

The other significantly large cavity is an open to ground linear half-tunnel like channel with smooth and curved surfaces due to solution action (Photo.15, Photo.16). The channel lies near the powerhouse, outside the penstock area on its right side. It is partly covered by

colluvium on the sides for which a part of it looks like a full tunnel too. There is considerably large free flow of water through this channel that seems to be coming through the penstock area, both from and around. The quantum of flow is guesstimated to be more than 100 lpm. Interestingly, as the seepage discharge from the HPT is just a trickle (Photo.17), the channel flow is believed to be getting recharged from the groundwater. This could be an interesting area of investigation through dye tests.

The surface channel-like cavities are located close to Anchor Blocks-1 (Photo.18, Photo.19). These are fairly wide and partly filled by the silt from the flooding episode.

In summary, the presence of solution cavities and channels in the penstock area not only supports the karstic nature of the limestone, it also suggests groundwater navigation through inter-cavity connections. However, it is not necessary that such a feature reflects on any instability of the penstocks, particularly the anchor blocks.



Photo.13: Large solution cavity (external view)



Photo.14: Large solution cavity (internal view)

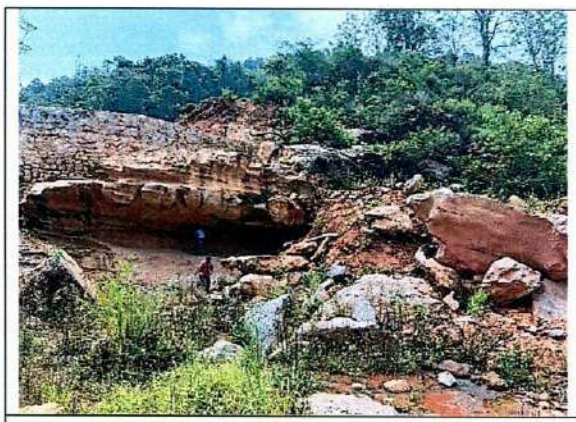


Photo.15: Solution channel (external view)

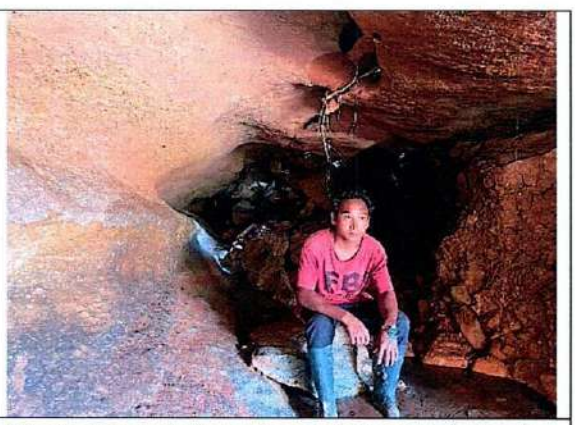


Photo.16: Solution channel (internal view)

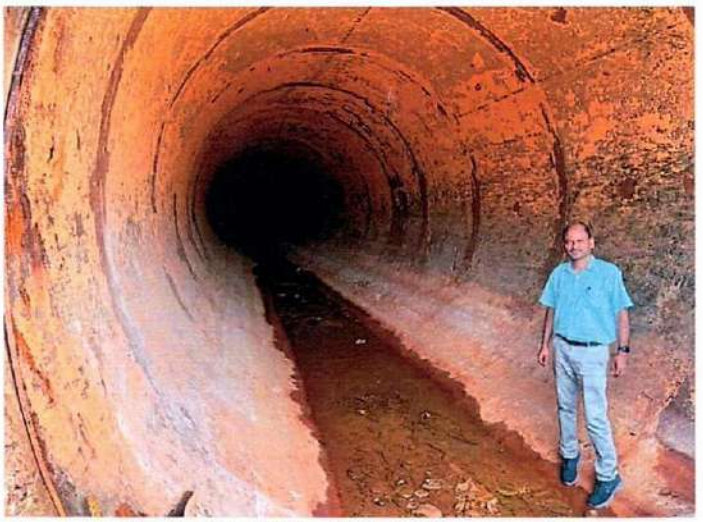


Photo.17: HPT with trickling seepage

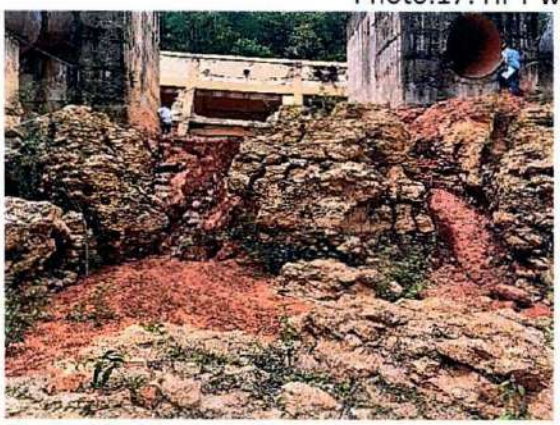


Photo.18: Solution channel



Photo.19: Solution channel

3.0 Geophysical Investigations

The karstic nature of the limestone has been investigated recently through geophysical surveys by Parsan Overseas Pvt. Ltd. The work included ERI, MASW, SRT and Micro-Gravity surveys. Taking cue from the general geological setting, low resistivity zones have been interpreted as corresponding to water filled cavities. The high resistivity values are likely to correspond to rock. The investigations clearly bring out location of solution cavities, with excellent correlation between gravity and ERI surveys conducted for this purpose. Besides the main cavity below Anchor Blocks-1, quite a few smaller cavities have been identified. The report supports the conclusion that solution cavities do exist in the penstock area, but their interconnectivity is distinctly not established.

While survey profiles are located flanking the penstocks on the outside, it is surprising that the wide strip of area between the penstocks has not been surveyed.

While going through the geophysical survey report, it is found that certain aspects require further clarification in order to enhance the understanding of the findings. Specifically, the report lacks explicit explanation regarding the derivation of conclusions pertaining to solution cavities within the rock formation based on low resistivity measurements. It is

imperative that the vendor elucidates how precisely the observed low resistivity values indicate the presence of voids, or, whether they are filled with water or soil.

Furthermore, the report fails to establish a clear correlation between the results of the Electrical Resistivity Imaging (ERI) profiles and the layout of the crucial engineering components within the penstock area. The absence of such correlation leaves a gap in comprehending the implications of the ERI data in relation to the positioning and design of critical elements such as the Y-piece, valve house, penstock, and anchor blocks.

To rectify these limitations, it is recommended that the vendor supplements their analysis by providing a detailed explanation on how low resistivity measurements correspond to the presence of solution cavities and their content, be it void, water or soil. This clarification will enable a more precise understanding of the geophysical conditions at the site, consequently informing appropriate decision-making.

It may also be pointed out that the plan and 3D view of the cavities in the report (Figure.3, Figure.4), though a good value addition, are not supported by key references like landmarks and chainages and, hence, are not comprehensible vis-à-vis penstock layout.

In summary, for the vendor's geophysical survey report to provide a complete and actionable analysis, the above-mentioned additions will significantly enhance the value of the vendor's analysis and facilitate informed decision-making for the successful implementation of the penstock restoration.

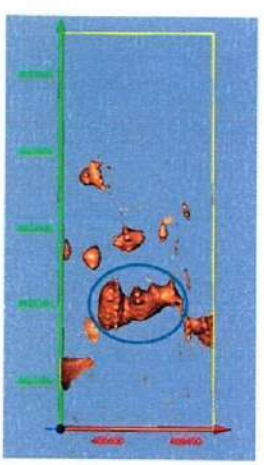


Figure.3: ERI investigated plan view of the solution cavities

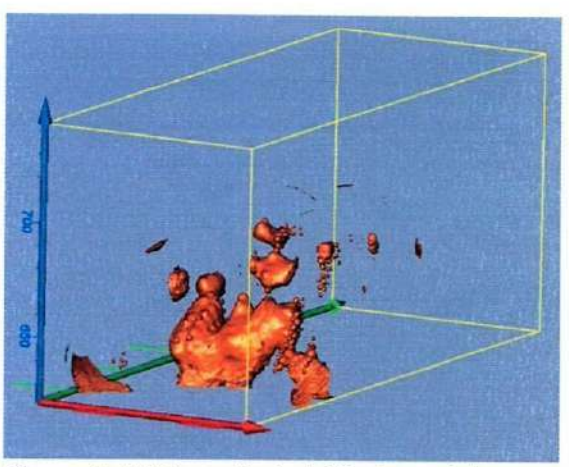


Figure.4: ERI investigated 3D view of the solution cavities

4.0 Conclusions and Recommendations

1. The penstock area is located in karstic limestone, evidences for which are available aplenty on the surface itself.

2. While one of the two large solution cavities in the penstock area is located on the penstock slope itself, the other lies considerably away on the right flank.

3. There are indications that the solution cavities in the area could be interconnected. This, however, does not suggest that the penstock stability could be jeopardised due to such an interconnectivity of the solution cavities.

4. The four anchor blocks, two each along the twin penstocks, have withstood the ravages of the flooding episode in the penstock area and stand erect.

5. It is believed, and also evidenced by the relicts of a number of boreholes in the penstock slope, that the anchor block sites are well investigated and that they have been founded over sound bedrock.

6. Although the stability of the anchor blocks is considered time-tested, it is prudent to confirm that all the four anchor blocks indeed rest on sound foundation. This is recommended through the investigation and confirmation of the verticality of the anchor blocks.

7. The scouring by the surface runoff during the flooding, however, could be a concern as it seems to have affected the sides of the penstocks like that adjoining the Anchor Block-1/P-2 (Photo.18).

8. For the confirmation of foundation integrity of the anchor blocks, percussive drilling around the anchor blocks is recommended. A minimum of four boreholes, on the four sides, and inclined inwards, are required for each anchor block leading to an aggregate drilling of sixteen boreholes.

9. The depth of the boreholes may be decided on engineering consideration like the extent of the pressure bulb below the anchor block foundation, and requisite sound rock further down.

10. Each drill hole should be carefully monitored and interpreted by a competent engineering geologist based on factors like rate of drilling, colour of return water, composition of washed material like rock chips, temperature of water, etc.

11. The reinforcement of the anchor blocks shall be decided based on the drilling results.

12. The reinforcement and restoration of saddles require engineering decisions.

13. The penstock area is recommended for detailed engineering geological mapping by a competent engineering geologist. It would not be out of place to reiterate that a dependable engineering geological map is the backbone for investigation, detailed engineering, and construction of any project.

14. Dye tests may be considered for investigating the interconnectivity of the solution cavities. To begin with, this could be done through injecting dye at the HPT outlet and monitoring the discharge in the solution channel near the powerhouse.

15. The report on geophysical investigations needs to be revised with a detailed explanation on how low resistivity measurements correspond to the presence of solution cavities and their content, viz. void, water, or soil, and a comprehensive correlation between the ERI profiles and the layout of the engineering components, thus providing a complete and actionable analysis. In particular, the 3D view of the cavities, though a good value addition to the report, lacks comprehension as it is not supported by correlative ground features like anchor blocks, coordinates, chainages, etc.

16. The stability of the anchor blocks is recommended to be reviewed after the results of the suggested investigations, and the revised geophysical survey report, are available.

Greater Noida
(Camp Banikhet, Himachal Pradesh)
18 June 2023

ANNEXURE-C

CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

Petition No. 633/MP/2020

Coram:
Shri Jishnu Barua, Chairperson
Shri Ramesh Babu V., Member
Shri Harish Dudani, Member
Shri Ravinder Singh Dhillon, Member

Date of Order: 31st July, 2025

In the matter of

Petition under Sections 62 and 79(1) of the Electricity Act, 2003 read with related provisions of Chapter 5 of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and Regulation 27(1) of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for approval of proposal for Renovation & Modernization for life extension beyond the normal useful life in respect of Khandong Power Station (50 MW) of North Eastern Electric Power Corporation Limited, Shillong.

And

In the matter of:

North Eastern Electric Power Corporation Limited,
Brookland Compound, Lower New Colony,
Shillong - 793003, Meghalaya **... Petitioner**

Vs

1. Assam Power Distribution Company Ltd,
   Bijulee Bhawan, Paltanbazar
   Guwahati 781 001- Assam.

2. Meghalaya Power Distribution Corporation Ltd,
   Lumjinshai, Short Round Road
   Shillong -799001, Meghalaya.

3. Tripura State Electricity Corporation Ltd,
   Bidyut Bhavan, North Banamalipur,
   Agartala -799 001, Tripura.

4. Power & Electricity Department,
   Government of Mizoram, New Secretariat Complex,
   Kawlphetha, Aizwal- 796001

5. Manipur State Power Distribution Company Limited,
   3rd Floor, New Directorate Building, Near 2nd M.R Gate,
   Imphal- Dimapur Road, Imphal- 795001, Manipur.

6. Department of Power,
   Bidyut Bhawan, Government of Arunachal Pradesh,
   Itanagar-791111, Arunachal Pradesh.

7. Department of Power,
   Government of Nagaland, Electricity House,
   A G Colony, Kohima- 797001, Nagaland.

8. North Eastern Regional Power Committee,
   NERPC Complex, Dong Parmaw, Lapalang,
   Shillong-793006, Meghalaya.

9. North Eastern Regional Load Despatch Centre
   Dongtieh, Lower Nongrah, Lapalang,
   Shillong -793006, Meghalaya. **……Respondents**

Parties Present:

Shri Ripunjoy Bhuyan, NEEPCO

ORDER

The Petitioner, North Eastern Electric Power Corporation Limited, has filed the present petition seeking the following relief(s):

(a) Approve the Detailed Project Report on Renovation & Modernization for Life Extension of the 2x23 MW Khandong Power Station with an estimated project cost of Rs. 248.11 crore; and

(b)Allow recovery of the approved O&M expenses and interest on loan during the period of complete/partial shutdown for R&M activities so that these expenditures are not required to be capitalized with the R&M cost.

Submissions of the Petitioner

2. In support of the above prayers, the Petitioner has submitted the following:

(a) The Khandong Power Station will be completing its useful life on 3.5.2024. Due to a long operation of 36 years, the operating efficiency of the machines has deteriorated. Generating units have got de-rated, and the condition of their auxiliaries, instruments, protective relays & control equipment has deteriorated to such an extent that the combined output of the power plants has fallen below the nameplate capacity with all units running. The units are now operating at 100% gate opening to achieve 67-68 MW against the rated Installed Capacity of 75 MW at FRL i.e. 725.00M. The units with 100% gate opening are not able to respond to grid codes like Primary Response, RGMO, AGC (Automatic Generation Control), etc.

(b) The Power Station is fast approaching completion of its useful life, and it is proposed to bring back its reliability by way of acid-resistant underwater parts in consideration of the lower pH of reservoir water, which is presently in the range of 3.36 to 5.44. Moreover, the adverse condition of the equipment is leading to frequent breakdowns, resulting in a relatively low plant load factor. Thus, a need is established to suitably refurbish & modernize the units to obtain the desired output along with life extension of machine & plant and adoption of modern technologies for better control and monitoring.

(c) The following problems are being faced at the power station, causing frequent outages of the generating units, which in turn is leading to substantial wastage of available water power potential:

(i) Excessive wear & tear and erosion/damages of underwater parts due to both ageing and acidic reservoir water.
(ii) Deterioration of the underwater parts is a major factor for the inefficient operation of the power plant.
(iii) Inefficient/old design / obsolete valves, MIV, turbines and generators.
(iv) Inefficient Governors of obsolete technology.
(v) Unreliable functioning of Hydro-Mechanical equipment.
(vi) Increased head loss after addition of third Unit.
(vii) Inefficient utilization of water.
(viii) Adoption of modern control (DCS) and Open Platform Communication (OPC).
(ix) Non-availability of spare parts of outdated systems and equipment.
(x) Implementation of AGC

(d) CEA guidelines on the "Best Practices & Bench Marking for Hydro" under Chapter 7, Renovation, and Modernisation & Up-rating of hydro power plants stipulate that by undertaking timely RM&U & Life extension program, the generating plant can be made to operate for an extended period of 20-25 years with improved reliability and availability.

(e) The Petitioner has prepared a Detailed Project Report (DPR) on Renovation & Modernization for life extension of the Khandong Power Station based on RLA & LE studies for some Electro-mechanical (E&M) and Hydro-Mechanical systems carried out by M/s. CPRI.

Hearing dated 27.4.2021

3. The Petition was heard on 'admission' on 27.4.2021, and the Commission, after considering the submissions of the parties, admitted the petition and directed issue of notice to the Respondents. The Commission, after directing the Petitioner to file certain additional information, permitted the parties to complete their pleadings in the matter. In response to the above directions, the Petitioner has filed additional information, vide affidavit dated 19.5.2021, after serving a copy on the Respondents. None of the Respondents has filed

their reply in the matter.

Hearing dated 2.7.2025

4. During the hearing of the Petition on 2.7.2025, the representative of the Petitioner made oral submissions in support of the reliefs sought in the petition. However, on a specific query of the Commission with regard to the status of approval of the DPR by the CEA, the representative of the Petitioner clarified that the DPR submitted to CEA for approval on 4.8.2020, is under active consideration by the CEA, and approval is expected shortly. On an observation of the Commission that no purpose would be served to keep the matter pending, considering the fact that the DPR approval by CEA is awaited and that the anticipated COD of the Units (post-R&M) would fall during the period 2024-29, thereby requiring revision of the petition in terms of the 2024 Tariff Regulations, the representative of the Petitioner sought permission to withdraw the present petition, with liberty to the Petitioner to approach the Commission on this subject, after approval of the DPR. He also prayed for adjustment of the filing fees paid for the present Petition, against the Petition to be filed on the subject, in future.

5. In view of the above submissions, the Petitioner is permitted to 'withdraw' the present Petition with the liberty to approach the Commission in the future, with a fresh petition, along with all relevant supporting documents. The filing fees paid in the present Petition will be adjusted against the Petition to be filed in the future, as stated above.

6. Accordingly, Petition No. 633/MP/2020 is disposed of as 'withdrawn'.

Sd/-	***Sd/-***	***Sd/-***	***Sd/-***
(Ravinder Singh Dhillon)	**(Harish Dudani)**	**(Ramesh Babu V.)**	**(Jishnu Barua)**
Member	**Member**	**Member**	**Chairperson**

ANNEXURE-D

भारत सरकार
Govt. of India
विद्युत मंत्रालय
Ministry of Power
केंद्रीय विद्युत प्राधिकरण
Central Electricity Authority
जलविद्युत परियोजना मूल्यांकन प्रभाग
Hydro Project Appraisal Division

विषय: Examination of Detailed Project Report (DPR) for Renovation & Modernisation and Life Extension works of 46 (2x23) MW Khandong Power Station, Umrongso, Assam of NEEPCO – vetting of E&M Cost estimate at March 2022 PL reg.

Reference is invited to HE&TD Division, CEA letter dated 14.09.2021 enclosing therein revised E&M Cost Estimate as ₹ 191.03 Crores at March 2022 PL and vetted revised BoQ in respect of the proposed Renovation & Modernisation and Life Extension works of Khandong Power Station (2x23 MW) in Umrongso, Assam by M/s North Eastern Electric Power Corporation Ltd. (NEEPCO) for examination and vetting of CEA.

The proposal of cost estimates of E&M works at March 2022 Price level submitted by NEEPCO has been examined and is vetted for an amount of **₹ 188.42 Crores at March 2022 PL**. Abstract of vetted E&M cost estimate of the project is given below:

(in ₹ Crores)

Sl. No	Item	Cost vetted by CEA at March 2022 PL
1	E&M works	183.04
2	Dismantling charges	5.38
	Total	188.42

Details of E&M cost estimate abstract vetted by CEA are enclosed at **Annexure.**

Also, NEEPCO is advised to deduct/adjust the amount, if any, of the scrap of replaced/dismantled E&M items from vetted E&M cost for determination of tariff.

This issues with approval of Competent Authority.

संलग्न: उपरोक्त

आशीष कुमार लोहिया
18.11.2022
(आशीष कुमार लोहिया)
उप-निदेशक (एचपीए)

मुख्य अभियंता (एच.ई.&टी.डी), के.वि.प्रा.

प्रतिलिपि : श्री अशोक नियोग, कार्यकारी निदेशक (एस. & आई.), नीपको

सेवाभवन, आर. के. पुरम-I, नईदिल्ली-110066 टेलीफोन: 011-26732762 ईमेल: hpaone-cea@gov.in वेबसाइट: www.cea.nic.in
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Annexure

Annex-S

Renovation, Modernization & Life Extension Works of Khandong Power Station (2 X 23 MW)

Cost Estimates of Electro Mechanical Works

(Abstract of cost estimate of E&M works)

in ₹ Lakh

Sl. No	Item	As Per Vetted Estimate At March 2021 PL by CEA	Cost Estimate vetted by CEA at March'22 PL
1	**(a) Preliminary - Annex-S(1)**	87.13	127.68
	(b) GST As applicable on 1(a) @18%	15.68	22.98
	Sub-total Preliminary	102.82	**150.67**
2	**Generating Plant and Auxiliaries**	-	
	a) Generating Units and Associated Accessories - **Annex - S(2)**	7,729.25	9,529.52
	b) Auxiliary electrical equipment for power station -**Annex-S(3)**	749.36	1,281.17
	c) Auxiliary Mechanical equipment and services for power station - **Annex-S(4)**	108.51	1,042.99
	GST as applicable on 2(a), (b) & (c)	1,545.68	2,135.11
	d) Transportation, handling and Insurance charges of 2(a),(b) & (c)	359.40	518.24
	GST as applicable on 2(d) @ 18%	64.69	93.28
	e) Erection and commissioning charges of 2(a),(b),(c) excluding spares	523.64	846.56
	GST as applicable on 2(e) @ 18%	94.26	152.38
	Sub-Total (Generating Plant and Equipment)	**11,174.79**	**15,599.25**
3	**Switchyard and Pothead Yard Equipment & Services**		
	a) Substation equipment, auxiliary equipment and service of Switchyard - **Annex-S(5)**	126.16	914.76
	GST as applicable on 3(a)	22.71	164.66
	b) Transportation, handling and insurance charges	5.18	48.46
	GST as applicable on 3(b) @ 18%	0.93	8.72

	c) Erection and Commissioning charges	6.67	61.02
	GST as applicable on 3(c) @ 18%	1.20	10.98
	Sub-Total (Substation Equipment, Auxiliary Equipment and Service of Switch Yard)	**162.85**	**1,208.61**
4	Contingencies @ 1% of items 2 & 3	113.38	168.08
5	Tools & Plants @ 0.5% of item 2 &3	56.69	84.04
6	**Sub-Total (Item 1 to 5)**	**11,610.53**	**17,210.65**
7	Establishment (as per CEA Guidelines)	680.26	1,008.47
8	**Sub Total (Item 6 + 7)**	**12,290.78**	**18,219.12**
9	Audit and account Charges (as per CEA Guidelines)	28.60	84.79
10	**TOTAL (8 + 9)**	**12,319.39**	**18,303.91**
11	**Enabling Works (EM) and Dismantling**		
	a) Enabling Works (EM) and Dismantling Charges	-	456.21
	b) GST as applicable on 11(a)	-	82.12
	Sub Total (Dismantling)	-	**538.33**
12	**GRAND TOTAL (10+11)**	**12,319.39**	**18,842.24**

Annex-S(1)

Renovation, Modernization & Life Extension Works of Khandong Power Station (2 X 23 MW)

Cost Estimates of Electro Mechanical Works

(Preliminary Works)

Price Level: March 2022

in ₹ Lakh

Sl. No	Item Particulars	Quantity	Cost vetted by CEA
1	Design & Consultancy Charges	1	127.68
2	Model Testing for Turbine	0	-
	Total		**127.68**

Annex-S(2)

Renovation, Modernization & Life Extension Works of Khandong Power Station (2 X 23 MW)

Cost Estimates of Electro Mechanical Works

(Generating Units and Associated Accessories)

Price Level: March 2022

in ₹ Lakh

Sl. No	Item Particulars	Quantity	Updated Unit rate at March 2022 PL vetted by CEA	Cost vetted by CEA
1	**a)** Turbine Generator Units 2X23 MW, 333.33 RPM, 82 M head, 0.9 pf, 11 kV complete with allied equipment such as MIV, Governor, AVR, Excitation System etc.			
	a.1) Turbine Assembly			
	a.1.01) Runner with Runner Cone (Nos.)	2	390.78	781.55
	a.1.02) Draft Tube Cone Assembly with adjusting ring (Set)	2	97.69	195.38
	a.1.03) Turbine Shaft along with Shaft Seal, its accessories and hardwares (Set)	2	129.18	258.36
	a.1.04) Turbine Shaft and Runner Coupling Bolts & Nuts, and Runner & Runner Cone coupling Bolts & Nuts (Set)	2	11.29	22.59
	a.1.05) SS Make Air Valves along with hermetically sealed Limit Switches	2	15.85	31.70
	a.1.06) SS Make Bypass Valves alongwith Hardwares and hermetically sealed Limit Switches	2	39.16	78.32
	a.1.07) Tools & Tackles for Turbine Assembly	1	74.56	74.56
	a.1.08) Guide Vanes (including liner plates, guide vane top and bottom bushings alongwith fitted self lubricating bushes and hardwares	2	165.00	330.00
	a.1.09) Regulating mechanism etc. for Guide Apparatus Assy. (Set)	2	30.30	60.60
	a.1.10) Guide Vane Servomotors (Set)	2	12.12	24.24
	a.1.11) Auxiliaries of Guide apparatus (Set)	2	36.36	72.72
	a.1.12) Stainless Steel Top Cover for Turbine	2	102.97	205.93
	a.1.13) Stainless Steel Pivot Ring	2	51.85	103.71

	a.1.14) Turbine Guide Bearing with coolers	2	40.54	81.09
	a.1.15) Refurbishment of draft tube liner, stay Ring, Stay Vanes and Spiral Casing (set)	2	422.74	845.49
	a.2) Vertical Shaft Salient Pole Generator Assembly			
	a.2) 23 MW (with 10% continuous overload capacity), 11 kV, 50 Hz, 3 phase Salient Pole Verticle Shaft Generators with all accessories in complete			
	a.2.01) Generator complete Assembly			
	a.2.01.01) Stator Complete Including Stator Frame, Stator Core & Stator Winding (Set)	2	260.31	520.62
	a.2.01.02) Generator Coolers (Set)	2	39.09	78.17
	a.2.01.03) Rotor Rim Sheets (Set)	2	93.81	187.61
	a.2.01.04) Rotor Poles (Set)	2	101.62	203.25
	a.2.01.05) Shaft (Set)	2	39.09	78.17
	a.2.01.06) Lower Bracket (nos.)	2	46.90	93.81
	a.2.01.07) Lower thrust & guide bearing assembly (Set)	2	23.45	46.90
	a.2.01.08) Upper Bracket (Set)	2	31.27	62.54
	a.2.01.09) Brake and Jack System (Set)	2	15.63	31.27
	a.2.01.10) Miscellaneous Plants and equipments (Lot)	1	112.16	112.16
	a.2.01.11) Tools & Devices for Generator & Associated Auxiliaries (Lot)	1	100.94	100.94
	a.2.02) Station Auxiliaries for generators: CO_2 based Fire Fighting System for generator	1	43.22	43.22
	a.2.03) Special Instruments for generator Continuous Online Partial Discharge Analyzer, Moisture Detector, Continuous Online Vibration Monitor and Shaft Current Monitor (Sets)	2	115.28	230.56
	a.2.04) Condition monitoring Items for generator Continuous Online Air Gap Monitoring	2	280.99	561.98

	System, Online Magnetic Flux Monitoring System, Online End Winding Vibration Monitoring System (Sets)			
	a.3) Main Inlet Valve (Butterfly Valve)			-
	a.3) Lattice Door type Butterfly valve of Dia 2300 mm, maximum static head 125 m, complete with Closing Counterweight, Inlet & Outlet Pipes, Bypass Arrangement, Air Valve, Anti Vacuum Valve, Oil Pressue Unit and all accessories (Set)	2	461.64	923.29
	a.4) Governor and Associated Auxiliaries		-	-
	a.4.01) Governing System for Turbine and MIV including Oil Pressure Unit, Accumulator with Nitrogen Bottles, Hydraulic Control Panel, Oil Piping, Valves, Fittings and all associated Auxiliaries for Unit # 1 & 2 (Set)	1	101.45	101.45
	a.5) Static Excitation and Regulation Equipment		-	
	a.5.01) Static Excitation Panel (Nos.)	2	38.41	76.81
	a.5.02) 250 kVA 11/0.433 kV Static Excitation Transformer Nos.)	2	4.84	9.68
	b) Unit Control Boards			-
	b1) Micom C264 BCU and accessories for UCB	2	23.61	47.23
	b2) Simplex Type Panels for UCB	4	1.53	6.11
	c) Cooling Water System comprising pump sets, valves, piping etc.	1	400.00	400.00
	d) Drainage & Dewatering Systems	1	163.28	163.28
	e) Low Pressure Compressed Air System including pipes and valves	1	46.92	46.92
	f) Spares @5% on item 1(a) to 1(e) (including one spare runner)			-
	f.1) 1 (One) Spare Runner	1	390.78	390.78
	f.2) Spares @3% on item 1(a) to 1(e) (excluding cost of spare runner)	1		195.32
2	**Refurbishment of 11 kV 1650 Amps Isolated Phase Bus Duct / Seggregated Phase Bus Duct for Generator - Transformer Connection, including LAVT, NGT and ICT, Surge Protection and Neutral Earthing System**			
	2.a) Surge protection and V.T Equipment (LAVT) (Set)	2	10.26	20.53
	2.b) Neutral Grounding Transformer incl. Cubicle (Set)	2	3.83	7.67
	2.c) Current transformers in the main & tap off buses along with marshalling boxes (Set)	2	7.05	14.09
	2.d) Tools & Tackles for 11kV Bus Duct (Lot)	1	0.33	0.33
3	**Supervisory Control And Data Acquisition System (SCADA)**		-	-
	3.a) Common Service Board (Set)	1	62.39	62.39

	3.b) Switch Yard Control Board (Set)	0	-	-
	3.c) Dam RTU (Set)	1	62.39	62.39
	3.d) SCADA System (including PCs, Printers etc) (Set)	1	124.78	124.78
	3.e) LVS (Set)	1	74.87	74.87
	3.f) RTU for Data Telemetry	1	50.00	50.00
4	**Unit Control & Protection Panels**			-
	4.a) Unit Auxiliary Boards	2	14.49	28.98
	4.b) Generator Relay Panel	2	26.79	53.58
5	..... kV ..... Amps Generator Circuit Breaker (If provided)	0		
6	Lubricating Oil and Governor Oil for first filling	0		
7	**Pressure Shaft Valve (..... m Dia)**			
	7.a) Stainless Steel Butterfly Valve along with Power Pack, Operating Mechanism, Local/Remote Control & Display/ Annunciation Panel, etc.	2	316.73	633.45
	7.b) Modification of Design for Burst Flow Condition including supply of materials such as Disc Top Plate, Angular Rib Plate, Weight of Drive Assembly and Fabrication and Transportation of the Materials	2	21.71	43.43
	7.c) Inlet Outlet Pipes, Dismantling Flanges, Manhole with door for BFV with Burst Flow Capacity	2	139.94	279.88
	7.d) Inlet & Outlet Ferrules of required thickness	2	21.51	43.02
	7.e) Air Release Cum Vacuum Breaking Valve (2 nos. for each Butterfly Valve)	4	34.22	136.86
8	Spares @ 3% on Items 2 to 6			14.99
	Total			**9,529.52**

Annex-S(3)

Renovation, Modernization & Life Extension Works of Khandong Power Station (2 X 23 MW)

Cost Estimates of Electro Mechanical Works

(Auxiliary electrical equipment for power station)

Price Level: March 2022

in ₹ Lakh

Sl. No	Item Particulars	Quantity	Updated Unit rate at March 2022 PL by CEA	Cost vetted by CEA
1	1a) 28.5 MVA, 11/132 kV 3 phase ONAN Generator Step Up Transformer with RIP Bushing, hydraulic jacks for lifting the transformer, Oil for first filling, Testing charges and Mandatory Spares	1	281.23	281.23
	1b) Conversion of Generator Transformer Cooling System to OFAF incl. spares	2	62.67	125.33
			-	-
2	Unit Auxiliary Transformer 630 kVA, 11/0.415 kV 3 ph. Dry Type	2	16.39	32.79
				-
3	a) Station Service Transformer 3 MVA, 132/33 kV, 3 ph. ONAN	1	89.43	89.43
	b) Plant Auxiliary Transformer 1 MVA, 33/11 kV 3 ph. ONAN (supply to BFVH)	1	27.29	27.29
	c) Station Auxiliary Transformer 1 MVA, 33/0.433 kV, 3 ph. ONAN	1	14.27	14.27
4	HT / LT Switchgear for Power Supply to PH complex, Pothead Yard, BFV and Dam Site			
	a) 33 kV 1250 A DB Isolator with galvanized structure, hardware, Insulator etc. in complete	10	1.12	11.24
	b) 33 kV 1250 A DB High Beam Isolator with galvanized structure, hardware, Insulator etc. in complete	2	1.46	2.91
	c) Galvanized Structure for 33 kV CT/PT/ Gantry etc.			
	c1) Galvanized Structure for 33 kV CT	12	0.12	1.44
	c2) Galvanized Structure for 33 kV PT	3	0.12	0.36
	c3) Galvanized Structure for 33 kV Gantry Tower	7	1.65	11.55
	c3) Galvanized Structure for 33 kV Horizontal Gantry	4	1.45	5.80
	d) Panther Conductor for 33 kV Bus	0.2	14.255	2.85
	e) Racoon Conductor	0.2	14.255	2.85

	f) Polymer pin, Suspension/String insulators, Hardware, clamps, connectors, spacers, all accessories etc (1 lot for each bay) for 33 KV complete switchyard	7	3.65	25.55
	g) ACDB for SY Kiosk Room	1	5.125	5.13
	h) 33 kV LA with connector as necessary	9	0.1345	1.21
	i) LTAC SSB for Station Supply	1	66.07	66.07
	j) 33 kV 200-100/1-1-1 Amps Polymer Insulator CT alongwith Terminal Connector for Racoon Conductors	15	0.5765	8.65
	k) 33 kV 50-25/1-1-1 Amps Polymer Insulator CT alongwith Terminal Connector for Racoon Conductors	12	0.5825	6.99
	l) 33000/Rt3/110/Rt3-110/Rt3 Outdoor Polymer Insultor PT	9	0.465	4.19
5	DC Batteries, Battery Charging Equipment, DC Distribution Board with DC Switchgear (Rating ... V, ... AH, & ... V, ... AH)			
	a) 10 kVA Inverter	2	4.97	9.94
	b1)75 Amps Float cum Boost Charger Panel for 220 V DC System	2	3.60	7.19
	b2) 220 V, 400 AH VRLA Battery Bank consisting of 110 nos. cell along with 4 nos. spare cells, rack/stand, cables and accessories (Sets)	2	7.26	14.52
	b3) 220 V DC distribution board (Sets)	1	5.00	5.00
	c1) Automatic Dual Float cum Boost (50 Amps) Battery Charging Equipment suitable for 48 Volts 300AH VRLA battery (Sets)	2	4.47	8.94
	c2) Valve regulated SMF lead acid 48 Volts (24 cells) 300AH battery complete with inter cell, inter row connectors, standard accessories and MS rack (Sets)	2	2.10	4.21
	c3) 48 V DC Distribution Board	1	1.00	1.00
	d1) Automatic Dual Float cum Boost (100 Amps) Battery Charging Equipment suitable for 24 Volts 200AH PLANTE battery (Sets)	2	5.58	11.15
	d2) Lead acid 24 Volts 200AH battery (consisting of 12 cells for each battery) (Sets)	2	3.31	6.63

6	a) Diesel Generating Set (Rating 415 V, 400 kVA) (Nos.) (including mandatory spares)	1	29.61	29.61
	b) Cables for DG Set (Lot)	1	4.12	4.12
	c) Repairing / Refurbishment of DG Set after flood damage	1	5.00	5.00
7	a) Control & Power Cables (Lot)	1	179.30	179.30
	b) OFC for BFVH Connectivity (km)	2	1.48	2.96
8	Cable Racks, Trays, Supporting Structure and Accessories (Lot)	1	20.50	20.50
9	CCTV, Surveillance System & Telecommunication System (Set)			
	a) Public Address System	1	14.22	14.22
	b) Wireless Comunication System	1	2.85	2.85
	c) CCTV & Surveillance System	1	14.05	14.05
10	Ground Mat & Earthing for Dam, PH Complex and Pothead Yard			
	a) Repair/ Refurbishment, testing of Station grounding & earthing system (Lot)	1	10.00	10.00
	b) Lightning Protection of Switch yard and Power House (Lot)	1	10.00	10.00
11	Illumination of PH Complex, BFV House Chamber, Pothead Yard and Dam Site (Lot)	1	86.02	86.02
12	Electrical Workshop (Lot)			-
13	Electrical Test Lab & Testing Equipments (Lot)	1	92.71	92.71
14	**Sub-total (Items 1 to 13)**			**1,267.03**
15	Spares @ 3% of sl. no. 14 (excluding sl. no. 1a, 1b, 4, 6a & 6b, 10, 11, 12, 13)			14.14
16	**Total**			**1,281.17**

Annex-S(4)

Annex – S(4)

Renovation, Modernization & Life Extension Works of Khandong Power Station (2 X 23 MW)

Cost Estimates of Electro Mechanical Works

(Auxiliary Mechanical equipment and services for power station)

Price Level: March 2022

in ₹ Lakh

Sl. No	Item Particulars	Quantity	Updated Unit rate at March 2022 PL by CEA	Cost vetted by CEA
1	Refurbishment of Electrical Overhead Travelling Crane for PH (Capacity 125 / 25 T) (lot)	1	57.88	57.88
				-
2	Electrical Overhead Travelling Crane for GIS (Capacity ..... T) (Not applicable)	0		-
3	(a) Refurbishment of Manual Overhead Crane for BFV House (Capacity 15 T) (Lot)	-		-
	(b) Supply and Installation of new EOT Crane (Capacity 25 T) (Lot)	1	46.35	46.35
4	Electric Lifts and Elevators (Not Applicable)	-		-
5	Fire Fighting Equipment with Storage Tanks, Pipes, Pumps, Valves etc.			
	a) Upgradation of Emulsifier System and Portable Fire Extinguishers (Lot)	1	5.75	5.75
	b) Supply and Installation of new Fire Fighting System after flood damage	1	825.41	825.41
6	Heating, Ventilation and Air-conditioning			
	a) HVAC with centralized Air Conditioner, Ventilation Ducts, cassette dispensers Etc. (Lot)	1	26.77	26.77
	b) Air Dryer/ Dehumidifier for turbine pit	1	5.00	5.00

	(Lot)			
7	Potable Water Supply for PH Complex and Pothead Yard			
	1000 LPH RO System for Khandong Power House (Nos)	1	10.04	10.04
8	Oil Handling Equipment with Pipes, valves, tanks, purifiers			
	(a) Transformer Oil Filtration Plant (6000 LPH)	1	17.15	17.15
	(b) Transformer Oil Storage Tank (30 kl)	1	18.25	18.25
9	Workshop Machines and equipment	-		
10	**Sub-Total (Items 1 to 9)**			**1,012.61**
11	Spares @ 3% on item 10			30.38
	Total			**1,042.99**

Annex-S(5)

Renovation, Modernization & Life Extension Works of Khandong Power Station (2 X 23 MW)

Cost Estimates of Electro Mechanical Works

(Substation equipment, auxiliary equipment and service of Switchyard)

Price Level: March 2022

in ₹ Lakh

Sl. No	Item Particulars	Quantity	Updated Unit rate at March 2022 PL by CEA	Cost vetted by CEA
1	132/33 kV Switchyard Equipments including Coupling Capacitors, wave traps, Las etc.			
	a1) 145 kV, 1250 A SF6 Circuit Breaker for Station Service Transformer at Khandong SY	0	8.96	-
	a2.1) 170 kV 3150 A SF6 Circuit Breaker for Unit Bay	2	15.85	31.70
	a2.2) Mandatory Spares for 170 kV 3150 A SF6 Circuit Breakers (lot)	1	16.805	16.81
	a3.1) Trolley mounted SF6 gas handling equipment for filling and evacuation and refilling of SF6 gas of Circuit breaker complete	1	54.255	54.26
	a.3.2) Portable SF6 gas filling kit along with nozzles for existing Siemens &Alstom breakers	1	9.252	9.25
	a.3.3) SF6 gas leak detector	1	8.925	8.93
	a.3.4) Circuit breaker contact resistance (CRM) measuring kit	1	8.655	8.66
	a.3.5) Terminal connector suitable for single HTLS Zebra	66	0.095	6.27
	b) Isolator / Pantograph (Rating 132 kV)			
	b1) 132 kV 1250 A Centre Break Isolator with earthing blade	8	5.46	43.64
	b2) 132 kV 1250 A Centre Break Isolator without earthing blade	17	5.02	85.36
	c) Current Transformers (Rating 132 kV)			-
	c1) 132 kV, 300-150/1-1-1-1 Amps, Single phase outdoor type current transformers complete with terminal boxes, junction boxes and adopter plate (if required) for retrofitting on the existing galvanized mounting structures including suitable terminal connectors etc	9	2.75	24.75

	c2) 132 kV, 600-300/1-1-1-1 Amps, Single phase outdoor type current transformers complete with terminal boxes, junction boxes and adopter plate (if required) for retrofitting on the existing galvanized mounting structures including suitable terminal connectors etc	3	2.90	8.70
	c3) Terminal connector from existing CT to single HTLS Zebra conductor	66	0.10	6.27
	d) Potential Transformers / CVT (Rating 132/√3kV/110/√3V)	0	-	-
	d1) 132KV Single phase, Capacitive voltage transformers complete with protection fuses and galvanized mounting structures including suitable terminal connector etc.	12	1.85	22.22
	d2) Terminal connector from CVT to single HTLS Zebra conductor	66	0.10	6.27
	d3) Galvanized Structure for CVT with Hardware	6	0.12	0.72
	d4) 132KV Single phase, voltage transformers complete with protection fuses and adopter plate (if required) for retrofitting on the existing galvanized mounting structures including suitable terminal connector etc	9	2.45	22.07
	d5) Terminal connector from above VT to single HTLS Zebra conductor	9	0.10	0.86
	e) 120 kV 10 kA Polymer Lightning Arrestors			-
	e1) 120 kV LA in Switchyard (Nos.)	18	0.51	9.22
	e2) 120 kV LA in Transformer Yard (Nos.)	9	0.51	4.61
	e3) Terminal Connector for above LA suitable for Single HTLS Zebra	27	0.10	2.57
	e4) LA Surge Monitor with relay for potential free contact for counter	3	0.09	0.27
	f1) Polymer post insulator, Polymer Suspension & String insulators, Hardware, clamps, connectors, vibration dampers, spacers, all accessories etc. (1 lot for each 132 kV Bay)	9	4.50	40.50
	f2) Galvanized Structures for Post Insulators	3	0.12	0.36
	g) Wave Traps (Rating 132 kV, 1250 Amps)	8	1.46	11.64
	h) LMU for the above wave trap	8	2.10	16.82
2	.... kV GIS Bays (Not Aplicable)	0	0	-
3	.... kV XLPE Cable / GIB (Gas Insulated Busduct) (Cables already included in S-3)	0	0	-
4	..... Phase, ... MVAR, ... kV, ... Type Shunt Reactor (Not Applicable)	0	0	-
5	Bus Conductors, Hardwares and Isolators			

	Conductors IPS tubing, Post Insulators, Hardware and Other Sundy Equipment (For upgradation of Power Handling Capacity of Switch Yard)	1	50.00	50.00
6	Protection Panels for Bus, Line & Reactor (Bus & Line Protection included in S-2)	1	234.29	234.29
7	D. C. battery, Charger and Associated Equipment			
	Compact DCDB for Switchyard Kiosk Room	1	4.30	4.30
8	Fire Protection System	included in S-4	-	-
9	PLCC Equipment			
	Digital Carrier Terminal Equipment	12	8.12	97.48
	Digital Teleprotection Coupler	12	2.10	25.22
	HF Co-axial Cable (km)	2	1.05	2.11
10	Gantry, Foundation for Structures & miscellaneous civil works for other equipment like shield wire, insulators, lightning masts (Lot)	1	50.00	50.00
				-
11	Fencing & Security (Retained)	0	-	-
12	Sub-total (1 to 11)			906.10
13	Spares @ 3% on 12 (excluding 1, 8,9,10 & 11)			8.66
14	**Total**			**914.76**

ANNEXURE-E

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केंद्रीय विद्युत प्राधिकरण
Central Electricity Authority
जल विद्युत अभियांत्रिकीऔर प्रौद्योगिकी विकास प्रभाग
Hydro Engineering and Technology Development Division

No.13/2(NEEPCO-Khandong)/2022/HE&TD/CEA/ Date: .07.2023

Director Technical
North Eastern Electric Power Corporation Ltd
Brookland Compound
Lower New Colony
Shillong-793 003, Meghalaya, India

विषय - Renovation and Modernisation and Life Extension of Khandong Power Station (2x23 MW), NEEPCO- Vetting of cost estimated for Civil & HM works– Reg.

महोदय/ Sir,

Reference is invited to NEEPCO letter no. NEEPCO/GHY/D&E/T-53/2022-23/671 dated 27.01.2023 enclosing therewith Revised Cost Estimate for Civil & Hydro-Mechanical Works at June' 2022 PL for RM&LE of Khandong Stage-I (2X23 MW) Power Station on the above mentioned subject.

In this regard, it is to mention that the Revised Cost Estimate of Civil & Hydro-Mechanical Works as submitted by NEEPCO has been examined and the same has been vetted for an amount of ₹ 89.32 Crores at March' 2023 PL and are enclosed for kind information and further necessary action.

भवदीय /Yours faithfully,

संलग्न: यथोपरि

Signed by Shrey Kumar
Date: 14-07-2023 17:04:11
Reason: Approved

सेवा भवन, आर.के.पुरम-1,नई दिल्ली 110066,दूरभाष: 11-26732789 ईमेल:hetdcea@nic.in वेबसाइट www.cea.nic.in
SewaBhawan, R.K. Puram-1, New Delhi-110066,Telephone:011-26732789Email:hetdcea@nic.in website www.cea.nic.in

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
सिविल अभिकल्प प्रभाग
Civil Design Division

विषय : **Examination of Revised Cost Estimate (RCE) for Civil & Hydro-Mechanical Works for the Proposed Renovation, Modernization & Life Extension for Khandong Stage-I Power Station (2 X 23 MW), Assam – reg.**

संदर्भ : 1. HE&TD Division e-mail dated 02.02.2023.

2. This Division email dated 27.02.2023
3. Compliances of the discussions (held on 08.05.23 to 11.05.23) submitted by M/s NEEPCO Ltd vide email on 17.05.2023, 28.06.2023, 03.07.2023 and 07.07.2023.

महोदय,

Kind reference is invited to HE&TD Division email dated 02.02.2023 (under reference-1) vide which R&M proposal of (2X23 MW) Khandong Power station with the Civil & HM cost of the Project amounting to **Rs. 90.29 Crores at June 2022 PL** (Civil Works stands at INR 35.08 Crores and for HM Works at INR 55.21 Crores) was submitted in this Division for examination and clearance. This division vide email dated 27.02.2023 (under reference-2) asked the Project Authority to depute a suitable representative (*from Design and Cost Engineering*) in this Division for better clarification.

During the discussions held from 08.05.2023 to 11.05.2023 with the representative of the Project Authority, it was opined that the cost estimate has not been submitted as per the latest Price Level and therefore it is requested to revise the cost estimate at March 2023 PL. Further, it is requested to provide necessary document supporting the rates at latest Price level. In view of the discussions held with the representatives of the Project Authority the revised cost estimate was submitted by M/s NEEPCO limited in this Division vide email dated 17.05.2023 (under reference-3) for an amount of Rs, 93.65 Crores (Rs. 37.85 Crs Civil Works & Rs. 55.80 Crores for HM Works).

Further vide email dated 28.06.2023, 03.07.2023 and 07.07.2023 (under reference-3) subsequent supporting documents were provided for the cost estimate of amounting to Rs. 93.65 Crores. This Division has further examined the proposal of R&M cost of Civil & HM

works of the project and vetted it for an amount of **Rs. 89.32 Crores** at March 2023 PL **(Rs. 35.66 Crores for Civil works and the remaining Rs. 53.66 Crores for HM works)** with an escalation of **17.78%** (*from March 2021 to March 2023*). The followings notes pertaining to the same are forwarded.

a. The detailed cost breakup for civil and HM works is given below: -

Sl.No.	Description of Items	Revised cost Submitted by M/s NEEPCO Ltd., on 17.05.2023 after incorporating the suggestions of CD Division during the discussions held from 8th to 11th May 2023	Cost Vetted by CD Division, CEA (Amount in Rupees)
	CIVIL WORKS		
	ITEMS ALREADY INCLUDED IN THE DPR (CIVIL & HM COST VETTED BY CEA)		
A	Renovation/ Restoration of Khandong Power House Building	₹ 44,981,422.00	₹ 42,408,179.00
B	Repairing Works of Khandong Head Race Tunnel	₹ 53,927,353.00	₹ 53,927,353.00
C	Renovation of Tail Race Channel of Khandong Power Station	₹ 16,819,783.00	₹ 16,647,344.00
D	Civil Works For Replacement of Existing Penstock & Providing Steel In-Liners In The Penstock/Hpt Feeding Two Units	₹ 20,003,490.00	₹ 19,154,562.00
E	Renovation & Repair of Khandong Dam	₹ 61,427,262.00	₹ 60,259,070.00
	Revised total of Items already vetted by CEA	**₹ 197,159,310.00**	**₹ 192,396,508.00**
	ADDITIONAL ITEMS INCORPORATED IN THE REVISED COST ESTIMATE		
F	Additional Work Along The Penstock Alignment From Anchor Block -02 To Anchor Block -03	₹ 21,021,552.00	₹ 18,348,785.00
G	Additional Work For Re-Construction of The Valve House	₹ 19,501,392.00	₹ 21,245,709.14*
H	Additional Work For Re-Construction of The Y-Piece	₹ 102,087,275.00	₹ 88,819,540.00
I	Additional Works Related To Road Works	₹ 6,441,734.00	₹ 5,970,810.00
J	Miscellaneous Works	₹ 5,621,789.00	₹ 3,166,003.86
	Sub Total from (A to J)	**₹ 351,833,052.00**	**₹ 329,947,356.00**
K	Additional Works	₹ 26,698,606.00	₹ 26,698,606.00
	Total	**₹ 378,531,658.00**	**₹ 356,645,962.00**
	HYDRO MECHANICAL EQUIPMENTS OF KHANDONG STAGE-I		

I	**Gates**		
1	Intake Bulk Head Gate (1 Nos.)	₹ 2,380,174.46	₹ 2,380,174.46
2	Surge Shaft Gate (2 Nos)	₹ 1,061,853.96	₹ 1,061,853.96
3	Sluice Gate (2 Nos)	₹ 19,366,422.16	₹ 19,366,422.16
4	Draft Tube Gate (2 Nos.)	₹ 9,719,595.80	₹ 9,719,595.80
5	Instrumentation and control system	₹ 4,464,500.00	₹ 4,464,500.00
6	Design, manufacturer & supply at site of the spare parts as per list given in Part. Tech. Specifications	₹ 1,500,000.00	₹ 500,000.00
A	**Sub Total**	**₹ 38,492,546.38**	**₹ 37,492,546.38**
B	Additional Works	₹ 34,961,743.22	₹ 34,961,743.22
	Add GST @ 18 %	₹ 6,293,113.78	₹ 6,293,113.78
A+B	**Grand Total**	**₹ 79,747,403.39**	**₹ 78,747,403.39**
	Cost of already awarded works (inclusive of GST)	₹ 32,150,481.00	₹ 32,150,481.00
	Total Cost of HM Components (Inclusive of GST)	**₹ 111,897,884.39**	**₹ 110,897,884.39**
II	**Penstock**		
A	PENSTOCK (D/S OF Portal TO U/S OF AB-3 INCLUDING REDUCER BEYOND D-LINE)	₹ 189,862,601.00	₹ 180,898,755.00
B	STEEL IN-LINER (D/S OF AB -3 TO D-LINE & From Surge Shaft to Portal)	₹ 242,695,536.00	₹ 231,220,800.00
C	In-Situ Cladding of Bends with 5 mm thick stainless steel	₹ 13,556,268.94	₹ 13,556,268.94
	Total Revised Cost inclusive of GST	**₹ 446,114,405.94**	**₹ 425,675,823.94**
	Vetted cost by CEA	₹ 340,772,445.00	₹ 340,772,445.00
	Total Cost Civil and HM Works	**₹ 936,543,948.33**	**₹ 893,219,670.33**

Note: Under Miscellaneous the items which are used for Piling works are pertains to Valve House is amounting to **Rs. 24.03 Lakhs.** Therefore, the same amount has been shifted to "**ADDITIONAL WORK FOR RE-CONSTRUCTION OF THE VALVE HOUSE**".

i. After examination, this Division has firmed up the cost of Civil & HM works for an amount of **Rs. 89.32 Crores** at March 2023 PL (Rs. 35.66 Crores for Civil works and the remaining Rs. 53.66 Crores for HM works) with an escalation of 17.78 % (*from March 2021 to March 2023*) for both Civil works and HM works (Gates and Penstock)

respectively.

ii. The cost Estimate has been firmed up using Assam PWD Schedule of Rates (SoR) 2020-21, DSR 2021 and the awarded rate of Kopili HEP.

iii. The cost is inclusive of GST.

iv. Subsequent to the flooding incident occurred on March-2022 of Khandong system, **several additional items were included in the cost estimate** as per the recommendation of the expert committee during their Project visit on 2nd to 4th June'2022, which were earlier not included in the sanctioned Cost estimate.

v. The items which are provided as '**Lump sum quantity**' in the Civil works has been restricted to 70% in consultation with the Project Authorities.

vi. Under "**Additional Work for Re-Construction of the Y-Piece**" for the removal of Existing Steel Liners from Y-Piece, the qty submitted by M/s NEEPCO Ltd., was 85MT, However, during examination it was found that only 75 MT is the required qty and therefore the same has been restricted to 75MT.

vii. Under "**Miscellaneous**" – The items which are used for Piling works are pertains to Valve House is amounting to **Rs. 24.03 Lakhs**. Therefore, the same amount has been shifted to "ADDITIONAL WORK FOR RE-CONSTRUCTION OF THE VALVE HOUSE".

viii. In HM Works- Gates under the sub-head "**Design, manufacturer & supply at site of the spare parts as per list given in Part. Tech. Specifications**" the Lump sum cost has been restricted to **Rs. 5.00 Lakhs**.

ix. M/s NEEPCO Ltd being CPSU the Quantity of Civil & HM works has been cleared based on the certificate of correctness of quantities submitted by them vide their email dated 17.05.2023.

A copy of abstract of vetted cost of **Civil works** as **Annexure -1** and **HM works (Gates-Annexure-2 & Penstock- Annexure-3**) of the project is enclosed for favour of information and further necessary action.

This issues with approval of Chief Engineer (CD).

(अमित कुमार)
निदेशक

संलग्न –

i. Annexure-1: RCE of Civil Works pertaining to R&R of Khandong Power Station.
ii. Annexure-2: HM Works –Gates pertaining to R&R of Khandong Power Station.
iii. Annexure-3: HM Works –Penstock pertaining to R&R of Khandong Power Station.
iv. Annexure-4: Certificate of Correctness of Quantity submitted by M/s NEEPCO Ltd.,

निदेशक (एच.ई.टी. डी), के.वि.प्रा. दिनांक: 07.07.2023

COMM_NAME	COMM_CODE	COMM_WT	INDX042012	INDX052012	INDX012020	INDX022020	INDX032020	INDX122021	INDX012022	INDX022022	INDX042022	INDX052022	INDX062022	INDX072023	INDX082023	INDX092023	INDX122024	INDX012025
All commodities	1000000000	100.00000	104.7	105.3	123.4	122.2	120.4	143.3	143.8	145.3	152.3	155.0	155.4	152.1	152.5	151.8	155.4	154.7
I PRIMARY ARTICLES	1100000000	22.61756	107.1	107.5	147.2	142.8	137.4	168.4	167.5	167.5	174.5	178.5	181.5	191.7	190.3	183.6	193.8	189.9
(A). FOOD ARTICLES	1101000000	15.25585	106.2	106.7	160.5	154.7	151.2	176.7	172.0	170.4	175.3	178.4	182.5	205.9	202.8	189.1	207.4	199.9
a. FOOD GRAINS (CEREALS+PULSES)	1101010000	3.46238	104.8	106.0	165.0	163.4	159.8	165.1	165.5	165.9	171.2	171.7	170.7	187.3	190.1	194.2	213.8	213.2
h. Manufacture of optical instruments and photographic equipment	1316080000	0.00751	101.7	102.7	112.2	112.0	112.2	98.4	99.6	99.7	99.6	99.6	98.3	103.9	103.6	103.5	108.7	108.9
Microscope	1316080001	0.00450	100.0	100.0	110.7	110.7	110.7	118.5	120.3	120.3	120.3	120.3	118.1	125.7	125.7	125.7	134.6	134.6
Sunglasses	1316080002	0.00301	104.3	106.7	114.4	113.9	114.5	68.5	68.6	68.8	68.6	68.8	68.6	71.2	70.7	70.3	70.1	70.5
(Q). MANUFACTURE OF ELECTRICAL EQUIPMENT	**1317000000**	**2.92970**	**104.1**	**102.3**	**110.8**	**110.7**	**111.5**	**123.6**	**124.8**	**124.8**	**127.4**	**127.2**	**128.6**	**130.9**	**132.1**	**131.3**	**134.1**	**134.1**
a. Manufacture of electric motors, generators, transformers and ele	1317010000	1.29789	108.1	103.5	108.4	108.6	110.8	120.8	121.6	121.2	123.3	122.6	125.2	128.8	131.6	129.9	133.4	133.1
Generators & Alternators	1317010001	0.39020	104.4	101.4	118.0	118.0	118.0	127.9	130.2	131.2	135.0	134.5	137.1	137.3	140.2	140.5	142.4	140.8
Cooling tower	1317010002	0.00949	106.4	107.0	126.0	126.2	128.9	132.7	132.7	132.7	132.7	132.7	142.2	177.0	177.0	177.0	178.4	178.4
Rotor/magneto rotor assembly	1317010003	0.00680	101.1	101.0	104.1	112.8	114.2	138.9	137.0	139.5	149.7	148.1	142.3	130.6	130.3	131.7	126.1	126.8
Transformer	1317010004	0.55072	114.8	105.8	101.2	101.4	106.4	114.9	114.0	112.3	112.4	110.9	115.1	121.9	126.6	122.0	125.3	125.8
g. Manufacture of other electrical equipment	1317070000	0.20589	101.0	99.7	108.3	109.5	109.1	113.9	115.6	113.9	114.3	114.7	115.8	121.6	121.1	120.8	125.1	124.7
Electric welding machine	1317070001	0.06077	102.0	100.5	95.6	95.3	95.9	100.4	100.4	102.0	101.8	103.9	103.2	109.3	109.5	104.4	110.1	109.0
Motors & other DC equipment	1317070002	0.03353	99.1	100.3	120.0	120.0	120.0	117.4	120.7	121.3	117.4	119.7	119.7	130.7	130.7	130.7	133.9	133.9
Insulator	1317070003	0.11159	101.1	99.1	111.8	114.1	113.0	120.2	122.3	118.2	120.2	119.1	121.5	125.5	124.5	126.7	130.6	130.4
(R). MANUFACTURE OF MACHINERY AND EQUIPMENT	**1318000000**	**4.78899**	**102.2**	**102.3**	**113.2**	**113.2**	**113.3**	**121.1**	**121.6**	**122.0**	**124.3**	**124.9**	**125.1**	**128.6**	**128.5**	**129.2**	**130.6**	**131.0**
a. Manufacture of engines and turbines, except aircraft, vehicle and	1318010000	0.63840	100.4	100.9	104.8	105.3	105.0	121.4	119.4	121.4	125.4	127.7	126.9	126.9	127.9	129.3	132.5	133.3
Steam Turbines	1318010001	0.02536	95.6	95.6	79.3	79.3	79.3	85.7	85.7	85.7	82.0	82.0	82.0	77.1	77.1	77.1	83.0	83.0
Industrial valve	1318010002	0.61304	100.6	101.1	105.8	106.3	106.1	122.9	120.8	122.9	127.2	129.5	128.7	129.0	130.1	131.4	134.5	135.4
b. Manufacture of fluid power equipment	1318020000	0.16151	106.1	105.8	120.1	119.6	119.9	123.1	123.7	124.9	125.5	126.5	127.0	131.0	130.5	131.2	134.7	135.6
Injection pump	1318020001	0.04418	104.3	103.2	122.4	120.7	121.8	126.9	127.9	128.7	128.6	131.3	131.1	137.5	137.5	137.1	136.9	137.0
Hydraulic pump	1318020002	0.00026	104.4	104.6	117.1	114.1	114.4	121.9	121.5	120.2	123.2	123.7	124.4	131.9	131.7	132.8	133.9	134.2
Pneumatic tools	1318020003	0.04017	100.2	100.2	113.1	113.1	113.1	115.0	115.0	118.8	118.8	118.8	118.8	118.8	118.8	118.8	118.8	118.8
Water pump	1318020004	0.07690	110.2	110.2	122.5	122.5	122.5	125.2	125.9	126.0	127.3	127.9	129.0	133.6	132.7	134.2	141.8	143.6
c. Manufacture of other pumps, compressors, taps and valves	1318030000	0.55183	106.2	99.9	112.3	111.8	110.0	116.4	115.9	115.2	117.4	117.6	117.7	117.0	116.7	116.6	118.8	118.8
Centrifugal Pumps	1318030001	0.02796	103.9	103.8	115.1	115.1	115.1	125.8	126.3	127.5	133.3	133.8	134.2	137.4	137.7	136.4	141.6	142.5
Pump sets without motor	1318030002	0.25362	110.7	96.9	113.7	113.8	113.8	110.7	109.5	110.7	112.9	112.8	111.5	107.8	107.0	107.1	108.4	108.4
Air or vacuum pump	1318030003	0.17456	102.6	101.5	110.2	110.2	105.7	123.0	123.1	119.1	120.6	121.3	123.1	123.6	123.6	123.8	124.9	124.9
Air gas compressor including compressor for refrigerator	1318030004	0.05445	104.0	102.5	118.6	114.7	112.0	121.6	122.3	121.9	124.5	123.6	124.6	132.4	133.4	132.3	140.1	138.1
Gasket kit	1318030005	0.04124	97.9	105.8	102.5	100.0	99.5	110.6	109.4	109.9	110.8	112.7	112.3	111.0	110.7	110.1	112.7	115.7
d. Manufacture of bearings, gears, gearing and driving elements	1318040000	0.34015	102.4	102.5	111.2	107.9	112.6	119.5	120.6	119.9	121.1	120.5	121.3	125.8	126.7	127.1	129.0	129.7
Roller and ball bearings	1318040001	0.28071	102.7	102.8	111.7	107.8	113.5	118.8	120.0	119.1	120.4	119.1	120.2	125.0	126.0	126.4	128.4	129.3
Motor Starter	1318040002	0.04757	100.6	100.7	108.1	108.0	108.0	121.9	123.4	123.6	125.3	126.4	126.7	129.5	129.8	130.9	132.5	132.4
Clutches and shaft couplings	1318040003	0.01187	103.8	103.8	109.9	109.0	109.5	125.0	124.9	123.4	121.9	128.1	128.1	128.9	129.1	128.7	129.5	129.3
e. Manufacture of ovens, furnaces and furnace burners	1318050000	0.00837	114.9	111.6	80.9	81.0	81.0	73.0	74.8	76.9	78.5	78.1	78.5	85.8	84.0	82.3	86.9	87.4
Furnaces & Ovens	1318050001	0.00837	114.9	111.6	80.9	81.0	81.0	73.0	74.8	76.9	78.5	78.1	78.5	85.8	84.0	82.3	86.9	87.4
f. Manufacture of lifting and handling equipment	1318060000	0.28509	101.6	100.9	111.7	111.2	111.1	122.7	123.0	124.1	125.4	125.3	125.6	127.9	128.7	128.2	129.9	129.6
Cranes	1318060001	0.07620	108.3	100.8	114.7	114.3	114.3	135.0	134.7	136.0	137.1	135.1	140.0	140.7	141.6	141.6	141.3	141.3
Material handling, lifting and hoisting equipment	1318060002	0.04086	99.2	96.0	108.5	108.9	108.9	111.9	111.8	112.1	113.1	113.2	112.8	118.9	119.3	119.0	120.0	119.0
Hydraulic equipment	1318060003	0.16803	99.2	102.1	111.1	110.4	110.3	119.7	120.4	121.6	123.0	123.7	122.2	124.2	125.2	124.4	127.1	126.9
g. Manufacture of office machinery and equipment	1318070000	0.00582	103.1	103.1	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2
Reprographic machine and scanners	1318070001	0.00582	103.1	103.1	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2
h. Manufacture of other general-purpose machinery	1318080000	0.43675	107.0	107.9	127.8	128.5	128.4	130.6	133.5	135.5	143.6	144.9	142.6	147.4	145.4	146.7	142.7	142.0
Chillers	1318080001	0.00436	84.8	93.0	119.7	120.1	120.8	121.8	121.8	121.8	121.8	121.8	121.8	122.0	118.4	118.4	119.8	116.2
Air filters	1318080002	0.25613	108.8	115.3	135.7	135.7	135.7	128.4	133.6	136.7	149.0	150.3	146.3	154.3	149.8	152.5	145.3	146.5
Air conditioning plant	1318080003	0.00015	100.7	95.8	111.5	111.5	111.5	116.0	116.0	116.0	116.0	116.0	116.0	117.1	117.1	117.1	117.4	117.4
Filtration equipment	1318080004	0.13412	105.2	95.4	119.1	121.2	120.5	139.0	138.2	139.0	141.3	142.3	142.2	140.1	142.7	141.7	143.2	138.2
Conveyors - non-roller type	1318080005	0.00093	101.7	102.0	81.6	82.7	79.6	88.8	88.5	88.4	91.7	92.2	94.8	94.1	95.0	94.0	94.2	94.5
Oil pump	1318080006	0.00200	101.8	103.6	123.6	127.6	127.6	133.3	135.1	134.2	136.4	137.8	137.8	145.2	145.1	145.1	146.3	146.0
Deep freezers	1318080007	0.01599	104.0	104.0	94.9	95.0	94.7	99.8	100.1	100.4	99.2	102.5	104.3	108.9	108.0	109.0	109.0	111.4
Water purifier	1318080008	0.02307	104.1	104.6	117.2	117.0	120.6	131.6	131.3	130.9	135.5	136.4	136.7	148.1	145.6	144.6	140.8	141.5
i. Manufacture of agricultural and forestry machinery	1318090000	0.83265	103.1	103.7	121.1	121.4	121.5	130.5	131.9	132.1	133.5	133.8	135.0	141.8	141.2	142.2	145.8	146.7
Agricultural tractors	1318090001	0.52772	103.9	103.9	119.7	120.1	120.1	126.2	127.5	126.9	128.1	128.5	129.8	137.9	137.2	137.5	140.2	141.4
Harvesters	1318090002	0.00364	102.3	102.8	112.1	112.5	112.6	130.2	132.9	133.1	134.7	130.9	133.4	144.1	144.4	148.5	149.8	151.5
Agriculture implements	1318090003	0.26218	101.5	103.2	124.1	124.3	124.7	140.1	141.9	143.9	145.4	145.5	146.7	151.1	150.6	153.3	159.1	159.4
Threshers	1318090004	0.00071	108.5	109.5	128.9	129.6	129.2	140.2	140.5	140.7	141.1	139.3	138.6	147.1	147.1	147.3	149.0	149.0
Soil preparation & cultivation machinery (other than tractors)	1318090005	0.03840	104.2	104.2	120.1	120.1	120.1	123.5	123.5	123.5	127.4	127.4	127.4	131.5	131.5	131.5	131.3	131.3
j. Manufacture of metal-forming machinery and machine tools	1318100000	0.22363	100.9	101.3	108.2	109.7	109.6	114.6	114.6	116.5	118.1	118.6	118.7	122.3	122.3	122.9	123.1	123.1
Drilling Machine	1318100001	0.06894	101.2	101.2	128.3	128.4	128.4	124.7	123.9	125.9	131.2	131.3	131.4	139.0	139.0	140.8	144.4	144.4
Grinding or polishing machine	1318100002	0.02477	101.6	101.7	115.5	117.7	117.7	123.4	123.2	124.5	124.7	122.2	125.4	133.3	133.2	133.2	134.9	134.7
Lathes	1318100003	0.01044	103.2	104.6	116.4	117.5	117.4	120.8	120.8	120.8	121.0	123.0	123.0	125.3	125.3	125.3	126.5	126.6

Precision machinery equipment/Form tools	1318100004	0.11948	100.5	100.9	94.4	96.5	96.5	106.3	106.9	109.0	109.0	110.2	109.5	110.1	110.1	110.1	108.1	108.1
k. Manufacture of machinery for mining, quarrying and construction	1318110000	0.37079	103.9	104.1	75.7	75.0	74.8	78.5	79.4	79.4	80.3	83.6	84.5	89.1	88.4	89.6	90.0	91.0
Excavator	1318110001	0.06463	111.1	111.5	107.4	108.2	108.4	121.3	125.3	123.3	125.8	127.5	128.3	129.6	127.0	132.1	128.0	129.6
Dumper	1318110002	0.06785	107.7	107.5	93.9	89.6	88.2	88.8	89.2	89.2	90.5	90.6	91.4	99.1	97.3	99.4	102.7	103.4
Road roller	1318110003	0.00995	101.5	99.5	115.3	115.3	115.3	123.0	123.0	123.0	123.0	123.0	123.0	123.1	123.1	123.1	123.2	123.2
Loader	1318110004	0.00379	103.2	103.2	140.6	140.6	141.3	141.3	141.3	141.3	141.3	141.3	140.6	140.8	140.8	140.8	140.8	140.8
Mining, quarrying & metallurgical machinery/parts	1318110005	0.02454	104.9	104.6	103.9	103.7	104.2	110.2	110.2	110.7	113.2	113.0	113.9	119.2	120.0	120.2	122.9	122.9
Mixing machine	1318110006	0.00216	103.6	103.7	109.7	109.7	109.7	115.3	115.4	115.4	117.2	117.2	117.7	118.8	118.8	118.8	119.3	119.3
Concrete vibrator & mixture	1318110007	0.01692	100.4	100.5	103.6	103.7	103.8	111.3	111.4	112.8	112.7	116.0	117.0	119.3	120.5	120.0	122.2	123.5
Earth moving machinery	1318110008	0.18095	100.3	100.8	47.1	47.2	47.1	47.9	48.1	48.5	48.6	54.4	55.5	60.6	60.6	60.4	60.9	62.0
l. Manufacture of machinery for food, beverage and tobacco proces	1318120000	0.22793	94.4	94.7	126.3	128.6	130.1	131.0	130.7	131.2	131.0	129.6	129.1	124.4	124.4	124.5	126.2	126.9
Rice mill machinery	1318120001	0.03071	105.6	100.6	121.1	121.4	121.4	129.1	130.5	129.5	133.1	130.8	130.6	129.3	129.7	128.9	127.9	128.1
Pressure vessel and tank for fermentation & other food processing	1318120002	0.05469	85.8	85.8	146.1	154.6	160.6	130.1	128.1	128.6	125.7	124.8	125.2	112.8	111.9	111.6	106.5	109.2
Machinery used in the milling industry	1318120003	0.02217	100.4	100.4	84.3	84.3	84.3	84.6	84.7	87.5	87.4	87.4	87.4	90.1	90.1	92.8	105.0	105.6
Separator	1318120004	0.00246	99.6	97.6	106.0	105.6	105.2	112.8	112.8	113.4	113.6	116.1	119.5	119.1	119.0	119.6	122.0	122.0
Sugar Machinery	1318120005	0.11790	94.3	96.1	126.8	127.3	127.3	140.9	140.9	141.5	141.5	139.7	138.6	135.1	135.5	135.5	139.0	139.0
m. Manufacture of machinery for textile, apparel and leather produc	1318130000	0.19214	92.6	105.7	119.3	117.9	119.1	125.8	128.0	125.9	127.9	125.8	126.5	138.0	138.6	139.3	141.3	141.6
Open end spinning machinery	1318130001	0.13728	86.5	106.0	120.1	118.3	119.9	124.6	128.0	124.2	127.5	124.0	124.9	139.4	140.3	141.6	144.1	144.1
Sewing Machines	1318130002	0.01112	104.6	105.0	119.4	120.0	120.0	138.8	138.7	139.8	142.4	144.0	145.1	156.2	156.9	157.6	163.6	164.9
Roller mill (Raymond)	1318130003	0.00190	99.8	99.7	148.4	146.1	143.7	152.9	155.9	154.8	154.7	159.1	155.4	151.5	154.2	167.0	169.4	176.3
Printing machinery	1318130004	0.04184	109.1	105.3	115.1	114.7	114.9	125.0	124.2	126.7	124.4	125.6	125.6	127.7	127.4	125.9	125.1	125.6
n. Manufacture of other special-purpose machinery	1318140000	0.46834	101.0	101.2	125.9	126.9	125.7	136.2	136.4	136.1	136.6	137.2	138.4	144.3	144.1	144.5	144.1	143.9
Machinery for plastic products - extruded	1318140001	0.08373	106.7	102.6	101.6	101.5	101.5	108.2	108.7	112.4	112.4	112.7	113.3	115.5	115.9	115.9	115.7	115.7
Moulding Machine	1318140002	0.09108	102.3	105.9	149.4	149.4	148.7	158.1	159.6	159.6	159.6	161.1	161.1	171.9	170.4	170.4	169.2	169.2
Chemical equipment & system	1318140003	0.00731	104.0	100.4	140.7	140.7	140.7	140.6	142.2	142.1	128.0	128.5	138.1	129.3	129.3	129.0	128.5	128.5
Pharmaceutical Machinery	1318140004	0.19273	99.2	99.4	128.5	130.7	128.0	142.7	142.3	139.8	141.3	141.5	143.8	149.4	149.6	150.5	149.9	149.5
Packing machine	1318140005	0.01276	91.2	95.9	110.6	110.6	110.6	106.0	106.0	106.0	108.4	111.3	111.3	114.9	114.8	114.8	110.2	110.2
Evaporator	1318140006	0.08073	99.5	99.5	119.7	120.1	120.1	129.3	129.3	129.6	130.0	130.0	130.4	136.9	136.8	136.8	138.0	138.0
o. Manufacture of renewable electricity generating equipment	1318150000	0.04559	85.7	86.0	65.4	65.4	64.3	66.8	66.9	67.2	67.8	68.3	68.5	71.1	71.0	71.0	68.8	69.0
Solar power system (solar panel & attachable equipment)	1318150001	0.02582	72.6	73.0	42.7	42.7	40.7	45.0	45.2	45.8	46.7	47.6	47.9	50.2	50.0	49.9	45.6	46.0
Windmill turbines (2500KW)	1318150002	0.01977	102.8	103.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	98.5	98.5	98.5	99.0	99.0
(S). MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SE	1319000000	4.96853	98.4	100.6	116.0	115.6	115.6	124.1	125.3	125.6	126.1	127.5	127.8	128.5	128.3	128.0	129.8	130.1
a. Manufacture of motor vehicles	1319010000	2.60026	95.6	99.8	116.4	116.3	116.5	123.5	125.7	125.9	124.6	126.2	126.5	128.6	128.9	128.2	130.5	131.0
Light, medium & heavy commercial vehicles	1319010001	0.69584	102.0	102.0	114.2	114.2	114.2	116.1	116.1	116.1	116.7	117.0	116.9	116.8	116.8	116.8	116.2	116.2
Minibus/bus	1319010002	0.79295	101.8	105.2	123.1	122.9	124.4	137.2	140.4	140.8	141.2	141.8	143.4	141.5	142.8	141.1	144.7	145.0
Passenger vehicles	1319010003	0.86336	82.4	91.3	112.4	112.4	112.0	115.1	118.4	118.4	113.3	117.5	116.9	125.0	125.0	124.4	128.0	129.4
Chassis of different vehicle types	1319010004	0.15893	102.5	104.2	117.7	116.1	114.2	131.5	131.8	133.0	134.6	134.2	134.2	136.2	134.3	136.3	138.1	137.6
Body (for commercial motor vehicles)	1319010005	0.08918	104.3	108.8	111.0	110.5	110.9	126.6	130.5	129.4	129.8	128.1	129.4	125.5	126.2	126.2	126.8	126.7
b. Manufacture of parts and accessories for motor vehicles	1319020000	2.36827	101.6	101.6	115.5	114.8	114.7	124.7	124.8	125.2	127.8	129.1	129.2	128.4	127.7	127.6	129.1	129.0
Engine	1319020001	0.83798	100.9	102.4	116.5	116.5	116.5	122.6	122.6	122.8	126.5	127.4	127.4	122.1	119.7	119.7	123.1	122.9
Wheels/Wheels & parts	1319020002	0.14275	99.8	98.8	104.3	103.7	103.0	121.7	122.9	125.1	126.6	127.4	128.3	128.0	128.4	128.6	130.0	129.8
Shock absorbers	1319020003	0.10028	103.0	103.0	102.9	100.6	100.6	106.4	107.7	106.4	108.8	108.8	109.4	108.6	108.6	108.6	107.8	107.3
Shafts of all kinds	1319020004	0.07112	109.8	112.2	119.9	119.9	119.9	126.8	127.0	127.0	127.7	127.7	128.0	134.3	133.5	132.9	135.1	135.3
Axles of motor vehicles	1319020005	0.12553	104.2	105.1	112.7	113.1	113.3	126.4	129.3	128.0	130.6	137.8	140.8	145.2	145.3	145.0	143.8	143.8
Radiators & coolers	1319020006	0.06161	101.1	98.4	121.3	121.0	121.1	137.1	139.2	139.5	142.2	144.3	143.6	149.3	148.4	152.0	146.5	145.1
Piston ring/Piston and Compressor	1319020007	0.05103	100.1	100.2	131.2	131.1	130.2	138.3	140.2	141.2	139.5	143.2	142.3	148.4	147.6	148.1	149.2	149.9
Crankshaft	1319020008	0.02807	95.3	95.2	101.3	100.1	100.1	109.7	110.8	111.7	113.5	111.6	113.9	111.4	112.0	111.6	108.5	109.5
Silencer and Damper	1319020009	0.07898	96.1	92.8	109.1	109.0	109.0	123.4	123.9	126.4	128.4	128.5	128.2	127.9	128.7	127.7	120.8	120.8
Brake pad/brake liner/brake block/Brake rubber, others	1319020010	0.10145	96.4	89.8	123.8	119.7	118.8	129.1	130.4	131.1	135.2	140.6	137.0	137.3	136.3	136.4	132.6	133.3
Head lamp	1319020011	0.03681	98.9	101.4	128.0	129.3	129.9	146.6	147.1	148.7	144.5	147.4	151.0	153.7	153.4	153.4	154.9	155.2
Gear box and parts	1319020012	0.31546	100.5	97.4	107.8	107.8	107.2	112.8	113.3	113.8	115.6	116.3	116.8	121.7	122.5	122.2	125.9	126.0
Steering gear control system	1319020013	0.08627	98.8	96.9	109.0	109.0	109.0	122.9	126.3	126.9	128.7	128.7	129.1	131.8	131.8	131.8	131.5	131.5
Cylinder liners	1319020014	0.08823	107.1	105.5	109.0	107.7	108.3	114.2	99.6	102.5	105.3	105.9	106.4	112.5	113.4	111.5	112.1	112.0
Chain	1319020015	0.02190	103.6	105.3	109.8	110.4	110.5	128.4	129.4	129.8	133.2	135.6	136.2	142.8	142.5	144.4	146.4	144.3
Release valve	1319020016	0.00101	119.4	92.8	120.1	120.2	120.2	130.7	130.6	132.8	135.5	135.5	135.5	137.4	137.4	137.6	139.3	139.3
Filter element	1319020017	0.05030	93.7	104.4	98.4	98.1	98.2	110.5	111.3	109.5	110.9	110.1	109.3	104.8	105.0	105.6	108.3	108.0
Seat for motor vehicles	1319020018	0.15245	110.7	113.4	142.9	138.3	138.3	164.7	164.7	164.7	167.5	167.5	165.8	157.9	157.9	157.9	160.1	159.9
Ignition device	1319020019	0.01704	107.8	104.9	158.6	158.6	158.6	168.7	168.8	168.8	171.5	171.6	171.5	175.4	175.4	176.0	181.5	181.5

(T). MANUFACTURE OF OTHER TRANSPORT EQUIPMENT	1320000000	1.64777	98.8	100.7	118.7	120.5	120.5	133.1	133.4	133.7	134.5	135.3	135.5	142.4	142.8	144.6	145.8	145.7
a. Building of ships and floating structures	1320010000	0.11734	99.9	100.0	158.8	158.8	158.8	158.9	158.9	158.9	159.1	159.1	159.1	163.7	163.7	163.7	177.9	188.4
Fishing vessels, trawlers	1320010001	0.11340	100.0	100.0	160.7	160.7	160.7	160.7	160.7	160.7	160.7	160.7	160.7	165.3	165.3	165.3	180.0	190.9
Propellers & Blades of Boats/Ships	1320010002	0.00394	98.1	98.6	105.4	105.6	103.9	109.0	109.0	109.3	113.8	113.8	113.8	117.1	117.8	117.6	117.8	117.4
b. Manufacture of railway locomotives and rolling stock	1320020000	0.10979	95.5	95.5	107.0	105.8	105.2	103.8	105.3	103.7	103.7	103.8	104.0	105.9	106.4	106.6	108.4	108.4
Wagons	1320020001	0.06331	96.0	96.0	95.3	94.8	93.9	91.5	94.1	91.3	91.3	91.5	91.8	98.1	98.8	99.3	100.4	100.4
EMU coaches	1320020002	0.02715	100.0	100.0	111.3	111.3	111.3	111.3	111.3	111.3	111.3	111.3	111.3	108.7	108.7	108.7	113.3	113.1
Diesel/Electric locomotive	1320020003	0.01891	87.1	87.1	140.4	134.7	134.7	134.7	134.7	134.7	134.7	134.7	134.7	128.6	128.6	128.6	128.6	128.6
Railway brake gear	1320020004	0.00042	101.9	101.8	92.6	92.6	92.6	94.8	95.5	94.8	86.4	86.4	86.6	89.0	89.3	89.2	87.8	88.6
c. Manufacture of motor cycles	1320030000	1.30205	98.4	100.9	115.2	117.6	117.6	132.8	133.1	133.6	134.4	135.3	135.6	143.9	144.4	146.6	147.0	146.0
Motor cycles	1320030001	1.16610	98.0	100.7	115.9	118.4	118.6	134.3	134.7	135.4	136.0	136.8	137.0	146.0	146.5	149.0	149.1	148.0
Scooters	1320030002	0.12322	101.3	102.5	105.9	107.4	105.5	115.9	114.8	114.6	117.0	118.4	119.1	122.4	122.3	122.6	125.1	125.2
Auto rickshaw/Tempo/Matador/Three wheelers	1320030003	0.01273	105.7	105.7	137.1	137.1	141.4	155.3	157.6	157.6	158.6	160.2	160.2	161.1	161.1	161.1	164.4	164.4
d. Manufacture of bicycles and invalid carriages	1320040000	0.11700	104.7	104.8	128.2	128.3	128.2	138.0	138.2	137.9	139.4	139.9	139.9	138.6	138.5	138.1	135.1	134.4
Bicycles of all types	1320040001	0.11700	104.7	104.8	128.2	128.3	128.2	138.0	138.2	137.9	139.4	139.9	139.9	138.6	138.5	138.1	135.1	134.4
e. Manufacture of other transport equipment	1320050000	0.00159	107.4	108.0	127.4	127.5	127.4	137.4	138.6	139.5	145.5	146.5	147.7	155.3	157.5	159.8	163.7	165.7
Tanker	1320050001	0.00159	107.4	108.0	127.4	127.5	127.4	137.4	138.6	139.5	145.5	146.5	147.7	155.3	157.5	159.8	163.7	165.7
(U). MANUFACTURE OF FURNITURE	1321000000	0.72672	103.9	102.9	132.9	131.3	132.0	154.3	153.3	154.7	155.2	155.9	157.0	159.9	160.1	160.1	161.3	161.8
a. Manufacture of furniture	1321010000	0.72672	103.9	102.9	132.9	131.3	132.0	154.3	153.3	154.7	155.2	155.9	157.0	159.9	160.1	160.1	161.3	161.8
Wooden furniture	1321010001	0.18979	102.4	97.6	118.0	116.8	115.6	126.0	126.9	129.0	130.0	131.6	131.1	137.0	136.1	136.4	139.7	140.4
Plastic fixtures	1321010002	0.09781	107.0	106.9	113.3	113.9	113.9	131.0	128.9	127.6	133.2	131.3	130.2	123.9	123.9	123.9	123.7	123.3
Steel shutter gate	1321010003	0.06840	104.8	105.8	173.3	172.2	173.3	230.9	228.6	228.0	239.5	242.3	242.9	237.4	237.4	237.0	234.1	236.2
Iron/Steel Furniture	1321010004	0.26311	102.2	102.4	120.0	119.7	119.4	139.0	139.6	141.8	134.0	134.8	135.5	137.4	137.6	137.6	134.8	134.7
Hospital furniture	1321010005	0.00087	98.4	108.1	120.9	121.4	113.4	116.7	126.5	121.8	122.6	128.9	136.3	129.3	129.3	127.5	139.3	138.8
Foam and rubber mattress	1321010006	0.10674	107.6	108.1	183.6	175.4	182.7	214.8	208.3	210.0	218.7	218.4	225.9	239.6	242.0	242.0	253.0	254.7
(V). OTHER MANUFACTURING	1322000000	1.06417	92.9	90.1	113.9	117.0	119.8	136.7	138.3	140.5	147.5	144.1	139.6	151.3	154.7	154.8	183.1	186.9
a. Manufacture of jewellery and related articles	1322010000	0.99638	91.5	88.6	111.1	114.4	117.3	134.8	136.5	138.9	146.0	142.3	137.7	150.5	154.1	154.3	184.6	188.8
Gold & gold ornaments	1322010001	0.96561	91.2	88.2	111.9	115.4	118.5	135.5	137.2	139.7	146.7	143.3	138.5	151.0	154.9	155.0	185.3	189.5
Silver	1322010002	0.03077	102.4	98.6	83.9	84.0	79.1	112.8	114.0	116.4	122.2	113.5	111.8	133.5	131.7	131.4	161.4	167.3
b. Manufacture of musical instruments	1322020000	0.00124	108.8	101.6	177.2	175.1	174.5	195.7	195.0	185.1	184.4	186.8	175.4	193.1	179.0	180.3	200.6	197.2
Stringed musical instruments (incl. Santoor, Guitars, etc.)	1322020001	0.00124	108.8	101.6	177.2	175.1	174.5	195.7	195.0	185.1	184.4	186.8	175.4	193.1	179.0	180.3	200.6	197.2
c. Manufacture of sports goods	1322030000	0.01238	106.0	106.8	131.7	131.3	131.0	142.5	143.8	144.3	146.6	147.5	147.8	155.3	155.4	155.9	167.9	167.7
Sports goods of rubber (incl. balls)	1322030001	0.00367	105.2	109.2	119.3	119.3	118.3	127.7	128.8	127.5	130.1	133.0	133.4	136.0	137.5	137.2	151.9	150.9
Cricket ball	1322030002	0.00023	107.9	107.9	171.0	170.0	167.0	205.1	208.2	208.9	209.6	210.8	203.5	213.4	211.9	220.2	219.7	224.1
Cricket Bat	1322030003	0.00206	109.3	106.2	142.3	142.0	142.4	154.5	158.4	159.1	160.4	161.1	161.1	177.2	177.2	178.2	213.6	213.6
Football	1322030004	0.00562	105.4	105.7	132.4	131.5	131.5	144.2	144.8	146.3	149.3	149.9	150.5	158.9	158.1	158.8	165.0	164.8
Table Tennis Table	1322030005	0.00080	105.0	105.0	145.6	145.6	145.6	149.4	150.0	150.0	150.0	144.3	144.3	145.7	145.7	145.7	129.7	129.7
d. Manufacture of games and toys	1322040000	0.00476	104.6	104.8	134.6	135.5	137.6	151.1	152.7	152.4	158.6	156.7	160.1	159.6	160.4	159.9	163.5	164.4
Playing Cards	1322040001	0.00207	101.7	102.5	127.3	129.3	133.2	151.3	155.0	154.9	166.1	159.1	166.2	161.7	163.4	161.9	164.5	166.6
Carrom board	1322040002	0.00045	107.4	107.5	141.6	141.6	141.6	175.4	175.4	175.4	175.4	179.3	180.3	186.3	186.3	187.2	205.9	205.9
Plastic moulded-others toys	1322040003	0.00210	106.7	106.3	136.4	136.6	137.6	142.4	142.3	141.8	144.7	146.3	146.3	148.6	148.6	148.7	149.0	148.9
Non Mechanical Toys	1322040004	0.00014	107.0	107.0	191.6	189.9	190.7	202.4	202.6	202.9	203.7	203.8	211.5	208.5	210.0	211.5	229.7	229.7
e. Manufacture of medical and dental instruments and supplies	1322050000	0.04941	115.0	115.0	162.9	163.2	163.2	171.1	170.8	169.6	176.4	175.7	173.5	164.5	164.5	162.7	158.6	156.5
Intraocular Lens	1322050001	0.04941	115.0	115.0	162.9	163.2	163.2	171.1	170.8	169.6	176.4	175.7	173.5	164.5	164.5	162.7	158.6	156.5
IV FOOD INDEX	2000000000	24.37758	105.9	106.5	152.2	148.1	145.7	169.2	166.3	166.7	173.3	175.6	177.4	188.7	187.1	178.4	195.9	191.4

Colour Code

As per RBI Bulletin	
As per Labour Bureau	
As computed using linking factor	
As computed by Interpolation	

All India Consumer Price Index for Industrial Workers (AICPI-IW)

	Base year - 1982	Base year - 2001	Base year - 2016
	Linking Factor=4.63	Linking Factor=2.88	
Dec-81	100.00		
Jan-82	101.38		
Feb-82	102.76		
Mar-82	104.14		
Apr-82	105.52		
May-82	106.91		
Jun-82	108.29		
Jul-82	109.67		
Aug-82	111.05		
Sep-82	112.43		
Oct-82	113.81		
Nov-82	115.19		
Dec-82	116.57		
Jan-83	117.96		
Feb-83	119.34		
Mar-83	120.72		
Apr-83	122.10		
May-83	123.48		
Jun-83	124.86		
Jul-83	126.24		
Aug-83	127.62		
Sep-83	129.01		

Oct-83	130.39		
Nov-83	131.77		
Dec-83	133.15		
Jan-84	134.53		
Feb-84	135.91		
Mar-84	137.29		
Apr-84	138.67		
May-84	140.06		
Jun-84	141.44		
Jul-84	142.82		
Aug-84	144.20		
Sep-84	145.58		
Oct-84	146.96		
Nov-84	148.34		
Dec-84	149.72		
Jan-85	151.10		
Feb-85	152.49		
Mar-85	153.87		
Apr-85	155.25		
May-85	156.63		
Jun-85	158.01		
Jul-85	159.39		
Aug-85	160.77		
Sep-85	162.15		
Oct-85	163.54		
Nov-85	164.92		
Dec-85	166.30		
Jan-86	167.68		
Feb-86	169.06		
Mar-86	170.44		
Apr-86	171.82		
May-86	173.20		
Jun-86	174.59		
Jul-86	175.97		

Aug-86	177.35		
Sep-86	178.73		
Oct-86	180.11		
Nov-86	181.49		
Dec-86	182.87		
Jan-87	184.25		
Feb-87	185.64		
Mar-87	187.02		
Apr-87	188.40		
May-87	189.78		
Jun-87	191.16		
Jul-87	192.54		
Aug-87	193.92		
Sep-87	195.30		
Oct-87	196.69		
Nov-87	198.07		
Dec-87	199.45		
Jan-88	200.83		
Feb-88	202.21		
Mar-88	203.59		
Apr-88	204.97		
May-88	206.35		
Jun-88	207.73		
Jul-88	209.12		
Aug-88	210.50		
Sep-88	211.88		
Oct-88	213.26		
Nov-88	214.64		
Dec-88	216.02		
Jan-89	217.40		
Feb-89	218.78		
Mar-89	220.17		
Apr-89	221.55		
May-89	222.93		

Jun-89	224.31		
Jul-89	225.69		
Aug-89	227.07		
Sep-89	228.45		
Oct-89	229.83		
Nov-89	231.22		
Dec-89	232.60		
Jan-90	233.98		
Feb-90	235.36		
Mar-90	236.74		
Apr-90	238.12		
May-90	239.50		
Jun-90	240.88		
Jul-90	242.27		
Aug-90	243.65		
Sep-90	245.03		
Oct-90	246.41		
Nov-90	247.79		
Dec-90	249.17		
Jan-91	250.55		
Feb-91	251.93		
Mar-91	253.31		
Apr-91	254.70		
May-91	256.08		
Jun-91	257.46		
Jul-91	258.84		
Aug-91	260.22		
Sep-91	261.60		
Oct-91	262.98		
Nov-91	264.36		
Dec-91	265.75		
Jan-92	267.13		
Feb-92	268.51		
Mar-92	269.89		

Apr-92	271.27		
May-92	272.65		
Jun-92	274.03		
Jul-92	275.41		
Aug-92	276.80		
Sep-92	278.18		
Oct-92	279.56		
Nov-92	280.94		
Dec-92	282.32		
Jan-93	283.70		
Feb-93	285.08		
Mar-93	286.46		
Apr-93	287.85		
May-93	289.23		
Jun-93	290.61		
Jul-93	291.99		
Aug-93	293.37		
Sep-93	294.75		
Oct-93	296.13		
Nov-93	297.51		
Dec-93	298.90		
Jan-94	300.28		
Feb-94	301.66		
Mar-94	303.04		
Apr-94	304.42		
May-94	305.80		
Jun-94	307.18		
Jul-94	308.56		
Aug-94	309.94		
Sep-94	311.33		
Oct-94	312.71		
Nov-94	314.09		
Dec-94	315.47		
Jan-95	316.85		

Feb-95	318.23		
Mar-95	319.61		
Apr-95	320.99		
May-95	322.38		
Jun-95	323.76		
Jul-95	325.14		
Aug-95	326.52		
Sep-95	327.90		
Oct-95	329.28		
Nov-95	330.66		
Dec-95	332.04		
Jan-96	333.43		
Feb-96	334.81		
Mar-96	336.19		
Apr-96	337.57		
May-96	338.95		
Jun-96	340.33		
Jul-96	341.71		
Aug-96	343.09		
Sep-96	344.48		
Oct-96	345.86		
Nov-96	347.24		
Dec-96	348.62		
Jan-97	350.00		
Feb-97	350.00		
Mar-97	351.00		
Apr-97	354.00		
May-97	352.00		
Jun-97	355.00		
Jul-97	358.00		
Aug-97	359.00		
Sep-97	361.00		
Oct-97	365.00		
Nov-97	366.00		

Dec-97	372.00		
Jan-98	384.00		
Feb-98	382.00		
Mar-98	380.00		
Apr-98	383.00		
May-98	389.00		
Jun-98	399.00		
Jul-98	411.00		
Aug-98	413.00		
Sep-98	420.00		
Oct-98	433.00		
Nov-98	438.00		
Dec-98	429.00		
Jan-99	420.00		
Feb-99	415.00		
Mar-99	414.00		
Apr-99	415.00		
May-99	419.00		
Jun-99	420.00		
Jul-99	424.00		
Aug-99	426.00		
Sep-99	429.00		
Oct-99	437.00		
Nov-99	438.00		
Dec-99	431.00		
Jan-00	431.00		
Feb-00	430.00		
Mar-00	434.00		
Apr-00	438.00		
May-00	440.00		
Jun-00	442.00		
Jul-00	445.00		
Aug-00	443.00		
Sep-00	444.00		

Oct-00	449.00		
Nov-00	450.00		
Dec-00	446.00		
Jan-01	445.00		
Feb-01	443.00		
Mar-01	445.00		
Apr-01	448.00		
May-01	451.00		
Jun-01	457.00		
Jul-01	463.00		
Aug-01	466.00		
Sep-01	465.00		
Oct-01	468.00		
Nov-01	472.00		
Dec-01	469.00		
Jan-02	467.00		
Feb-02	466.00		
Mar-02	468.00		
Apr-02	469.00		
May-02	472.00		
Jun-02	476.00		
Jul-02	481.00		
Aug-02	484.00		
Sep-02	485.00		
Oct-02	487.00		
Nov-02	489.00		
Dec-02	484.00		
Jan-03	483.00		
Feb-03	484.00		
Mar-03	487.00		
Apr-03	493.00		
May-03	494.00		
Jun-03	497.00		
Jul-03	501.00		

Aug-03	499.00		
Sep-03	499.00		
Oct-03	503.00		
Nov-03	504.00		
Dec-03	502.00		
Jan-04	504.00		
Feb-04	504.00		
Mar-04	504.00		
Apr-04	504.00		
May-04	508.00		
Jun-04	512.00		
Jul-04	517.00		
Aug-04	522.00		
Sep-04	523.00		
Oct-04	526.00		
Nov-04	525.00		
Dec-04	521.00		
Jan-05	526.00		
Feb-05	525.00		
Mar-05	525.00		
Apr-05	529.00		
May-05	527.00		
Jun-05	529.00		
Jul-05	538.00		
Aug-05	540.00		
Sep-05	542.00		
Oct-05	548.00		
Nov-05	553.00		
Dec-05	550.00		
Jan-06	550.97	119.00	
Feb-06	550.97	119.00	
Mar-06	550.97	119.00	
Apr-06	555.60	120.00	
May-06	560.23	121.00	

Jun-06	569.49	123.00	
Jul-06	574.12	124.00	
Aug-06	574.12	124.00	
Sep-06	578.75	125.00	
Oct-06	588.01	127.00	
Nov-06	588.01	127.00	
Dec-06	588.01	127.00	
Jan-07	588.01	127.00	
Feb-07	592.64	128.00	
Mar-07	588.01	127.00	
Apr-07	592.64	128.00	
May-07	597.27	129.00	
Jun-07	601.90	130.00	
Jul-07	611.16	132.00	
Aug-07	615.79	133.00	
Sep-07	615.79	133.00	
Oct-07	620.42	134.00	
Nov-07	620.42	134.00	
Dec-07	620.42	134.00	
Jan-08	620.42	134.00	
Feb-08	625.05	135.00	
Mar-08	634.31	137.00	
Apr-08	638.94	138.00	
May-08	643.57	139.00	
Jun-08	648.20	140.00	
Jul-08	662.09	143.00	
Aug-08	671.35	145.00	
Sep-08	675.98	146.00	
Oct-08	685.24	148.00	
Nov-08	685.24	148.00	
Dec-08	680.61	147.00	
Jan-09	685.24	148.00	
Feb-09	685.24	148.00	
Mar-09	685.24	148.00	

Apr-09	694.50	150.00	
May-09	699.13	151.00	
Jun-09	708.39	153.00	
Jul-09	740.80	160.00	
Aug-09	750.06	162.00	
Sep-09	754.69	163.00	
Oct-09	763.95	165.00	
Nov-09	777.84	168.00	
Dec-09	782.47	169.00	
Jan-10	796.36	172.00	
Feb-10	787.10	170.00	
Mar-10	787.10	170.00	
Apr-10	787.10	170.00	
May-10	796.36	172.00	
Jun-10	805.62	174.00	
Jul-10	824.14	178.00	
Aug-10	824.14	178.00	
Sep-10	828.77	179.00	
Oct-10	838.03	181.00	
Nov-10	842.66	182.00	
Dec-10	856.55	185.00	
Jan-11	870.44	188.00	
Feb-11	856.55	185.00	
Mar-11	856.55	185.00	
Apr-11	861.18	186.00	
May-11	865.81	187.00	
Jun-11	875.07	189.00	
Jul-11	893.59	193.00	
Aug-11	898.22	194.00	
Sep-11	912.11	197.00	
Oct-11	916.74	198.00	
Nov-11	921.37	199.00	
Dec-11	912.11	197.00	
Jan-12	916.74	198.00	

Feb-12	921.37	199.00	
Mar-12	930.63	201.00	
Apr-12	949.15	205.00	
May-12	953.78	206.00	
Jun-12	963.04	208.00	
Jul-12	981.56	212.00	
Aug-12	990.82	214.00	
Sep-12	995.45	215.00	
Oct-12	1,004.71	217.00	
Nov-12	1,009.34	218.00	
Dec-12	1,013.97	219.00	
Jan-13	1,023.23	221.00	
Feb-13	1,032.49	223.00	
Mar-13	1,037.12	224.00	
Apr-13	1,046.38	226.00	
May-13	1,055.64	228.00	
Jun-13	1,069.53	231.00	
Jul-13	1,088.05	235.00	
Aug-13	1,097.31	237.00	
Sep-13	1,101.94	238.00	
Oct-13	1,115.83	241.00	
Nov-13	1,125.09	243.00	
Dec-13	1,106.57	239.00	
Jan-14	1,097.31	237.00	
Feb-14	1,101.94	238.00	
Mar-14	1,106.57	239.00	
Apr-14	1,120.46	242.00	
May-14	1,129.72	244.00	
Jun-14	1,138.98	246.00	
Jul-14	1,166.76	252.00	
Aug-14	1,171.39	253.00	
Sep-14	1,171.39	253.00	
Oct-14	1,171.39	253.00	
Nov-14	1,171.39	253.00	

Dec-14	1,171.39	253.00	
Jan-15	1,176.02	254.00	
Feb-15	1,171.39	253.00	
Mar-15	1,176.02	254.00	
Apr-15	1,185.28	256.00	
May-15	1,194.54	258.00	
Jun-15	1,208.43	261.00	
Jul-15	1,217.69	263.00	
Aug-15	1,222.32	264.00	
Sep-15	1,231.58	266.00	
Oct-15	1,245.47	269.00	
Nov-15	1,250.10	270.00	
Dec-15	1,245.47	269.00	
Jan-16	1,245.47	269.00	
Feb-16	1,236.21	267.00	
Mar-16	1,240.84	268.00	
Apr-16	1,254.73	271.00	
May-16	1,273.25	275.00	
Jun-16	1,282.51	277.00	
Jul-16	1,296.40	280.00	
Aug-16	1,287.14	278.00	
Sep-16	1,282.51	277.00	
Oct-16	1,287.14	278.00	
Nov-16	1,282.51	277.00	
Dec-16	1,273.25	275.00	
Jan-17	1,268.62	274.00	
Feb-17	1,268.62	274.00	
Mar-17	1,273.25	275.00	
Apr-17	1,282.51	277.00	
May-17	1,287.14	278.00	
Jun-17	1,296.40	280.00	
Jul-17	1,319.55	285.00	
Aug-17	1,319.55	285.00	
Sep-17	1,319.55	285.00	

Oct-17	1,328.81	287.00	
Nov-17	1,333.44	288.00	
Dec-17	1,324.18	286.00	
Jan-18	1,333.44	288.00	
Feb-18	1,328.81	287.00	
Mar-18	1,328.81	287.00	
Apr-18	1,333.44	288.00	
May-18	1,338.07	289.00	
Jun-18	1,347.33	291.00	
Jul-18	1,393.63	301.00	
Aug-18	1,393.63	301.00	
Sep-18	1,393.63	301.00	
Oct-18	1,398.26	302.00	
Nov-18	1,398.26	302.00	
Dec-18	1,393.63	301.00	
Jan-19	1,421.41	307.00	
Feb-19	1,421.41	307.00	
Mar-19	1,430.67	309.00	
Apr-19	1,444.56	312.00	
May-19	1,453.82	314.00	
Jun-19	1,463.08	316.00	
Jul-19	1,476.97	319.00	
Aug-19	1,481.60	320.00	
Sep-19	1,490.86	322.00	
Oct-19	1,504.75	325.00	
Nov-19	1,518.64	328.00	
Dec-19	1,527.90	330.00	
Jan-20	1,527.90	330.00	
Feb-20	1,518.64	**328.00**	
Mar-20	1,509.38	326.00	
Apr-20	1,523.27	329.00	
May-20	1,527.90	330.00	
Jun-20	1,537.16	332.00	
Jul-20	1,555.68	336.00	

Aug-20	1,564.94	338.00	
Sep-20	1,574.79	340.13	118.10
Oct-20	1,593.46	344.16	119.50
Nov-20	1,598.79	345.31	119.90
Dec-20	1,584.13	342.14	118.80
Jan-21	1,576.13	340.42	118.20
Feb-21	1,586.79	342.72	119.00
Mar-21	1,594.79	344.45	119.60
Apr-21	1,601.46	345.89	120.10
May-21	1,608.13	347.33	120.60
Jun-21	1,622.80	350.50	121.70
Jul-21	1,637.46	353.66	122.80
Aug-21	1,640.13	354.24	123.00
Sep-21	1,644.13	355.10	123.30
Oct-21	1,665.47	359.71	124.90
Nov-21	1,676.13	362.02	125.70
Dec-21	1,672.13	361.15	125.40
Jan-22	1,668.13	**360.29**	125.10
Feb-22	1,666.80	360.00	125.00
Mar-22	1,680.13	362.88	126.00
Apr-22	1,702.80	367.78	127.70
May-22	1,720.14	371.52	129.00
Jun-22	1,722.80	372.10	129.20
Jul-22	1,732.14	374.11	129.90
Aug-22	1,736.14	374.98	130.20
Sep-22	1,750.81	378.14	131.30
Oct-22	1,766.81	381.60	132.50
Nov-22	1,766.81	381.60	132.50
Dec-22	1,764.14	381.02	132.30
Jan-23	1,770.81	382.46	132.80
Feb-23	1,769.47	382.18	132.70
Mar-23	1,777.48	383.90	133.30
Apr-23	1,789.48	386.50	134.20
May-23	1,796.14	387.94	134.70

Jun-23	1,818.81	392.83	136.40
Jul-23	1,862.82	402.34	139.70
Aug-23	1,856.15	**400.90**	139.20
Sep-23	1,833.48	396.00	137.50
Oct-23	1,845.48	398.59	138.40
Nov-23	1,854.82	400.61	139.10
Dec-23	1,850.81	399.74	138.80
Jan-24	1,852.15	400.03	138.90
Feb-24	1,852.15	400.03	138.90
Mar-24	1,852.15	400.03	138.90
Apr-24	1,858.82	**401.47**	139.40
May-24	-	-	

COMM_NAME	INDEX2015	INDEX2016	INDEX2017	INDEX2018	INDEX2019	INDEX2020	INDEX2021	INDEX2022	INDEX2023
All commodities	110.3	110.3	114.1	118.9	121.2	121.8	135.0	151.3	151.3
I PRIMARY ARTICLES	123.9	127.9	130.2	132.9	141.2	144.7	155.1	175.4	181.1
(A). FOOD ARTICLES	133.7	139.7	142.8	142.3	152.9	160.4	163.8	177.8	188.2
a. FOOD GRAINS (CEREALS+PULSES)	134.2	149.8	145.0	143.5	157.2	160.6	161.2	174.0	189.8
a1. CEREALS	129.9	139.9	143.6	147.8	160.3	160.6	158.2	173.6	188.6
Paddy	134.1	141.0	148.0	154.1	159.3	163.4	162.1	167.5	181.9
Wheat	126.4	138.7	140.5	145.6	156.6	157.0	155.7	177.8	192.1
Jowar	114.3	120.1	127.5	122.9	156.0	158.6	143.6	165.5	219.6
Bajra	128.6	153.3	144.8	138.3	189.5	173.0	157.4	204.5	229.1
Maize	121.7	137.0	129.2	123.3	172.6	151.3	145.4	179.8	187.4
Barley	127.7	150.1	145.3	144.6	168.1	162.4	160.0	222.0	204.8
Electro-diagnostic apparatus, used in medical,	102.7	102.6	100.9	100.9	101.8	102.4	101.7	105.1	104.3
X-ray equipment	120.3	120.2	119.1	114.0	113.4	112.6	127.2	133.1	136.1
h. Manufacture of optical instruments and ph	101.0	97.1	103.8	109.9	109.0	106.9	97.2	100.3	102.7
Microscope	101.1	91.7	102.1	110.1	107.5	111.9	116.5	120.9	124.4
Sunglasses	100.8	105.2	106.4	109.6	111.3	99.3	68.3	69.5	70.3
(Q). MANUFACTURE OF ELECTRICAL EQUI	109.2	108.2	109.2	111.2	111.6	112.0	120.3	127.6	130.9
a. Manufacture of electric motors, generators	105.9	105.0	105.6	106.9	108.8	111.2	118.5	124.9	129.2
Generators & Alternators	104.6	109.5	113.7	116.7	117.5	118.7	122.9	135.9	138.8
Cooling tower	113.6	117.9	123.8	124.3	126.1	124.6	113.3	146.7	174.6
Rotor/magneto rotor assembly	91.6	91.6	93.6	94.9	92.9	118.2	139.8	138.2	131.2
Motors & other DC equipment	99.4	100.1	105.1	116.8	120.0	118.8	119.0	122.5	128.2
Insulator	115.0	112.7	113.4	112.6	112.4	114.2	118.1	120.6	125.4
(R). MANUFACTURE OF MACHINERY AND I	109.4	107.9	108.5	110.8	112.8	113.4	118.4	124.9	128.5
a. Manufacture of engines and turbines, excep	105.9	104.7	102.6	102.7	104.5	105.1	116.3	125.4	128.1
Steam Turbines	94.1	94.7	88.1	79.2	79.2	81.5	85.7	82.6	77.8
Industrial valve	106.4	105.1	103.2	103.7	105.5	106.1	117.6	127.2	130.2
b. Manufacture of fluid power equipment	115.4	114.4	114.9	117.5	119.6	119.4	121.0	126.8	131.7
Injection pump	123.3	120.6	119.7	121.2	122.4	123.9	125.8	131.4	136.3
Hydraulic pump	115.7	115.4	119.4	120.8	116.4	115.0	121.4	124.4	130.7
Pneumatic tools	101.7	105.0	105.2	109.6	112.4	113.7	115.0	118.5	118.8
Water pump	118.1	115.9	117.1	119.5	121.8	119.7	121.3	128.5	135.8
c. Manufacture of other pumps, compressors,	107.8	106.4	107.9	109.0	110.8	111.3	114.4	117.1	117.3
Centrifugal Pumps	107.9	107.8	109.9	110.8	114.5	115.4	122.8	132.5	136.4
Pump sets without motor	109.7	107.4	112.1	114.3	113.1	110.1	109.0	110.9	108.8
Air or vacuum pump	105.7	105.7	101.7	103.0	109.3	112.7	120.9	122.0	123.2

Air gas compressor including compressor for r	108.4	107.5	110.4	107.1	112.5	117.3	118.6	126.5	132.4
Gasket kit	104.7	101.1	103.4	102.5	97.8	102.0	108.5	111.3	111.7
d. Manufacture of bearings, gears, gearing an	105.0	104.5	107.6	111.5	109.9	111.3	116.2	122.5	126.9
Roller and ball bearings	104.3	104.3	108.3	112.9	110.3	111.5	116.1	121.7	126.4
Motor Starter	106.9	105.0	103.9	104.6	107.5	110.5	116.4	125.9	129.3
Clutches and shaft couplings	111.9	107.4	104.6	106.4	109.2	110.3	117.7	126.7	128.7
e. Manufacture of ovens, furnaces and furnac	86.6	79.9	77.5	78.5	79.2	81.7	73.9	78.5	82.7
Furnaces & Ovens	86.6	79.9	77.5	78.5	79.2	81.7	73.9	78.5	82.7
f. Manufacture of lifting and handling equipm	104.7	102.8	105.1	109.3	111.7	112.4	117.9	125.3	128.1
Cranes	97.5	92.9	96.5	101.0	112.5	113.8	122.6	138.1	140.9
Material handling, lifting and hoisting equipm	101.5	101.7	103.7	106.5	108.6	108.9	110.4	114.4	118.3
Hydraulic equipment	108.8	107.6	109.3	113.7	112.1	112.5	117.7	122.2	124.7
g. Manufacture of office machinery and equip	133.8	130.3	130.2	130.2	130.2	130.2	130.2	130.2	130.2
Reprographic machine and scanners	133.8	130.3	130.2	130.2	130.2	130.2	130.2	130.2	130.2
h. Manufacture of other general-purpose mac	129.0	124.4	126.6	129.6	131.0	128.3	132.3	140.4	145.1
Chillers	114.8	115.6	115.1	117.6	120.6	120.5	121.4	122.6	120.4
Air filters	142.5	132.1	133.8	138.2	140.9	135.6	135.5	143.5	150.2
Air conditioning plant	107.7	112.3	112.3	113.3	111.5	111.5	115.4	116.0	116.8
Filtration equipment	110.3	115.1	119.4	120.4	119.4	120.6	132.4	140.8	141.0
Conveyors - non-roller type	91.3	92.2	92.7	82.9	82.3	80.9	83.1	93.0	94.4
Oil pump	117.0	117.7	120.1	120.4	125.1	128.1	130.8	139.2	144.3
Deep freezers	98.9	99.0	96.9	95.7	96.2	95.3	98.2	102.4	108.0
Water purifier	114.6	113.9	113.0	116.3	117.6	117.8	125.2	136.8	146.2
i. Manufacture of agricultural and forestry ma	110.7	112.1	112.3	115.7	120.0	121.3	126.0	135.4	141.4

Agricultural tractors	110.5	113.1	114.0	116.0	118.8	119.9	123.2	130.2	136.7
Harvesters	109.6	109.0	109.4	107.9	109.7	115.5	126.8	133.8	141.3
Agriculture implements	111.0	110.2	108.9	115.2	122.6	124.4	132.3	146.9	152.3
Threshers	117.6	122.0	122.2	123.0	126.1	130.3	136.0	142.8	147.2
Soil preparation & cultivation machinery (othe	112.5	111.9	113.4	116.5	119.8	119.3	121.4	128.6	131.6
j. Manufacture of metal-forming machinery ai	109.7	100.4	100.0	100.5	106.9	108.6	112.2	119.1	122.3
Drilling Machine	110.9	113.0	113.8	115.8	125.2	126.1	124.6	132.9	139.2
Grinding or polishing machine	114.3	112.1	110.9	112.4	116.9	119.3	123.6	126.2	132.7
Lathes	118.1	118.7	115.9	113.7	115.8	117.8	119.7	122.2	125.1
Precision machinery equipment/Form tools	107.3	89.1	88.3	88.0	93.5	95.6	101.9	109.5	110.1
k. Manufacture of machinery for mining, quar	90.7	82.4	75.7	75.0	75.5	75.4	77.4	83.2	88.0
Excavator	117.5	116.3	112.7	107.1	108.1	109.7	117.7	124.9	127.2
Dumper	107.2	110.3	93.2	92.4	94.1	89.6	88.4	92.8	98.5
Road roller	107.7	106.8	108.9	116.1	116.1	116.8	122.9	123.0	123.1
Loader	125.6	134.0	134.4	138.7	140.1	140.8	141.0	140.9	141.1
Mining, quarrying & metallurgical machinery/	99.8	101.1	99.4	102.1	103.0	104.6	108.1	113.3	119.5
Mixing machine	107.0	105.8	105.1	108.9	109.6	109.7	111.3	117.5	118.2
Concrete vibrator & mixture	103.7	103.8	104.0	103.0	102.9	104.2	107.5	116.5	119.9
Earth moving machinery	70.6	52.7	46.7	46.7	46.5	47.1	47.7	53.7	59.4
l. Manufacture of machinery for food, beverag	119.5	115.7	121.2	123.8	124.4	127.4	130.1	129.2	124.5
Rice mill machinery	108.7	116.2	121.2	126.8	124.0	121.3	128.2	129.3	129.6
Pressure vessel and tank for fermentation & c	94.6	102.0	111.6	122.0	132.8	144.5	137.7	123.9	112.4
Machinery used in the milling industry	101.8	94.5	89.7	88.1	86.3	84.3	88.7	87.9	91.0
Separator	122.6	115.7	113.7	106.7	106.0	105.0	110.2	117.4	119.5
Sugar Machinery	137.1	125.9	131.7	131.0	128.1	129.6	135.2	139.7	135.2
m. Manufacture of machinery for textile, appa	112.0	114.3	116.5	120.1	119.8	120.9	124.1	129.1	135.8
Open end spinning machinery	111.5	115.6	119.0	122.8	121.3	122.0	123.6	128.4	137.1
Sewing Machines	108.2	106.5	109.4	111.0	117.0	122.0	133.1	145.1	155.1
Roller mill (Raymond)	103.1	118.0	130.1	138.9	145.1	141.4	147.7	156.4	159.1
Printing machinery	115.1	112.1	109.5	112.8	114.5	115.7	122.3	125.8	125.2
n. Manufacture of other special-purpose mach	111.7	115.2	118.3	122.9	126.0	127.4	133.4	138.9	144.0
Machinery for plastic products - extruded	102.0	97.8	98.4	100.4	101.0	100.9	106.0	113.1	116.0
Moulding Machine	122.8	131.7	138.2	145.2	150.7	150.1	154.8	162.7	170.9
Chemical equipment & system	131.3	139.1	139.2	142.1	143.3	141.9	146.0	133.1	129.1
Pharmaceutical Machinery	109.7	114.5	117.5	123.1	128.0	131.4	139.2	143.7	149.2
Packing machine	109.2	113.1	109.0	107.6	108.3	108.5	106.3	111.8	115.2

Evaporator	112.4	114.1	118.2	121.0	120.5	121.2	127.1	132.1	136.2
o. Manufacture of renewable electricity gene	78.3	74.5	71.4	67.7	66.4	64.9	66.4	68.5	70.8
Solar power system (solar panel & attachable	59.3	57.5	52.5	46.1	44.3	41.8	44.3	47.6	49.4
Windmill turbines (2500KW)	103.1	96.8	96.0	96.0	95.3	95.2	95.2	95.9	98.6
(S). MANUFACTURE OF MOTOR VEHICLES, TR	110.9	110.5	110.6	112.2	113.8	116.9	121.1	127.1	128.0
a. Manufacture of motor vehicles	114.3	113.4	113.1	112.9	114.4	118.2	121.6	125.8	127.7
Light, medium & heavy commercial vehicles	114.0	113.4	114.2	114.0	114.1	114.2	115.8	116.8	116.7
Minibus/bus	110.8	112.0	114.0	116.0	118.3	126.6	131.7	141.6	142.2
Passenger vehicles	120.6	117.5	113.4	110.3	111.4	113.7	115.8	116.7	121.9
Chassis of different vehicle types	102.9	104.4	107.8	109.6	114.7	120.8	128.2	134.0	136.1
Body (for commercial motor vehicles)	106.6	100.7	102.0	106.4	110.3	111.2	121.4	129.9	126.9
b. Manufacture of parts and accessories for m	107.2	107.3	107.8	111.5	113.2	115.5	120.6	128.5	128.2
Engine	108.4	106.0	104.9	107.2	111.7	116.7	119.8	126.4	121.9
Wheels/Wheels & parts	98.8	94.0	96.7	101.2	106.4	101.9	113.1	127.8	128.8
Shock absorbers	100.3	100.9	101.9	102.7	104.0	99.9	101.9	108.7	107.5
Shafts of all kinds	105.8	112.5	112.9	115.8	119.2	121.7	125.6	129.2	133.7
Axles of motor vehicles	108.1	108.2	110.4	113.5	114.2	117.5	123.2	138.3	145.2
Radiators & coolers	114.9	111.7	108.7	108.0	116.8	120.6	131.4	142.8	150.3
Piston ring/Piston and Compressor	120.5	126.3	129.5	134.5	132.8	131.2	135.8	143.3	148.9
Crankshaft	99.1	96.3	99.7	102.0	96.9	100.0	102.0	113.6	111.6
Silencer and Damper	97.4	101.8	103.1	105.4	107.8	114.6	121.2	125.7	127.0
Brake pad/brake liner/brake block/Brake rubb	104.4	110.8	107.3	113.1	119.3	119.2	125.0	137.2	135.4
Head lamp	113.7	121.7	124.7	131.0	130.9	130.3	136.9	149.9	153.3
Gear box and parts	98.8	100.8	101.5	104.6	105.8	107.4	110.3	117.2	121.4

Steering gear control system	100.8	105.4	106.2	104.5	108.6	109.2	115.6	129.1	131.4
Cylinder liners	108.4	105.0	105.4	105.4	110.7	109.1	115.2	106.5	111.8
Chain	107.4	104.2	104.6	109.5	111.1	111.4	122.8	135.8	142.6
Release valve	114.0	107.1	113.0	119.0	120.8	119.6	128.3	135.7	134.5
Filter element	104.4	106.8	101.2	96.4	97.5	98.2	107.0	109.6	106.3
Seat for motor vehicles	132.1	131.3	139.3	162.1	139.7	142.7	153.9	163.7	158.5
Ignition device	127.1	145.9	154.1	157.3	158.8	158.8	163.2	172.1	175.8
(T). MANUFACTURE OF OTHER TRANSPORT E(	105.6	106.8	109.7	111.4	116.3	124.0	130.4	135.9	142.3
a. Building of ships and floating structures	158.6	158.7	158.8	158.8	158.8	158.8	158.9	161.3	163.7
Fishing vessels, trawlers	160.7	160.7	160.7	160.7	160.7	160.7	160.7	163.0	165.3
Propellers & Blades of Boats/Ships	100.2	102.1	103.8	104.1	105.0	104.7	107.6	113.6	116.9
b. Manufacture of railway locomotives and ro	95.9	99.1	103.4	104.6	106.3	105.4	104.4	104.8	106.9
Wagons	85.3	88.5	91.5	90.8	93.9	94.1	92.5	93.5	98.3
EMU coaches	109.4	109.4	109.6	111.3	111.3	111.3	111.3	110.7	111.1
Diesel/Electric locomotive	112.0	120.0	134.8	141.5	140.9	135.2	134.7	134.7	129.8
Railway brake gear	102.1	99.0	95.3	94.0	93.0	92.6	93.1	88.8	89.3
c. Manufacture of motor cycles	100.8	101.8	104.9	106.3	112.1	122.0	129.5	135.8	143.7
Motor cycles	100.9	102.3	105.2	106.6	112.9	123.4	131.1	137.4	145.7
Scooters	98.5	95.7	99.6	101.2	102.6	106.4	112.0	118.3	122.4
Auto rickshaw/Tempo/Matador/Three wheel(	115.1	121.1	126.6	132.1	136.3	144.0	152.3	159.7	160.8
d. Manufacture of bicycles and invalid carriag(	114.9	116.6	120.4	126.3	129.2	128.7	136.2	139.7	138.1
Bicycles of all types	114.9	116.6	120.4	126.3	129.2	128.7	136.2	139.7	138.1
e. Manufacture of other transport equipment	117.6	115.7	119.5	122.6	125.4	127.6	133.6	148.4	158.4
Tanker	117.6	115.7	119.5	122.6	125.4	127.6	133.6	148.4	158.4
(U). MANUFACTURE OF FURNITURE	113.1	113.6	118.6	125.5	130.3	131.4	146.2	156.3	159.5
a. Manufacture of furniture	113.1	113.6	118.6	125.5	130.3	131.4	146.2	156.3	159.5
Wooden furniture	107.7	109.0	109.9	117.4	118.8	117.7	121.5	132.0	136.5
Plastic fixtures	117.4	110.7	109.8	110.6	114.4	115.8	124.5	127.9	123.8
Steel shutter gate	122.6	126.3	135.3	155.7	169.2	175.4	211.9	237.9	237.9
Iron/Steel Furniture	103.3	105.6	109.3	117.5	119.2	120.0	133.6	137.1	137.5
Hospital furniture	117.4	117.7	125.2	115.3	118.8	115.8	120.2	126.3	129.6
Foam and rubber mattress	136.4	135.8	154.6	154.4	168.1	170.3	198.9	220.6	237.7
(V). OTHER MANUFACTURING	115.8	119.5	111.4	106.7	110.2	127.8	136.2	144.9	155.9
a. Manufacture of jewellery and related articl(	114.6	118.1	109.3	103.7	107.2	125.8	134.3	143.4	155.4
Gold & gold ornaments	116.1	119.5	110.5	104.7	108.3	126.9	134.8	144.4	156.2
Silver	65.1	73.6	73.2	70.3	75.4	89.5	120.0	112.4	129.9

b. Manufacture of musical instruments	146.4	159.7	164.1	176.1	174.0	171.2	192.0	187.0	188.1
Stringed musical instruments (incl. Santoor, G	146.4	159.7	164.1	176.1	174.0	171.2	192.0	187.0	188.1
c. Manufacture of sports goods	117.1	123.0	126.2	127.0	128.7	131.3	137.8	148.5	154.7
Sports goods of rubber (incl. balls)	114.9	117.1	120.2	117.3	115.3	116.8	123.1	131.8	135.8
Cricket ball	152.4	158.8	161.9	163.7	165.8	173.2	197.9	209.2	214.1
Cricket Bat	119.7	126.0	133.8	136.9	144.1	143.2	150.1	166.3	176.1
Football	115.9	124.4	126.4	128.0	128.4	132.5	139.0	150.6	158.0
Table Tennis Table	119.0	121.9	123.3	128.2	141.7	146.7	147.7	146.7	145.5
d. Manufacture of games and toys	121.5	124.9	127.4	131.0	136.5	140.2	148.7	157.7	159.2
Playing Cards	121.6	126.8	129.4	132.2	134.9	138.2	146.9	161.5	161.7
Carrom board	128.1	134.5	132.5	133.7	138.2	144.9	168.6	179.1	184.9
Plastic moulded-others toys	119.5	120.3	123.6	128.2	135.1	137.9	143.1	146.2	148.0
Non Mechanical Toys	128.1	136.3	138.9	147.7	175.4	189.2	194.7	206.5	209.4
e. Manufacture of medical and dental instrum	139.5	145.8	147.2	157.8	161.5	165.9	170.8	171.9	164.5
Intraocular Lens	139.5	145.8	147.2	157.8	161.5	165.9	170.8	171.9	164.5
IV FOOD INDEX	126.3	133.2	137.1	137.1	145.0	152.4	160.3	173.0	177.9

Annexure-3

Average Rate of escalation for Civil works based on WPI/CPI indices for completion cost

(As per CWC Cost Bulletin of 1994)

S.No.	Item	Base Data	Index	2019	2020	2021	2022	2023	2020	2021	2022	2023	Av. Yearly Escalation	Calculations			Weight on Item	Escalation
														Intermediate Values		Final Values		
1	Cement & Steel	Base Year : 2011-12 = 100	e. Pozzolona Cement	113.30	114.80	117.60	122.70	123.70	1.32%	2.44%	4.34%	0.81%	2.23%			5.26%	**30%**	**1.58%**
			d. Mild Steel -Long Products	106.50	107.20	131.90	149.40	143.70	0.66%	23.04%	13.27%	-3.82%	8.29%					
2	All Commodities		All Commodities (WPI)	121.20	121.80	135.00	151.30	151.30	0.50%	10.84%	12.07%	0.00%	5.85%			5.85%	**35%**	**2.05%**
3	POL		HSD	94.40	79.40	114.70	183.50	174.20	-15.89%	44.46%	59.98%	-5.07%	20.87%	15.65%		18.79%	**10%**	**1.88%**
			Petrol	85.40	74.20	109.90	159.80	158.90	-13.11%	48.11%	45.40%	-0.56%	19.96%	4.99%	17.20%			
			Lube Oils	131.20	134.00	157.80	174.70	188.00	2.13%	17.76%	10.71%	7.61%	9.55%		1.59%			
4	Labour	Base 2001=100	AICPI-IW	317.42	330.38	351.43	372.17	392.83	4.08%	6.37%	5.90%	5.55%	5.48%			5.48%	**25%**	**1.37%**
Escalation per Annum																		**6.87%**

Note:

The price Index of for *"Fuel & Lubricants"* have been worked out as follows (As per CWC Cost Bulletin of Dec 1994).

i) **For fuel:** The indices of HSD & Petrol are blended in the ratio of 3:1.

ii) **For fuel & lubricants:** The indices obtained as above for fuel have been blended with lubricants in the rato of 5:1.

S.No	Item								Avg. yearly Escalation	Weightage	Escalation
		2019	2020	2021	2022	2020	2021	2022			
1	Q Manufacture of Electrical Equipment	111.6	112	120.3	127.6	0.36%	7.41%	6.07%	4.61%		
2	R Manufacture of Machines & Equipment	112.8	113.4	118.4	124.9	0.53%	4.41%	5.49%	3.48%		
3	Mean (Q&R)	112.20	112.70	119.35	126.25	0.45%	5.90%	5.78%	4.04%	70.00%	2.83%
4	Labour	317.42	335.06	351.43	372.17	5.56%	4.89%	5.90%	5.45%	30.00%	1.63%
Avg. Annual Escalation											**4.464%**

KHANDONG HYDRO POWER STATION OF KOPILI HEP (2 X 23 MW)
(Abstract of Cost Estimates of Electro Mechanical Works)

Price Level: March'2022
F E Rate:

Sl. No	Item Particulars	CEA VETTED ESTIMATE AT MARCH'2022 PL							
		Indian Component	Foreign Component		Total (Rs. Lakh)	Customs Duty		Total	
		(Rs. Lakh)	fc	(Eqvt. In Rs. Lakh)		%	(Rs. Lakh)	At Present Price Level (Rs. Lakh)	At Completion Level (Rs. Lakh)
1	**Preliminary - Annex-E&M(1)**	127.68	-	-	127.68			127.68	127.79
	GST as Applicable on above	22.98			22.98			22.98	24.96
	Sub-total (Preliminary)	**150.67**			**150.67**			**150.67**	**152.75**
2	**Generating Plant and Auxiliaries**								
	a) Generating Units and Associated Accessories - **Annex - E&M(2)**	9,529.52	-	-	9,529.52	-	-	9,529.52	10,462.37
	b) Auxiliary electrical equipment for power station - **Annex-E&M(3)**	1,281.17		-	1,281.17			1,281.17	1,410.58
	c) Auxiliary Mechanical equipment and services for power station - **Annex-E&M(4)**	1,042.99		-	1,042.99			1,042.99	1,135.32
	d1) Central Sales Tax @ 2% on 2 (a), (b) & (c)								
	d2) GST (as applicable) on 2(a), (b) & (c)	2,135.11			2,135.11			2,135.11	2,345.02
	e1) Transportation, handling and Insurance charges @ 3% (Marine) of Foreign Component of TG Set							-	
	e2) Transportation, handling and Insurance Charges of 2(a), 2(b) & 2 (C)	518.24			518.24			518.24	569.19
	f) GST (as applicable) on 2(e)	93.28			93.28			93.28	101.30
	g) Erection and commissioning charges of 2(a),(b),(c) excluding spares	846.56			846.56			846.56	928.53
	h) GST (as applicable) on 2 (g)	152.38			152.38			152.38	165.47
	Sub-Total (Generating Plant and Equipment)	**15,599.25**			**15,599.25**			**15,599.25**	**17,117.78**
3	**Switchyard and Pothead Yard Equipment & Services**								
	a) Substation equipment, auxiliary equipment and service of Switchyard - **Annex-E&M(5)**	914.76		-	914.76			914.76	1,015.45
	b) Central Sales Tax @ 2% on 3(a)								
	b) GST (as applicable on 3(a)	164.66			164.66			164.66	180.84
	c) Transportation,handling and insurance charges	48.46			48.46			48.46	53.22

	d) GST (as applicable) on 3(c)	8.72			8.72			8.72	9.47
	e) Erection and Commissioning charges excluding spares	61.02			61.02			61.02	66.93
	f) GST (as applicable) on 3(e)	10.98			10.98			10.98	11.93
	Sub-Total (Substation Equipment, Auxiliary Equipment and Service of Switch Yard)	**1,208.60**		**-**	**1,208.60**			**1,208.60**	**1,337.85**
4	Contingencies @ 1% of items 2 & 3	168.08			168.08			168.08	191.74
5	Tools & Plants @ 0.5% of item 2 &3	84.04		-	84.04			84.04	95.87
6	**Sub-Total (Item 1 to 5)**	**17,210.64**		**-**	**17,210.64**			**17,210.64**	**18,895.99**
7	Establishment (as per Para 16.5 of Chapter XVI)	1,008.47			1,008.47			1,008.47	1,107.34
8	**Sub Total (Item 6 & 7)**	**18,219.11**			**18,219.11**			**18,219.11**	**20,003.33**
9	Audit and account Charges (as per para 16.9.2 of Chapter XVI)	84.79			84.79			84.79	95.87
10	**TOTAL (8 + 9)**	**18,303.90**			**18,303.90**			**18,303.90**	**20,099.20**
11	**Enabling Works (EM) and Dismantling Works**								
	a) Enabling Works (EM) and Dismantling Charges (1/2 of Dismantling Charges vetted by CEA for Kopili PH)	**456.21**			456.21			456.21	**476.58**
	b) GST on the above	**82.12**			82.12			82.12	89.17
	Sub-total (Dismantling)	**538.33**			**538.33**			**538.33**	**565.75**
12	**Grand Total (10+11)**	**18,842.23**			**18,842.23**			**18,842.23**	**20,664.95**

Total Equipment Supply Cost							**12,768.44**	**14,023.73**
Equipment Supply Cost per MW							**277.57**	**304.86**
Total Works Cost without Taxes							**14,242.72**	**15,641.60**
Works Cost without Taxes per MW							**309.62**	**340.03**
Total Works Cost incl Taxes (2+3)							**16,807.85**	**18,455.63**
Works cost per MW							**365.39**	**401.21**
Total EM Works Cost							**18,842.23**	**20,664.95**
EM Works Cost per MW							**409.61**	**449.24**

Annex-E&M(1)

KHANDONG HYDRO POWER STATION OF KOPILI HEP (2 X 23 MW)
Cost Estimates of Electro Mechanical Works
(Preliminary Works)

Price Level: March'2022
F E Rate:

Sl. No	Item Particulars	CEA VETTED ESTIMATE AT MARCH'2022 PL								
		Qnty	Rate (Rs. Lakh)	Services Cost				Total		
				Indian Component	Foreign Component		Total			
				(Rs. Lakh)	fc	(Eqvt. In Rs. Lakh)	(Rs. Lakh)	At Present Price Level (Rs. Lakh)	At Completion Level (Rs. Lakh)	
1	2	3	4	5	6	7	8=5+7	9	10	
1	Design & Consultancy Charges	1		127.68		-	127.68	127.68	127.79	1% of Supply Cost of E&M2, 3, 4& 5
2	Model Testing for Turbine									
	Total			**127.68**		**-**	**127.68**	**127.68**	**127.79**	

Annex-E&M(2)

KHANDONG HYDRO POWER STATION OF KOPILI HEP (2 X 23 MW)
Cost Estimates of Electro Mechanical Works
(Generating Units and Associated Accessories)

Price Level: March'2022
F E Rate:

Sl. No	Item Particulars	CEA VETTED ESTIMATE AT MARCH'2022 PL										Remarks
		Qnty	Rate (Rs. Lakh)	Equipments Cost				Excise / Customs Duty		Total		
				Indian Component	Foreign Component		Total	Rate	Amount	At Present Price Level	At Completion Level	
				(Rs. Lakh)	fc	(Eqvt. In Rs. Lakh)	(Rs. Lakh)	%	(Rs. Lakh)	(Rs. Lakh)	(Rs. Lakh)	
1	2	3	4	5	6	7	8=5+7	9	10=8X9	11=8+10	12	
	a) Turbine Generator Units 2X23 MW, 333.33 RPM, 82 M head, 0.9 pf, 11 kV complete with allied equipment such as MIV, Governor, AVR, Excitation System etc.											
	Sub-total R&M of Turbine Main Equipment			7,292.18		-	7,292.18		-	7,292.18	8,054.16	
	f) Spares @5% on item 1(a) to 1(e) (including one spare runner)											
	f.1) 1 (One) Spare Runner	1	390.78	390.78			390.78		-	390.78	439.96	
	f.2) Spares @3% on item 1(a) to 1(e) (excluding cost of spare runner)	1		195.32			195.32		-	195.32	219.90	
1	Total R&M of Turbine Generator Units (Lot)	1		7,878.28		-	7,878.28	-	-	7,878.28	8,714.02	
2	13.8 kV Isolated Phase Bus Duct / Seggregated Phase Bus Duct for Generator - Transformer Connection, including LAVT, NGT and ICT, Surge Protection and Neutral Earthing System (Set)			42.62		-	42.62		-	42.62	47.27	
3	Supervisory Control And Data Acquisition System (SCADA) (LS)			374.43		-	374.43		-	374.43	415.07	
4	Unit Control & Protection Panels for PH & SY			82.56		-	82.56		-	82.56	92.91	
5	..... kV ..... Amps Generator Circuit Breaker (If provided)	-	-	-		-	-		-	-		
6	Lubricating Oil and Governor Oil for first filling (Included in 1 above)	-	-	-		-	-		-	-		
7	R&M of Pressure Shaft Valve (Lot)			1,136.64		-	1,136.64		-	1,136.64	1,176.22	
8	Spares @ 3% on Items 2 to 6			14.99	-	-	14.99		-	14.99	16.87	
	Total			**9,529.52**	**-**	**-**	**9,529.52**		**-**	**9,529.52**	**10,462.37**	

fc: Foreign Currency

KHANDONG HYDRO POWER STATION OF KOPILI HEP (2 X 23 MW)
Cost Estimates of Electro Mechanical Works
(Auxiliary Electrical Equipment For Power Station)

Price Level: March'2022
F E Rate:

Sl. No	Item Particulars	CEA VETTED ESTIMATE AT MARCH'2022 PL										Remarks
		Quantity	Rate (Rs. Lakh)	Equipments Cost				Excise / Customs Duty		Total		
				Indian Component	Foreign Component		Total	Rate	Amount	At Present Price Level	At Completion Level	
				(Rs. Lakh)	fc	(Eqvt. In Rs. Lakh)	(Rs. Lakh)	%	(Rs. Lakh)	(Rs. Lakh)	(Rs. Lakh)	
1	2	3	4	5	6	7	8=5+7	9	10=8X9	11=8+10	12	
1	R&M of 28.5 MVA, 11/132 kV 3 phase Generator Step Up Transformer (Lot)	1		406.56		-	406.56		-	406.56	448.26	
2	Unit Auxiliary Transformer 630 kVA, 11/0.415 kV 3 ph. Dry Type	2	16.39	32.79		-	32.79		-	32.79	36.15	
3a	a) Station Service Transformer 3 MVA, 132/33 kV, 3 ph. ONAN	1	89.43	89.43		-	89.43		-	89.43	98.60	
3b	b) Plant Auxiliary Transformer 1 MVA, 33/11 kV 3 ph. ONAN (supply to BFVH)	1	27.29	27.29		-	27.29		-	27.29	30.09	
3c	c) Station Auxiliary Transformer 1 MVA, 33/0.433 kV, 3 ph. ONAN	1	14.27	14.27		-	14.27		-	14.27	15.73	
4	R&M of HT & LTAC Switchgear for Power Supply to PH complex & Switch Yard (Lot)	1		156.77		-	156.77		-	156.77	171.82	
5	R&M of DC Batteries, Battery Charging Equipment, DC Distribution Board with DC Switchgear (Lot)	1		68.58		-	68.58		-	68.58	75.31	
6a	a) Diesel Generating Set (Rating 415 V, 400 kVA) (Nos.) (including mandatory spares)	1	29.61	29.61		-	29.61		-	29.61	32.51	
6b	b) Cables for DG Set (Lot)	1	4.12	4.12		-	4.12		-	4.12	4.53	
6c	c) Repairing / Refurbishment of DG Set after flood damage	1	5.00	5.00		-	5.00		-	5.00	5.49	
7	Control & Power Cables (Lot)	1		182.26		-	182.26		-	182.26	201.13	
8	Cable Racks, Trays, Supporting Structure and Accessories (Lot)	1	20.50	20.50		-	20.50		-	20.50	22.62	
9	CCTV, Surveillance System & Telecommunication System (Lot)	1		31.12		-	31.12		-	31.12	34.18	
10	Ground Mat & Earthing for Power House & Transformer Caverns, GIS Building and Pothead Yard (Lot)	1		20.00		-	20.00		-	20.00	21.96	
11	Illumination of Dam, Power House and Pothead Yard and others (Lot)	1	86.02	86.02		-	86.02		-	86.02	94.46	
12	Electrical Workshop	1	92.71	92.71		-	92.71		-	92.71	101.81	
13	Electrical Test Lab & Testing Equipments (Lot)		-	-		-	-		-	-	-	
14	**Sub-Total (Items 1 to 13)**			**1,267.03**	**-**	**-**	**1,267.03**		**-**	**1,267.03**	**1,394.67**	
15	Spares @ 3% on item 14			14.14	-	-	14.14		-	14.14	15.92	
	Total			**1,281.17**	**-**	**-**	**1,281.17**		**-**	**1,281.17**	**1,410.58**	

KHANDONG HYDRO POWER STATION OF KOPILI HEP (2 X 23 MW)
Cost Estimates of Electro Mechanical Works
(Auxiliary Mechanical Equipment and Services For Power Station)

Price Level: March'2022
F E Rate:

		CEA VETTED ESTIMATE AT MARCH'2022 PL									
Sl. No	Item Particulars	Qnty	Rate (Rs./fc)	Equipments Cost				Excise / Customs Duty		**Total**	
				Indian Component	Foreign Component		Total	Rate	Amount	**At Present Price Level**	**At Completion Level**
				(Rs. Lakh)	fc	(Eqvt. In Rs. Lakh)	(Rs. Lakh)	%	(Rs. Lakh)	**(Rs. Lakh)**	**(Rs. Lakh)**
1	2	3	4	5	6	7	8=5+7	9	10=8X9	**11=8+10**	**12**
1	Refurbishment of Electrical Overhead Travelling Crane for PH (Capacity 125 / 25 T) (lot)	1	57.88	57.88		-	57.88		-	**57.88**	**59.82**
2	Electrical Overhead Travelling Crane for GIS (Capacity 10 T)	0	-	-		-	-		-	**-**	**-**
3	Electrical Overhead Travelling Crane for BFV House (Capacity 25 T)	1	46.35	46.35		-	46.35		-	**46.35**	**47.90**
4	Electric Lifts and Elevators (Lot)	0	-	-		-	-		-	**-**	**-**
5	Fire Fighting Equipment with Storage Tanks, Pipes, Pumps, Valves etc. (Lot)	1		831.16		-	831.16		-	**831.16**	**908.96**
6	Heating, Ventilation and Air-conditioning (Lot)	1		31.77		-	31.77		-	**31.77**	**34.74**
7	Potable Water Supply for PH Complex and Pothead Yard (Lot)	1	10.04	10.04		-	10.04		-	**10.04**	**10.98**
8	Oil Handling Equipment with Pipes, valves, tanks, purifiers (Lot)	1		35.40		-	35.40		-	**35.40**	**38.71**
9	Workshop Machines and equipment (Lot)	0	-	-		-	-		-	**-**	**-**
10	**Sub-Total (Items 1 to 9)**			**1,012.61**	**-**	**-**	**1,012.61**		**-**	**1,012.61**	**1,101.12**

11	Spares @ 3% on item 10			30.38	-	-	30.38		-	**30.38**	34.20
	Total			**1,042.99**		**-**	**1,042.99**		**-**	**1,042.99**	**1,135.32**

Annex-E&M(5)

KHANDONG HYDRO POWER STATION OF KOPILI HEP (2 X 23 MW)
Cost Estimates of Electro Mechanical Works
(Switchyard and Pothead Yard Equipment and Services)

Price Level: March'2022
F E Rate:

Sl. No	Item Particulars	CEA VETTED ESTIMATE AT MARCH'2022 PL										Remarks
		Qnty	Rate (Rs./fc)	Equipments Cost				Excise / Customs Duty		Total		
				Indian Component	Foreign Component		Total	Rate	Amount	At Present Price Level	At Completion Level	
				(Rs. Lakh)	fc	(Eqvt. In Rs. Lakh)	(Rs. Lakh)	%	(Rs. Lakh)	(Rs. Lakh)	(Rs. Lakh)	
1	2	3	4	5	6	7	8=5+7	9	10=8X9	11=8+10	12	
1	132/33 kV Switchyard Equipments including Coupling Capacitors, wave traps, Las etc.	1		442.70		-	442.70		-	**442.70**	**488.98**	
2	..... kV GIS Bays	0	-	-		-	-		-	**-**	**-**	
3	..... kV XLPE Cables / GIB (km)	0	-	-		-	-		-	**-**	**-**	
4	.... Phase, ... MVAR, ... kV Shunt Reactor	0	-	-		-	-		-	**-**	**-**	
5	Bus Bar Material / Bus Conductors, Hardwares and Isolators (Lot)	1	50.00	50.00			50.00		-	**50.00**	**55.23**	
6	Protection Panels for Bus, Line & Reactor	1	234.290	234.29			234.29		-	**234.29**	**263.66**	
7	D. C. battery, Charger and Associated Equipment (Compact DCDB for Battery Room)	1	4.30	4.30			4.30		-	**4.30**	**4.75**	
8	Fire Protection System	0										
9	PLCC Equipment	1		124.81		-	124.81		-	**124.81**	**137.86**	
10	Gantry, Foundation for Structures & miscellaneous civil works for other equipment like shield wire, insulators, lightning masts	1	50.00	50.00			50.00		-	**50.00**	**55.23**	
11	Fencing & Security	0										
12	**Sub-Total (1 to 9)**			**906.10**	**-**	**-**	**856.10**		**-**	**856.10**	**950.48**	
13	Spares @ 3% on Item 12 (excl. 1,8,9,10,11)			8.66	-	-	8.66		-	**8.66**	9.75	
	Total			**914.76**	**-**	**-**	**914.76**	**-**	**-**	**914.76**	**1,015.45**	

671.81 742.04

KHANDONG HYDRO POWER STATION OF KOPILI HEP (2 X 23 MW)
ESTABLISHMENT (ELECTRICAL)

Sl. No.	Heads	Norms as per Guidelines for formulation of DPR for Hydro Electric Schemes Jan 2015 (Rev 5.0)	Amount (Rs. In Lacs) March'22 PL	Completion level
	Basic Establishment Cost (BEC-E)			
a	Cost of E&M Works		**16,807.85**	**18,455.63**
i	Upto Rs. 750 crores	6%	**1,008.47**	**1,107.34**
ii	> 750 up to 1500	45 Crs.+3% of Cost Exceeding 750 crores		**-**
iii	> 1500 up to 3000	67.5 Crs.+2.25% of Cost Exceeding 1500 crores		
iv	> 3000 up to 6000	101.25 Crs.+1.5% of Cost Exceeding 3000 crores		
v	> 6000	146.25 Crs.+0.75% of Cost Exceeding 6000 crores		
	Basic Establishment Cost (BEC-E) Total		**1,008.47**	**1,107.34**
b	**Design and Engineering Charges**	25% of BEC-E		-
		Foreign Consultancy under A-Preliminary (Minus)		
		Net D&E Charge	**-**	**-**
c	**Gestation period**			
i	**Gestation period more than 6 years**	7.5% of BEC-E per year for period more than 6 years	**-**	**-**
	Total Establishment (E&M works)		**1,008.47**	**1,107.34**
		Say	**1,008.00**	**1107.00**

2X23MW Khandong Power Station											
HALF YEARLY PHASING OF CIVIL COST WITH ESCALATION											
											(Rs. in Lakh)
				6.87%							
		Escalation Factor (Civil & HM Works)=		1.000	1.000	1.017	1.052	1.088	1.126	1.158	
Sl No.	Items	Present day CEA Approved cost (Mar'23 PL)	Expenditure up to zero date (01/04/2022)	Construction Works							Total
				1 - 6	7 - 12	13 - 18	19 - 24	25 - 30	31 - 36	37 - 40	
				(Apr 22-Sep22)	(Oct-22- Mar23)	(Apr23-Sep-23)	(Oct23-Mar24)	(Arp24-Sep24)	(Oct-24-Mar25)	(Apr25-Jul25)	
	DIRECT COST										
	WORKS										
	C- Works										
3	**Present Day Cost**	869.70	6.68	86.30	129.45	129.45	129.45	172.60	172.60	43.15	869.70
	Escalated Cost		**6.68**	**86.30**	**129.45**	**131.68**	**136.20**	**187.85**	**194.30**	**49.97**	**922.44**
	Projected expenditure (%)			10.00%	15.00%	15.00%	15.00%	20.00%	20.00%	5.00%	100.00%
	J-Works										
4	**Present Day Cost**	8062.50	374.48	0.00	384.40	384.40	1153.20	2306.40	3075.21	384.40	8062.50
	Escalated Cost		**374.48**	**0.00**	**384.40**	**391.01**	**1213.34**	**2510.09**	**3461.82**	**445.12**	**8780.26**
	Projected expenditure (%)			0.00%	5.00%	5.00%	15.00%	30.00%	40.00%	5.00%	100.00%
	Total Cost of Civil & HMWorks										
	Present Day Cost	**8932.20**	**381.16**	**86.30**	**513.85**	**513.85**	**1282.66**	**2479.01**	**3247.81**	**427.55**	**8932.20**
	Escalated Cost		**381.16**	**86.30**	**513.85**	**522.69**	**1349.54**	**2697.94**	**3656.12**	**495.09**	**9702.69**

KHANDONG HYDRO POWER STATION OF KOPILI HEP (2 X 23 MW)

PHASING OF EXPENDITURE OF ELECTRO-MECHANICAL WORKS

Rs. In Lakh

SL.No.	ITEMS	Present Day Cost	Expenditure up to Zero Date	1st year		2nd year		3rd year		4th year	TOTAL	
				1 HY	2 HY	3 HY	4 HY	5 HY	6 HY	7 HY		
				Apr'22 - Sep'22	Oct'22 - Mar'23	Apr'23 - Sep'23	Oct'23 - Mar'24	Apr'24 - Sep'24	Oct'24 - Mar'25	Apr'25 - Jul'25		
A	E&M works without Taxes & Duties & Overheads											
Sl.No.	ITEMS			6	12	18	24	30	36	40		
				6	12	18	24	30	36	40		
	Escalation Factor (IC)			101.12%	103.35%	105.58%	107.81%	110.04%	112.28%	114.14%		
1.1	ELECTRO-MECHANICAL EQUIPMENT											
1.1.1	EOT CRANE	104.23	-	-	104.23	-	-	-	-	-	104.23	-
			-	-	107.72	-	-	-	-	-	107.72	
			0.00%	*0.00%*	*100.00%*	*0.00%*	*0.00%*	*0.00%*	*0.00%*	*0.00%*	*100.00%*	1.00
1.1.2	T. G. SETS	7,292.18	117.52	-	-	729.22	-	3,646.09	2,187.66	611.70	7,292.18	-
			117.52	-	-	769.91	-	4,012.33	2,456.23	698.17	8,054.16	
			1.61%	*0.00%*	*0.00%*	*10.00%*	*0.00%*	*50.00%*	*30.00%*	*8.39%*	*100.00%*	1.00
1.1.3	BUS DUCT	42.62	3.84	-	-	-	-	8.52	25.57	4.69	42.62	-
			3.84	-	-	-	-	9.38	28.71	5.35	47.27	
			9.00%	*0.00%*	*0.00%*	*0.00%*	*0.00%*	*20.00%*	*60.00%*	*11.00%*	*100.00%*	1.00
1.1.4	PENSTOCK VALVE	1,136.64	729.58	-	-	-	284.16	-	-	122.90	1,136.64	-
			729.58	-	-	-	306.36	-	-	140.28	1,176.22	
			64.19%	*0.00%*	*0.00%*	*0.00%*	*25.00%*	*0.00%*	*0.00%*	*10.81%*	*100.00%*	1.00
1.1.5	POWER TRANSFORMERS	570.34	92.08	-	-	57.03	-	-	228.14	193.09	570.34	-
			92.08	-	-	60.22	-	-	256.14	220.39	628.83	
			16.14%	*0.00%*	*0.00%*	*10.00%*	*0.00%*	*0.00%*	*40.00%*	*33.86%*	*100.00%*	1.00
1.1.6	PROTECTION & RELAY PANEL	316.85	-	-	-	31.69	-	-	126.74	158.43	316.85	-
			-	-	-	33.45	-	-	142.30	180.82	356.57	
			0.00%	*0.00%*	*0.00%*	*10.00%*	*0.00%*	*0.00%*	*40.00%*	*50.00%*	*100.00%*	1.00
1.1.7	A C SUPPLY SYSTEM	156.77	-	-	-	15.68	47.03	47.03	47.03	-	156.77	-
			-	-	-	16.55	50.71	51.76	52.81	-	171.82	
			0.00%	*0.00%*	*0.00%*	*10.00%*	*30.00%*	*30.00%*	*30.00%*	*0.00%*	*100.00%*	1.00
1.1.8	SWITCH YARD	671.81	-	-	-	67.18	134.36	134.36	268.73	67.18	671.81	-
			-	-	-	70.93	144.86	147.86	301.72	76.68	742.04	
			0.00%	*0.00%*	*0.00%*	*10.00%*	*20.00%*	*20.00%*	*40.00%*	*10.00%*	*100.00%*	1.00
1.1.9	GIS & XLPE CABLE/GIB	-	-	-	-	-	-	-	-	-	-	-

			-	-	-	-	-	-	-	-	-		
			0.00%	*0.00%*	*0.00%*	*0.00%*	*0.00%*	*0.00%*	*0.00%*	*0.00%*	*0.00%*	-	
1.1.10	POWER & CONTROL CABLES	202.76	1.43	-	-	20.28	40.55	40.55	81.10	18.85	202.76	-	
			1.43	-	-	21.41	43.72	44.63	91.06	21.51	223.75		
			0.71%	*0.00%*	*0.00%*	*10.00%*	*20.00%*	*20.00%*	*40.00%*	*9.29%*	*100.00%*	1.00	
1.1.11	CONTROL SYSTEM (SCADA)	374.43	18.96	-	-	-	-	149.77	187.22	18.48	374.43	-	
			18.96	-	-	-	-	164.82	210.20	21.10	415.07		
			5.06%	*0.00%*	*0.00%*	*0.00%*	*0.00%*	*40.00%*	*50.00%*	*4.94%*	*100.00%*	1.00	
1.1.12	ELECTRICAL AUXILIARIES	337.16	55.08	-	-	-	33.72	67.43	101.15	79.78	337.16	-	
			55.08	-	-	-	36.35	74.21	113.57	91.06	370.27		
			16.34%	*0.00%*	*0.00%*	*0.00%*	*10.00%*	*20.00%*	*30.00%*	*23.66%*	*100.00%*	1.00	
1.1.13	MECHANICAL AUXILIARIES	908.37	5.75	-	90.84	136.26	136.26	181.67	272.51	85.09	908.37	-	
			5.75	-	93.88	143.86	146.90	199.92	305.97	97.12	993.40		
			0.63%	*0.00%*	*10.00%*	*15.00%*	*15.00%*	*20.00%*	*30.00%*	*9.37%*	*100.00%*	1.00	
1.1.14	INITIAL SPARES	654.26	-	-	-	-	60.39	65.43	196.28	332.16	654.26	-	
			-	-	-	-	65.11	72.00	220.37	379.12	736.60		
			0.00%	*0.00%*	*0.00%*	*0.00%*	*9.23%*	*10.00%*	*30.00%*	*50.77%*	*100.00%*	1.00	
	TOTAL SUPPLY (Present Day Cost)	**12,768.44**	**1,024.24**	**-**	**195.07**	**1,057.33**	**736.47**	**4,340.87**	**3,722.11**	**1,692.35**	**12,768.44**	-	12,768.44
	TOTAL SUPPLY (Completion Cost)	**14,023.73**	**1,024.24**	**-**	**201.60**	**1,116.33**	**794.01**	**4,776.89**	**4,179.07**	**1,931.59**	**14,023.73**		1.098312389
1.2	**SERVICES**												
1.2.1	PRELIMINARY (Consultancy Charges)	127.68	125.73	-	-	1.95	-	-	-	-	127.68	-	
			125.73	-	-	2.06	-	-	-	-	127.79		
			98.47%	*0.00%*	*0.00%*	*1.53%*	*0.00%*	*0.00%*	*0.00%*	*0.00%*	*100.00%*	1.00	
1.2.2	FREIGHT & INSURANCE	566.70	45.46	-	8.66	46.93	32.69	192.66	165.20	75.11	566.70	-	
			49.93	-	9.51	51.54	35.90	211.60	181.44	82.50	622.41	622.41	
			8.02%	*0.00%*	*1.53%*	*8.28%*	*5.77%*	*34.00%*	*29.15%*	*13.25%*	*100.00%*	1.00	
1.2.3	ERECTION & COMMG.	907.58	-	-	-	-	181.52	272.27	272.27	181.52	907.58	-	
			-	-	-	-	199.09	298.64	298.64	199.09	995.46	995.46	
			0.00%	*0.00%*	*0.00%*	*0.00%*	*20.00%*	*30.00%*	*30.00%*	*20.00%*	*100.00%*	1.00	
1.2.4	Enabling Works incl. Dismantling Services	456.21	-	-	228.11	228.11	-	-	-	-	456.21	-	
			-	-	235.74	240.83	-	-	-	-	476.58		
			0.00%	*0.00%*	*50.00%*	*50.00%*	*0.00%*	*0.00%*	*0.00%*	*0.00%*	*100.00%*	1.00	
	TOTAL SERVICES (Present Day Cost)	**2,058.17**	**171.19**	**-**	**236.76**	**276.99**	**214.20**	**464.93**	**437.47**	**256.63**	**2,058.17**		
	TOTAL SERVICES (Completion Cost)	**2,222.24**	**175.66**	**-**	**245.25**	**294.44**	**234.99**	**510.24**	**480.08**	**281.59**	**2,222.24**		1.079714016

1.3	**TAXES & DUTIES**											
1.3.1	EXCISE DUTY	-										
1.3.2	Custom Duty	-										
1.3.3	Central Sales Tax	-										
1.3.4	SERVICE TAX	-										
1.3.5	GST ON SUPPLY OF EM EQUIPMENTS	2,299.77	184.48	-	35.14	190.44	132.65	781.85	670.40	304.81	2,299.77	-
			184.48	-	36.31	201.07	143.01	860.38	752.71	347.91	2,525.86	
			8.02%	*0.00%*	*1.53%*	*8.28%*	*5.77%*	*34.00%*	*29.15%*	*13.25%*	*100.00%*	1.00
1.3.6	GST ON SERVICES	370.47	30.81	-	42.62	49.86	38.56	83.69	78.74	46.19	370.47	-
			30.81	-	44.04	52.64	41.57	92.09	88.41	52.72	402.30	
			8.32%	*0.00%*	*11.50%*	*13.46%*	*10.41%*	*22.59%*	*21.26%*	*12.47%*	*100.00%*	1.00
	TOTAL TAXES & DUTIES (Present Day Cost)	**2,670.24**	**215.29**	**-**	**77.75**	**240.30**	**171.21**	**865.54**	**749.15**	**351.01**	2,670.24	
	TOTAL TAXES & DUTIES (Completion Cost)	**2,928.16**	**215.29**	**-**	**80.36**	**253.71**	**184.58**	**952.48**	**841.12**	**400.63**	**2,928.16**	
1.4	**OVERHEADS**											
1.4.1	ESTABLISHMENT	1,008.47	-	151.27	151.27	151.27	151.27	151.27	151.27	100.85	1,008.47	
			-	166.10	166.10	166.10	166.10	166.10	166.10	110.73	1,107.34	
			0.00%	*15.00%*	*15.00%*	*15.00%*	*15.00%*	*15.00%*	*15.00%*	*10.00%*	1.00	
1.4.2	AUDIT & ACCOUNT	84.79	-	12.72	12.72	12.72	12.72	12.72	12.72	8.48	84.79	
			-	14.38	14.38	14.38	14.38	14.38	14.38	9.59	95.87	
			0.00%	*15.00%*	*15.00%*	*15.00%*	*15.00%*	*15.00%*	*15.00%*	*10.00%*	1.00	
1.4.3	CONTINGENCIES	168.08	-	25.21	25.21	25.21	25.21	25.21	25.21	16.81	168.08	
			-	28.76	28.76	28.76	28.76	28.76	28.76	19.17	191.74	
			0.00%	*15.00%*	*15.00%*	*15.00%*	*15.00%*	*15.00%*	*15.00%*	*10.00%*	1.00	
1.4.4	TOOLS & PLANTS	84.04	-	12.61	12.61	12.61	12.61	12.61	12.61	8.40	84.04	
			-	14.38	14.38	14.38	14.38	14.38	14.38	9.59	95.87	
			0.00%	*15.00%*	*15.00%*	*15.00%*	*15.00%*	*15.00%*	*15.00%*	*10.00%*	1.00	
	TOTAL (OVERHEADS)	**1,345.38**	**-**	**201.81**	**201.81**	**201.81**	**201.81**	**201.81**	**201.81**	**134.54**	1,345.38	
		1,490.82	**-**	**223.62**	**223.62**	**223.62**	**223.62**	**223.62**	**223.62**	**149.08**	**1,490.82**	
	TOTAL (E & M)	**18,842.23**	**1,410.72**	**201.81**	**711.39**	**1,776.42**	**1,323.69**	**5,873.14**	**5,110.54**	**2,434.52**	**18,842.23**	
		20,664.95	**1,415.19**	**223.62**	**750.83**	**1,888.10**	**1,437.20**	**6,463.23**	**5,723.89**	**2,762.89**	**20,664.95**	20,664.95 **check**
	TOTAL (E & M) In Rs. Crores (Present Day)	**188.42**	**14.11**	**2.02**	**7.11**	**17.76**	**13.24**	**58.73**	**51.11**	**24.35**	**188.42**	
	TOTAL (E & M) In Rs. Crores (Completion)	**206.65**	**14.15**	**2.24**	**7.51**	**18.88**	**14.37**	**64.63**	**57.24**	**27.63**	**206.65**	

IDC CALCULATION

Name of Project:		2X23MW Khandong Power Station
	Rate of Interest	% Share
Equity	0%	30%
Loan	8.00%	70%

Yearwise Expenditure	Phasing of Civil & HM Hard Cost (Rs. Lakh)	Phasing of E&M Hard Cost (Rs. Lakh)	Phasing of Total Hard Cost (Rs. Cr.)	Financing Charge	Equity Contribution	Loan Contribution	IDC	Equity share of IDC	Loan share of IDC	Cumulative Equity Share	Cumulative Loan share	
Expenditure Zero Date	381.16	1,415.19	17.96		17.96					17.96	0.00	100.000%
6 Months (Apr 22-Sep22)	86.30	223.62	3.10		0.00	3.10	0.06	0.02	0.04	17.98	3.14	85.123%
6 Months (Oct-22- Mar23)	513.85	750.83	12.65		0.00	12.65	0.38	0.11	0.27	18.10	16.05	52.988%
6 Months (Apr23-Sep-23)	522.69	1,888.10	24.11		0.00	24.11	1.12	0.34	0.79	18.43	40.95	31.041%
6 Months (Oct23-Mar24)	1,349.54	1,437.20	27.87		7.74	20.13	2.04	0.61	1.43	26.79	62.50	30.000%
6 Months (Arp24-Sep24)	2,697.94	6,463.23	91.61		27.48	64.13	3.78	1.13	2.65	55.41	129.28	30.000%
6 Months (Oct-24-Mar25)	3,656.12	5,723.89	93.80		28.14	65.66	6.48	1.95	4.54	85.49	199.48	30.000%
4 Months (Apr25-Jul25)	495.09	2,762.89	32.58		9.77	22.81	5.62	1.69	3.94	96.95	226.22	30.000%
	9,702.69	20,664.95	303.68				19.50					

Hard Cost:	303.68	Lakh	
IDC:	19.50	Lakh	
Total Cost:	323.17	Lakh	
Residual Value:	31.01	Lakh	
Grand Total:	354.18	Lakh	

Equity	96.95	30.00%
Loan	226.22	70.00%
Total incl. IDC	323.17	

Tariff Calculation Sheet

Name of Project: **Khandong Power Station (2X23MW)**

Annual Design Energy (MU)		**217.00**
Auxiliary Loss (%)		**1.20%**
Free Power		**12.00%**
Net Saleable Energy (MU)		**188.67**
Cost of R&R (Rs.crore)		**0.00**
Discounting factor		**9.25%**
Land Cost (Rs. Crores)		**0.00**
No. of years		**40.00**

Cost incl IDC and Residual Cost (Rs. Cr)		**354.18**
Cost incl IDC (Rs. Cr)		**323.17**
Equity (excl Residual value) (Rs. Cr)		**96.95**
Equity with 50% of Residual Cost (Rs. Cr)		**112.46**
IDC (Rs Cr)		**19.50**
Interest on W.C.		**11.92%**
Depreciation Year		**18**
Depreciation rate		**3.89%**
O&M Escalation		**5.47%**
Lev Tariff (Rs./unit)		**4.33**
FY Tariff (Rs./unit)		**3.97**

Loan (Rs. Cr.)		**226.22**
Loan Interest		**8.00%**
O&M Charges		**5.00%**
Return on Equity (RoE)		**17.00%**
MAT first 5 yrs		**17.47%**
Corporate Tax balance 35 yrs		**34.94%**
Gross ROE with MAT		**20.60%**
Gross ROE with Corporate Tax		**26.13%**

Residual Cost (Rs. Cr)

Gross value		**136.21**
Depreciable value		**122.59**
Accumulated Depn. till 31.03.2022		**105.20**
Remaining dep. (residual) value		**17.39**
Remaining residual value		**31.01**
Equity on residual value		**15.50**

Year	Loan & Bond	Loan Repayment (Rs Cr)	Interest on Loan (Rs Cr)	Depreciation (Rs Cr)	Depreciation - Old useful assets at residual value (Rs Cr)	RoE (Rs Cr)	RoE - Old useful assets at residual value (Rs Cr)	O & M Charges (Rs Cr)	Interest on Working Capital (Rs Cr)				Annual Fixed Charges (Rs Cr)	Tariff (Rs/unit)	Discounted Tariff (Rs/unit)	Discount Rate
									O&M for one month	45 day's receivable	Spares	Interest on Working Capital				
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**
1	226.22	16.05	17.46	12.57	3.48	19.97	3.19	16.73	1.39	9.37	2.51	1.58	74.98	3.97	3.97	1.00
2	210.18	16.05	16.17	12.57	3.48	19.97	3.19	17.65	1.47	9.33	2.65	1.60	74.64	3.96	3.62	0.92
3	194.13	16.05	14.89	12.57	3.48	19.97	3.19	18.62	1.55	9.29	2.79	1.63	74.34	3.94	3.30	0.84
4	178.08	16.05	13.60	12.57	3.48	19.97	3.19	19.63	1.64	9.26	2.95	1.65	74.10	3.93	3.01	0.77
5	162.04	16.05	12.32	12.57	3.48	19.97	3.19	20.71	1.73	9.24	3.11	1.68	73.92	3.92	2.75	0.70
6	145.99	12.57	11.18	12.57		25.33	4.05	21.84	1.82	9.59	3.28	1.75	76.72	4.07	2.61	0.64

7	133.43	12.57	10.17	12.57		25.33	4.05	23.03	1.92	9.62	3.46	1.79	76.95	4.08	2.40	0.59
8	120.86	12.57	9.17	12.57		25.33	4.05	24.29	2.02	9.66	3.64	1.83	77.24	4.09	2.20	0.54
9	108.29	12.57	8.16	12.57		25.33	4.05	25.62	2.14	9.70	3.84	1.87	77.61	4.11	2.03	0.49
10	95.72	12.57	7.16	12.57		25.33	4.05	27.03	2.25	9.76	4.05	1.91	78.05	4.14	1.87	0.45
11	83.15	12.57	6.15	12.57		25.33	4.05	28.50	2.38	9.82	4.28	1.96	78.57	4.16	1.72	0.41
12	70.59	12.57	5.14	12.57		25.33	4.05	30.06	2.51	9.90	4.51	2.02	79.18	4.20	1.59	0.38
13	58.02	12.57	4.14	12.57		25.33	4.05	31.71	2.64	9.98	4.76	2.07	79.87	4.23	1.46	0.35
14	45.45	12.57	3.13	12.57		25.33	4.05	33.44	2.79	10.08	5.02	2.13	80.66	4.28	1.35	0.32
15	32.88	12.57	2.13	12.57		25.33	4.05	35.27	2.94	10.19	5.29	2.20	81.55	4.32	1.25	0.29
16	20.31	12.57	1.12	12.57		25.33	4.05	37.20	3.10	10.32	5.58	2.26	82.54	4.37	1.16	0.27
17	7.75	12.57	0.31	12.57		25.33	4.05	39.23	3.27	10.48	5.89	2.34	83.84	4.44	1.08	0.24
18	0.00	12.57	0.00	12.57		25.33	4.05	41.38	3.45	10.72	6.21	2.43	85.76	4.55	1.01	0.22
19	0.00	0.00	0.00	2.94		25.33	4.05	43.64	3.64	9.79	6.55	2.38	78.35	4.15	0.84	0.20
20	0.00	0.00	0.00	2.94		25.33	4.05	46.03	3.84	10.11	6.90	2.48	80.84	4.28	0.80	0.19
21	0.00	0.00	0.00	2.94		25.33	4.05	48.55	4.05	10.43	7.28	2.59	83.47	4.42	0.75	0.17
22	0.00	0.00	0.00	2.94		25.33	4.05	51.21	4.27	10.78	7.68	2.71	86.24	4.57	0.71	0.16
23	0.00	0.00	0.00	2.94		25.33	4.05	54.01	4.50	11.15	8.10	2.83	89.16	4.73	0.67	0.14
24	0.00	0.00	0.00	2.94		25.33	4.05	56.96	4.75	11.53	8.54	2.96	92.24	4.89	0.64	0.13
25	0.00	0.00	0.00	2.94		25.33	4.05	60.08	5.01	11.94	9.01	3.09	95.49	5.06	0.61	0.12
26	0.00	0.00	0.00	2.94		25.33	4.05	63.36	5.28	12.37	9.50	3.24	98.92	5.24	0.57	0.11
27	0.00	0.00	0.00	2.94		25.33	4.05	66.83	5.57	12.82	10.02	3.39	102.54	5.43	0.54	0.10
28	0.00	0.00	0.00	2.94		25.33	4.05	70.48	5.87	13.29	10.57	3.55	106.35	5.64	0.52	0.09
29	0.00	0.00	0.00	2.94		25.33	4.05	74.34	6.19	13.80	11.15	3.71	110.38	5.85	0.49	0.08
30	0.00	0.00	0.00	2.94		25.33	4.05	78.41	6.53	14.33	11.76	3.89	114.62	6.08	0.47	0.08
31	0.00	0.00	0.00	2.94		25.33	4.05	82.69	6.89	14.89	12.40	4.07	119.09	6.31	0.44	0.07
32	0.00	0.00	0.00	2.94		25.33	4.05	87.22	7.27	15.48	13.08	4.27	123.81	6.56	0.42	0.06
33	0.00	0.00	0.00	2.94		25.33	4.05	91.99	7.67	16.10	13.80	4.48	128.79	6.83	0.40	0.06
34	0.00	0.00	0.00	2.94		25.33	4.05	97.02	8.09	16.76	14.55	4.70	134.04	7.10	0.38	0.05
35	0.00	0.00	0.00	2.94		25.33	4.05	102.33	8.53	17.45	15.35	4.93	139.58	7.40	0.37	0.05
36	0.00	0.00	0.00	2.94		25.33	4.05	107.92	8.99	18.18	16.19	5.17	145.42	7.71	0.35	0.05
37	0.00	0.00	0.00	2.94		25.33	4.05	113.83	9.49	18.95	17.07	5.42	151.58	8.03	0.33	0.04
38	0.00	0.00	0.00	2.94		25.33	4.05	120.05	10.00	19.76	18.01	5.69	158.07	8.38	0.32	0.04
39	0.00	0.00	0.00	2.94		25.33	4.05	126.62	10.55	20.62	18.99	5.98	164.93	8.74	0.30	0.03
40	0.00	0.00	0.00	2.94		25.33	4.05	133.55	11.13	21.52	20.03	6.28	172.15	9.12	0.29	0.03
															49.63	**11.47**

Khangdong 50 MW & Kopili Stg-II 25 MW

Amount in Rs

	FY 2020-21	KHANDONG- 50MW	STAGE-II- 25 MW		
A	GROSS BLOCK	1,95,89,53,107.01	1,00,41,28,002.48	195.90	Gross
B	ACCUMULATED DEPRECIATION	1,51,98,56,821.50	48,41,69,163.00	176.31	Depreciable value
C	**Net BLOCK AS ON 31.03.2021 (A-B)**	**43,90,96,285.51**	**51,99,58,839.48**	151.99	Dep. Charged
				24.32	Remaining dep. (residual) value
	FY 2021-22 (after incident)			43.91	Remaining residual value
A	GROSS BLOCK #	1,36,21,34,040.73	83,97,96,573.65		
B	ACCUMULATED DEPRECIATION	1,05,20,35,767.91	41,21,30,753.87	136.21	Gross
C	**Net BLOCK AS ON 31.03.2022 (A-B)**	**31,00,98,272.82**	**42,76,65,819.79**	122.59	Depreciable value
				105.20	Dep. Charged
	Equity as on 31.03.2022 (1:1)	**15,50,49,136.41**	**21,38,32,909.89**	17.39	Remaining dep. (residual) value
				31.01	Remaining residual value

Including addition during the year and provision for write-off of incident

1	Addition in Gross Bolck	2,27,94,625.00	37,79,540.00
2	Loss of Gross Block due to incident	(61,96,13,691.28)	(16,81,10,968.83)
3	Loss of depreciation due to incident	(55,39,91,013.71)	(8,79,19,514.14)

Fwd: Submission of construction schedule and the Phasing of Civil and HM works cost for 2X23 MW Khandong HPS under Restoration & RM-Reg.

emdne Guwahati < em.dne@neepco.co.in >

Wed, 23 Apr 2025 11:31:38 AM +0530

To "Head Of Project , KHEP NEEPCO, PAID"<hopkhep@neepco.co.in>,"khephop" <khephop@gmail.com>,"hop_khep"<hop_khep@rediffmail.com>,"hsmkhepneepco" <hsmkhepneepco@gmail.com>

Cc "abhi.kal72"<abhi.kal72@gmail.com>

Sir,

Kindly refer to the trailing mail from Thermal Civil Design, CEA.

Point no. 1 in the referred e-mail is being looked into by D&E.

It is requested that the replies to point no. 2, 3, 4 & 6 may be provided from the project.

Reply to point no. 5 shall be prepared by D&E after getting the above details from the project.

Thanking you,

Regards,
N J Medhi, DGM (E/M)
Design & Engineering Wing
3rd Floor, NEEPCO Bhawan,
R. G. Baruah Road, Sundarpur,
Guwahati- 781005, Assam
Website: www.neepco.co.in

From: "CEHETD" <hetdcea@nic.in>
To: "emdne Guwahati" <em.dne@neepco.co.in>
Cc: "CEHETD" <hetdcea@nic.in>, "Pradeep Kumar Shukla" <pkshuklacea@nic.in>, "Mukesh Kumar" <kumar.mukesh788@nic.in>, "ashokkumar cea" <ashokkumar.cea@gov.in>, "Kumari Kalpana" <kalpana@neepco.co.in>
Sent: Monday, April 21, 2025 11:04:19 AM
Subject: Submission of construction schedule and the Phasing of Civil and HM works cost for 2X23 MW Khandong HPS under Restoration & RM-Reg.

Sir,

Kindly Refer to trailing mail vide which TCD Division, CEA has submitted their comments/observations on the Construction schedule and phasing of Civil and HM works cost under the Restoration and Renovation & Modernization (R&M) of the 2X23 MW Khandong Hydro Power Station. It is requested to submit point-wise reply on the same for further necessary action.

Regards

Dev Kishan Chouhan
Deputy Director
HETD&RM Division
CEA

========== Forwarded message ==========
From: Thermal Civil Design CEA <tcdcea@nic.in>
To: "CE HETD"<hetdcea@nic.in>
Cc: "Rajeev Singhal"<rajeevsinghal-cwc@nic.in>, "Amit Kumar DIRECTOR"<amitkumar-cwc@nic.in>
Date: Thu, 17 Apr 2025 17:56:56 +0530
Subject: Re: Submission of construction schedule and the Phasing of Civil and HM works cost for 2X23 MW Khandong HPS under Restoration & RM-Reg.
========== Forwarded message ==========

Sir,

With reference to the trailing email, the phasing of cost for Civil and HM works under the Restoration and Renovation & Modernization (R&M) of the 2X23 MW Khandong Hydro Power Station has been forwarded to this Division for examination and clearance. In this context, the following observations are submitted:

1. The Revised Cost Estimate (RCE) for the Civil and Hydro-Mechanical (HM) works under the RM of the Khandong Stage-I Power Station, amounting to Rs. 89.32 Crore (March 2023 PL), was vetted by this Division vide letter dated 07.07.2023. However, the current proposal outlines the cost phasing at the completion level for Civil and HM works based on the March 2023 Price Level (PL), treating it as the present day level and July 2025 as completion date. Therefore, the current proposal may not reflect the actual expenditure from March 2023. Consequently, this phasing at the completion level may not be appropriate.

2. For appropriate cost updation, the Revised Cost Estimate (RCE) may be submitted along with subhead-wise copies of RA bills for expenditure incurred up to 31.03.2025. Additionally, a written summary of the remaining/balance works, subhead-wise, may be provided. Further, subhead-wise cost details of the balance works, along with supporting documents (e.g., LoAs, quotations, rate analysis, etc.), may be provided.

3. An approved and signed copy of the latest BOQ (as per approved MOC) for all items under each subhead may be submitted. Further, item-wise rate justifications and supporting documents may be provided by the project authority. In case of quantity variations beyond the approved MOC, approval from the competent authority may be provided.

4. Details of pending audit observations raised by Independent Auditors/CAG, if any, may be furnished.

5. A detailed calculation of escalation on balance quantities if any, may be provided.

6. A certificate stating that the quantities executed/to be executed, as considered in the cost estimate, are as per the approved drawings may be submitted by the Project Authority.

Regards,

CD Division,
CEA, New Delhi

---- On Mon, 07 Apr 2025 11:29:46 +0530 **CE HETD <hetdcea@nic.in>** wrote ---

Sir,

Kindly Refer to trailing mail vide which NEEPCO has submitted construction schedule and the Phasing of Civil and HM works cost for R&M and restoration works of 2X23 MW Khandong HPS. The same is being forwarded for your kind perusal and approval Please. The copy of vetted Civil and HM cost of R&M works by CD division vide letter dated 07.07.2023 is enclosed .

Regards

Dev Kishan Chouhan
Deputy Director
HETD&RM Division, CEA

Intercom -2147

========== Forwarded message ==========
From: CE HETD <hetdcea@nic.in>
To: "Dev Kishan Chouhan"<dev.kishan@gov.in>, "Ashok Kumar"<ashokkumar.cea@gov.in>
Cc: "Mukesh Kumar"<kumar.mukesh788@nic.in>
Date: Tue, 25 Mar 2025 17:37:34 +0530
Subject: Fwd: Submission of Tariff Calculation for 2X23 MW Khandong HPS under Restoration & RM
========== Forwarded message ==========

========== Forwarded message ==========
From: emdne Guwahati <em.dne@neepco.co.in>
To: "CEHETD"<hetdcea@nic.in>
Cc: "Kumari Kalpana"<kalpana@neepco.co.in>
Date: Tue, 25 Mar 2025 17:21:29 +0530
Subject: Submission of Tariff Calculation for 2X23 MW Khandong HPS under Restoration & RM
========== Forwarded message ==========

Sir,

The computation of estimated completion cost and tariff for Restoration, Renovation & Modernization of 2X23 MW Khandong Power House of Kopili HEP of NEEPCO, along with supporting documents are attached herewith for your kind perusal and further needful please.

--
Regards,
N J Medhi, DGM (E/M)
Design & Engineering Wing
2nd Floor, NEEPCO Bhawan,
R. G. Baruah Road, Sundarpur,
Guwahati- 781005, Assam
Website: www.neepco.co.in

--
Regards,
Design & Engineering Wing
2nd Floor, NEEPCO Bhawan,
R. G. Baruah Road, Sundarpur,
Guwahati- 781005, Assam
Website: www.neepco.co.in

नॉर्थ ईस्टर्न इलैक्ट्रिक पावर कॉरपोरेशन लि.
NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
(भारत सरकार का उद्यम)/(A Government of India Enterprise)
एनटीपीसी लिमिटेड की पूर्ण स्वामित्व वाली सहायक कंपनी/A wholly owned subsidiary of NTPC Ltd
कोपिली हाइड्रो पावर स्टेशन/ KOPILI HYDRO POWER STATION
संयंत्र प्रमुख का कार्यालय / O/o THE HEAD OF PLANT
Email id: hopkhep@neepco.co.in , khephop@gmail.com

ANNEXURE-H

ISO 9001: 2015
ISO 14001: 2015
ISO 45001: 2018

No. NEEPCO/KHPS/HOP/W-26/2025-26/ 98-107 Dated 11.07.2025

To,

1. The Member Secretary NERPC, CEA, NERPC Complex, Lapalang, P.O: Rynjah, Shillong=793006, mail: nerpc@ymail.com
2. The Executive Director, NERLDC, Grid Controller of India, scde@grid-india.in
3. The Managing Director AEGCL, Bijuli Bhawan, Guwahati -78100, mail: sldcassam@aegcl.co.in, managing.director@aegcl.co.in
4. The Managing Director APDCL Bijuli Bhawan, Guwahati -781001, mail: md.apdcl@apdcl.gov.in
5. The Director Technical, TSECL, Agartala- 799001, mail: sod.tsecl@gmail.com, tsecl_sldc@rediffmail.com,
6. The Director (Distribution), MeECL, Lumgingshai, Short Round Road Shillong- 793001, mail: acec.meecl-meg@nic.in
7. The Managing Director MSPDCL, Electricity Complex Keishampat, Imphal-795001, mail: md.mspdcl@gmail.com, sldcmanipur@gmail.com
8. The Chief Engineer (WE Zone), Department of Power, Govt. of Arunachal Pradesh, Itanagar-791111, mail: sldcitanagar@gmail.com
9. The Engineer-in-Chief (P&E), Department of Power, Govt. of Mizoram, Aizawal-796001. mail: sldc_mizoram@rediffmail.com,
10. The Chief Engineer(P), Department of Power, Govt of Nagaland, Kohima-797001, mail: cepower1@gmail.com, nagalandsldc@gmail.com.

Sub: Declaration of COD of Unit # 1 of 2X23 MW Khandong Power Station, KHPS, Umrongso, Assam (NEEPCO)

Ref: 1. Our Trial Run Notice vide e-mail dated 24.06.2025
2. Our Letter No. KHPS/KhPS/NEEPCO/KhPS/FTC/2025-26/167 Dated 08.07.2025
3. Our Letter No. KHPS/KhPS/NEEPCO/KhPS/FTC/2025-26/168 Dated 08.07.2025
4. NERLDC Approval No: NERLDC/MO/FTC/20/8029 Dated 11.07.2025

Sirs,

With reference to the above, we are pleased to state that we, NORTH EASTERN ELECTRIC POWER CORPORATION LTD, has successfully completed the trial run of Unit-1 with installed capacity 23 MW of our 2x23 MW Khandong Power Station, KHPS for a period of 12 hours w.e.f. 15:15 Hrs of 06.07.2025 to 04:00 Hrs of 07.07.2025, as per CERC regulation which has been duly accepted by Grid Controller of India Ltd. (NERLDC) vide letter dated 11-07-2025 referred at Sl. No. 04 above.

We, therefore, declare the Commercial Operation of Unit-1 of Khandong Power Station w.e.f. 00.00 hours of 13.07.2025 and intimation is given hereby to schedule the Unit-1 accordingly as per IEGC 2023 Clause 27.b(i).

We request your kind cooperation in this regard.
Thanking you,

Yours faithfully

(Ashim Jyoti Bordoloi)
CGM (Tech) & HOP
Kopili Hydro Power Station

भारत सरकार Government of India
विद्युत मंत्रालय Ministry of Power
उत्तर पूर्वी क्षेत्रीय विद्युत समिति
North Eastern Regional Power Committee
एन ई आर पी सी कॉम्प्लेक्स, डोंग पारमाओ, लापालाङ, शिल्लोंग-७९३००६, मेघालय
NERPC Complex, Dong Parmaw, Lapalang, Shillong - 793006, Meghalaya
सत्यमेव जयते

Ph. No: 0364 - 2534077
Fax No: 0364 - 2534040
Website: www.nerpc.gov.in

ANNEXURE-I

No. NERPC/TCC & NERPC/2025/4317-4394 **Date:** 10th 03.2025

To:

1. Hon'ble Dy. Chief Minister & In-charge of Power, Govt. of Arunachal Pradesh, Itanagar - 791 111
2. Hon'ble Minister of Power, Govt. of Manipur, Imphal – 795 001
3. Hon'ble Minister of Power, Govt. of Meghalaya, Shillong – 793001
4. Hon'ble Minister of Power, Govt. of Mizoram, Aizawl - 796 001
5. Hon'ble Minister of Power, Govt. of Nagaland, Kohima - 797001
6. Hon'ble Minister of Power, Govt. of Tripura, Agartala-799001
7. Member (GO&D), CEA, Sewa Bhavan, R. K. Puram, New Delhi - 110 066
8. Commissioner & Secretary (Power), Govt. of Arunachal Pradesh, Itanagar – 791 111
9. Principal Secretary (Power), Govt. of Assam, Dispur, Guwahati - 781 006
10. Commissioner & Secretary (Power), Govt. of Manipur, Imphal - 795001
11. Commissioner & Secretary (Power), Govt. of Meghalaya, Shillong - 793001
12. Commissioner & Secretary (Power), Govt. of Mizoram, Aizawl - 796001
13. Principal Secretary (Power), Govt. of Nagaland, Kohima - 797001
14. Principal Secretary (Power), Govt. of Tripura, Agartala – 799001
15. Chairman, APDCL/AEGCL/APGCL, Bijuli Bhavan, Paltan Bazar, Guwahati - 781 001
16. CMD, MeECL (MePDCL/MePGCL/MePTCL), Lumjingshai, S. R. Road, Shillong - 793 001
17. Chairman, TSECL, Agartala - 799001
18. Managing Director, AEGCL, Bijuli Bhavan, Paltan Bazar, Guwahati - 781 001
19. Managing Director, APDCL, Bijuli Bhavan, Paltan Bazar, Guwahati - 781 001
20. Managing Director, APGCL, Bijuli Bhawan, Paltan Bazar, Guwahati – 781 001
21. Managing Director, TSECL, Agartala - 799001
22. Managing Director, TPGL, Agartala - 799001
23. Chairman & Managing Director, NEEPCO Ltd., Lower New Colony, Shillong - 793 003
24. Director (Technical), NHPC Ltd., NHPC Complex, Sector-33, Faridabad - 121 003
25. Director (Finance), NTPC Ltd. NTPC Bhawan, Scope Complex, Institutional Area, Lodhi Road – 03
26. Managing Director, OTPC, 6th Floor, A-Wing, IFCI Tower -61, Nehru Place, New Delhi - 110019
27. Director (Operation), POWERGRID, Saudamini, Plot No. 2, Sector-29, Gurgaon, Haryana – 122 001
28. CEO, NVVNL, Core 5, 3rd Floor, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi – 03
29. Chairman & Managing Director, PTC, NBCC Tower, 15 Bhikaji Cama, Place, New Delhi – 110066
30. COO, CTUIL, Plot No.2, sector-29, Gurgaon, Haryana – 122001
31. ED, NLDC, B/9, Qutub Institutional Area, Katwaria Sarai, New Delhi – 16
32. ED, NERLDC, Dongtieh-Lower Nongrah, Lapalang, Shillong- 793006
33. COO, ENICL, IndiGrid, Unit No. 101, Windsor, Off CST Road, Vidyanagari Marg, Kalina, Santacruz East, Mumbai 400 098

विषय/Sub: 28वीं टी.सी.सी और 28वीं एन.ई.आर पावर समिति की बैठकों का कार्यवृत्त / Minutes of the 28th TCC & 28th NER Power Committee Meetings – Reg.

महोदय/महोदया,

कृपया 20 और 21 फ़रवरी, 2025 को होटल रेडिसन ब्लू, गुवाहाटी में आयोजित 28वीं टी.सी.सी और 28वीं एन.ई.आर पावर समिति की बैठकों के कार्यवृत्त अपनी जानकारी और आवश्यक कार्रवाई के लिए प्राप्त करें। यह एन.ई.आर.पी.सी की वेबसाइट: www.nerpc.gov.in पर भी उपलब्ध है।

Sir/Madam,

Please find enclosed herewith the minutes of the 28h TCC and 28th NER Power Committee meetings held on 20th and 21st February'2025 respectively at Hotel Radisson Blu, Guwahati for your kind information and necessary action. The same is also available on NERPC website: www.nerpc.gov.in.

भवदीय/Yours faithfully,

किशोर जगताप

(के. बी. जगताप /K. B. Jagtap)
सदस्य सचिव/Member Secretary

Copy to:

1. PS to Chairman, NERPC and Hon'ble Power Minister, Govt. of Assam, Dispur.

Copy for kind information

1. Director (Distribution), MePDCL, Lumjingshai, S.R. Road, Shillong – 793 001
2. Director (Generation), MePGCL, Lumjingshai, S.R. Road, Shillong – 793 001
3. Director (Transmission), MePTCL, Lumjingshai, S.R. Road, Shillong – 793 001
4. Managing Director, MSPCL, Electricity Complex, Keishampat, Imphal – 795 001
5. Managing Director, MSPDCL, Secure Office Bldg. Complex, Near 2nd MR Gate, Imphal – 795 001
6. Director (Tech.), TSECL, Bidyut Bhaban, Banamalipur, Agartala -799 001.
7. Director (Generation), TPGL, Bidyut Bhaban, Banamalipur, Agartala -799 001.
8. GM (Transmission), TPTL, Bidyut Bhaban, Banamalipur, Agartala -799 001.
9. Executive Director (O&M), NEEPCO Ltd., Lower New Colony, Shillong-793003.
10. Regional ED (East –II), NTPC, 3rd Floor, OLIC Bldg., Pl No- N.17/2, Nayapalli, Bhubaneswar-12
11. Executive Director, NERTS, PGCIL, Lapalang, Shillong - 793006
12. Executive Director (O&M), NHPC, NHPC Office Complex, Faridabad-121003.
13. Executive Director (Marketing), PTC, NBCC Tower, 15 Bhikaji Cama, Place, New Delhi – 110066
14. Chief Engineer (GM), CEA, 6th Floor, Sewa Bhawan, R.K.Puram New Delhi-110066.
15. Engineer-in-Chief, P&E Dept., Govt. of Mizoram, Aizawl – 796 001
16. Engineer-in-Chief, Dept. of Power, Govt. of Nagaland, Kohima – 797 001.
17. Chief Engineer (TPMZ), Department of Power, Govt. of Arunachal Pradesh, Itanagar- 1
18. Chief Engineer (WEZ), Department of Power, Govt. of Arunachal Pradesh, Itanagar- 1
19. Chief Engineer (EEZ), Department of Power, Govt. of Arunachal Pradesh, Itanagar- 1
20. Chief Engineer (Commercial) -cum- CEI, Deptt. of Power, Govt. of Arunachal Pradesh, Itanagar- 11
21. VP (Plant), OTPC, Palatana, P.O Udaipur, Gomati Dist., Tripura – 799105
22. GM (BD), NVVNL, Core 5, 3rd Floor, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi-3
23. CGM, AEGCL, Bijuli Bhawan, Paltan Bazar, Guwahati – 781 001
24. CGM, APGCL, Bijuli Bhawan, Paltan Bazar, Guwahati – 781 001
25. CGM, APDCL, Bijuli Bhawan, Paltan Bazar, Guwahati – 781 001
26. CGM (LDC), SLDC Complex AEGCL, Kahelipara, Guwahati-781019.
27. Head of SLDC, Dept. of Power, Govt. of Arunachal Pradesh, Itanagar-791111
28. Head of SLDC, Dept. of Power, Govt. of Manipur, Keishampat, Imphal-795001
29. Head of SLDC, MeECL, Lumjingshai, S.R. Road, Shillong-793001
30. Head of SLDC, P&E Dept., Govt. of Mizoram, Aizawl-796001
31. Head of SLDC, Dept. of Power, Govt. of Nagaland, Dimapur
32. Head of SLDC, TSECL, Agartala – 799001
33. ED, NLDC, Grid-India, B-9 (1st Floor), Qutab Institutional Area, Katwaria Sarai, New Delhi-16
34. Dy. COO, CTUIL, Plot No.2, Sector-29, Gurgaon, Haryana-122001
35. Executive Director, NERLDC, Grid-India (POSOCO), Lapalang, Shillong – 793006
36. Head & VP- Regulatory & Contracts, ENICL, Windsor Building, Near Raheja Centre Point, Off CST Road, Kalina, Santacruz (East), Mumbai-400098

Special Invitee(s):

1. Member Secretary, ERPC, 14 – Golf Club Road, Tollygunge, Calcutta – 700 033
2. Member Secretary, NRPC, NRPC Complex, 18-A, S.J.S. Marg, Katwaria Sarai, New Delhi – 16
3. Member Secretary, WRPC, MIDC Area, Marol, Andheri (E), Mumbai – 400 093
4. Member Secretary, SRPC, 29 – R.C. Cross Road, Bangalore – 560 009
5. Chief Engineer (NPC), CEA, Sewa Bhavan, R. K. Puram, New Delhi – 110066

Non-member participants:

1. Head, Transmission, KMTL, 7th Floor, Fulcrum, Sahar Road, Andheri (E), Mumbai-400099
2. Head (O&M), MUML, 9th Floor, Udyog Vihar Phase 3, Gurugram, Harayana-122008
3. MD, NETC, 3rd Floor, DMRC Building, Dwarka Sector-21, New Delhi-77

किशोर जगताप

सदस्य सचिव/Member Secretary



भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

उत्तरपूर्वी क्षेत्रीय विद्युत समिति

North Eastern Regional Power Committee

MINUTES

OF

28TH TCC & NERPC MEETINGs

(UNDER THE AEGIS OF PTC India Ltd)

Venue	**:**	**Radisson Blu Hotel, GUWAHATI**
Date (TCC & NERPC)	**:**	**February 20th & 21st, 2025**

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In the 222nd OCC meeting of NERPC NERLDC presented the study regarding the requirement of reactors and their impact on grid voltage particularly for 400 kV Balipara-BNC corridor. The study also highlighted that the line reactor (switchable) at Balipara end is necessary to maintain the grid voltage once Lower Subansiri HEP comes into service.

The forum agreed in principle to the proposed number of spare reactors at different locations and further deliberations shall follow in commercial subcommittee meeting.

In 54th CCM, CC forum noted and in principle agreed the proposal of NERTS for spares transformers & reactors and recommended to place the matter before next RPC for information/approval. The expenditure will be booked under PoC Mechanism.

Deliberation of the TCC:

TCC, in principle, agreed to the proposal and referred it to NERPC for approval.

Deliberation of the NERPC:

NERPC forum noted and approved the recommendation of TCC.

Member(GO&D), CEA suggested that PGCIL may explore the possibility of ER and NER common assets inventory for spare.

3.10. Provisional Tariff for Khandong Hydro Power Station (2x50MW=50MW) after Reconstruction, Renovation and Modernization: NEEPCO

After completion of Reconstruction, Renovation and Modernization of the 2x50 MW Kopili Hydro Power Station, 1st Unit of the is scheduled for commissioning in the month of May 2025 and last unit in the month of July 2025.

Consent for undertaking the Reconstruction, Renovation & Modernization works of the Power Station with levelized tariff over the expected 25 years useful life of Rs. 3.24/unit has been conveyed by all the beneficiaries.

However, after certain modifications in the DPR due to submergence of the Power Station, cost for R&M has increased substantially and accordingly the tariff is expected to increase from the previously calculated value. The revised Civil and E/M cost has already been approved by the CEA and the approval of IDC &IEDC is awaited as on date. Further, a Petition has already been filed before the Hon'ble CERC for approval of the DPR.

Application for determination of tariff shall be filed before the Hon'ble Commission on completion of the works as per the Regulation 9 of the Central Electricity Regulatory Commission (Terms and condition of Tariff) Regulations, 2024. However, till determination of tariff by CERC, it is proposed that a provisional Tariff of Rs.3.24/unit as agreed by the beneficiaries be adopted by the House for the purpose of billing for power supplied from the Power Station from COD till issuance of tariff by CERC. The proposal for billing at the proposed provisional tariff of Rs. 3.24/kWh is subject to suitable adjustment on determination of final tariff by CERC.

Therefore, the proposal is placed for deliberation and approval in the house under the aegis and guidance of NERPC.

In 54th CCM, CGM(Comml.), NEEPCO informed the forum that 1st Unit of the Khandong HEP is scheduled for commissioning in the month of May, 2025 and last unit in the month of July, 2025. He further informed that the application for determination of tariff shall be filed before the Hon'ble Commission on completion of the works as per the Regulation 9 of the CERC (Terms and condition of Tariff) Regulations, 2024. However, till determination of tariff by CERC, it is proposed that a provisional Tariff of Rs.3.24/unit as agreed by the beneficiaries be adopted by the House for the purpose of billing for power supplied from the Power Station from COD till issuance of tariff by CERC. The proposal for billing at the proposed provisional tariff of Rs. 3.24/kWh is subject to suitable adjustment on determination of final tariff by CERC.

After detailed deliberation forum agreed for the provisional tariff of Rs. 3.24/kWh, which is subject to suitable adjustment on determination of final tariff by CERC.

Deliberation of the TCC:

TCC forum in principle, agreed for the provisional tariff of Rs. 3.24/kWh, which is subject to suitable adjustment on determination of final tariff by CERC and recommended to NERPC forum for approval.

Deliberation of the NERPC:

NERPC forum noted and approved the recommendation of TCC.

3.11. Proposal to include NETC as permanent member of NERPC: NERPC

North East Transmission Company Ltd. (NETC) is one of the transmission licenses operating in the North Eastern Region. NETC has the following shareholders:

- OTPC-26%
- PGCIL-26%
- AEGCL-13%
- Govt. of Tripura-10%
- Govt. of Nagaland-4%
- Govt. of Mizoram-10%
- Govt. of Manipur-6%
- Govt. of Meghalaya-5%

From the above it has found that NETC is a kind of PSUs which has more than 50% share of CPSUs.

As per Ministry of Power resolution dated 25th May 2005 "A representative of every transmission licensee including deemed licensees operating in the region will be the member of RPCs. In view of the above it is proposed to include NETC as permanent member of NERPC as NETC falls under the category of PSU.

MS NERPC stated that as per MoP resolution NETC will be member of RPCs as it having share of 52% from PSU.

NETC representative agreed for NERPC proposal to NETC as permanent member.

ANNEXURE-J

भारत सरकार
Govt. of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
जल विद्युत परियोजना मूल्यांकन प्रभाग
Hydro Project Appraisal Division

विषय: Updated Report on Power Optimisation Study of Khandong System (Khandong Power Station and Kopili Stage-II HEP) under Renovation & Modernisation and Life extension works of Khandong Power Station (2x23 MW), Umrongso, Assam

संदर्भ: एच.ई.आर&एम प्रभाग का दिनांक 25.08.2021 का पत्र।

उपरोक्त विषय के संदर्भ में एच.पी.ए प्रभाग का पत्र संलग्न है।

संलग्न: उपरोक्त

Signature Not Verified
Digitally signed by ASHISH KUMAR LOHIYA
Date: 2021.09.14 13:55:22 IST

(**आशीश कुमार लोहिया**)
उप निदेशक (**एच.पी.ए**)

मुख्य अभियंता (एच.ई.आर&एम प्रभाग), के.वि.प्रा.

प्रतिलिपि :

कार्यकारी निदेशक (सी), डिज़ाइन एवं इंजीनियरिंग, नॉर्थ ईस्टर्न इलेक्ट्रिकल पावर कॉरपोरेशन लिमिटेड, तल मंज़िल, नीपको भवन, आर.जी.बरुआ रोड, सुंदरपुर, गुवाहाटी, असम-781005.

भारत सरकार
Govt. of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
जलविद्युत परियोजना मूल्यांकन प्रभाग
Hydro Project Appraisal Division

Subject: Updated Report on Power Optimisation Study of Khandong System (Khandong Power Station and Kopili Stage-II HEP) under Renovation & Modernisation and Life extension works of Khandong Power Station (2x23 MW), Umrongso, Assam

Reference is invited to HER&M Division letter dated 25.08.2021 forwarding therewith M/s NEEPCO Ltd. letter no. NEEPCO/GHY/D&E/T-53/2021-22/293 dated 18.08.2021 enclosing therein Updated Report on Power Optimisation Study of Khandong System (Khandong Power Station and Kopili Stage-II HEP) in respect of the Renovation & Modernisation and Life Extension works of Khandong Power Station (2x23 MW) in Umrongso, Assam by M/s North East Electric Power Corporation Ltd. (NEEPCO) for examination and vetting of CEA.

The PPS Report has been examined and installed capacity of **46 MW for Khandong Power Station and 23 MW for Kopili St-II HEP** is found to be in order with combined design energy as **292.0 MU**. The various parameters considered are as under:

Sl. No.	Parameters	Vetted by CEA	
		Khandong Power Station	**Kopili St-II HEP**
1.	Installed Capacity	**46 MW**	**23 MW**
2.	FRL (m)	725.0 m	
3.	MDDL (m)	1. EL.707.4 m when all 3 machines are running 2. EL. 705.1 m during lean season when 2 machines are running	
4.	Maximum Head Loss	19.0 m	
5.	TG efficiency	87.90% (conditional)	86.79%
6.	Design Energy Benefit	217.0 MU	75.0 MU
7.	Plant Load Factor	53.85%	37.32%

However, the installed capacity and energy benefits are subject to following conditions:

1. Vetting of Combined efficiency of T-G by HE&TD Division, CEA.

2. HCD (NW&S) Dte, CWC vide letter dated 15.12.2020 opined that due to ageing of concrete, acidic environment and reported loss of mass in concrete lining, increasing the discharge through WCS beyond design discharge of 85.5 cumec is not advisable.

3. Operating levels in the reservoir as mentioned in HCD (NW&S) Dte, CWC letter dated 05.08.2021.

सेवा भवन, आर.के.पुरम, नई दिल्ली -110066 – टेलीफैक्स: 011-26190731 ईमेल: hpaone-cea@gov.in वेबसाइट: www.cea.nic.in
SewaBhawan, RK Puram, New Delhi-110066 – Telefax-011-26190731 Email: hpaone-cea@gov.in Website: www.cea.nic.in

Further, the installed capacity and energy benefits may be reviewed on account of following:

1. Change in various operating levels (FRL, MDDL, TWL) etc, if any.
2. Change in Water Conductor System Losses, if any.
3. Consequential change in Design Head, if any.
4. Change of Combined efficiency of TG, if any.
5. Change of Layout Plan, if any.

This issues with the approval of competent authority.

Sd/-
(Ashish Kumar Lohiya)
Deputy Director(HPA)

Chief Engineer (HER&M), CEA

Dated: 14.09.2021

Copy to: Executive Director (C), Design & Engineering, NEEPCO Ltd., Ground Floor, NEEPCO Bhawan, R. G. Road, Sundarpur, Guwahati, Assam-781005.

CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

Petition No.189/MP/2022

Coram:

Shri I.S. Jha, Member

Shri Arun Goyal, Member

Shri Pravas Kumar Singh, Member

Date of Order: 25th October 2023

In the matter of:

Petition under Sections 62 and 79 (1) of the Electricity Act, 2003 read with related provisions of the Chapter-5 of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and Regulation 27(1) of the Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2019 for approval of proposal for Reconstruction, Renovation & Modernization for life extension beyond the normal useful life in respect of Kopili Power Station (4x50 MW = 200 MW) of North Eastern Electric Power Corporation Limited (NEEPCO), Shillong.

And

In the matter of

North Eastern Electric Power Corporation Limited,

Corporate Office: Brookland Compound,

Lower New Colony, Shillong 793 003, Meghalaya. .....Petitioner

Vs

1. Chairman

   Assam Power Distribution Company Limited,

"BijuleeBhawan", Paltanbazar,
Guwahati 781 001, Assam.

2. Chairman & Managing Director,
Meghalaya Power Distribution Corporation Limited, Lumjinshai, Short Round Road,
Shillong -799001, Meghalaya.

3. Deputy General Manager, Commercial & System Operation,
Tripura State Electricity Corporation Limited,
Bidyut Bhavan, North Banamalipur,
Agartala -799 001, Tripura.

4. The Engineer-in-Chief,
Power & Electricity Department,
Government of Mizoram,
New Secretariat Complex, Kawlphetha, Aizwal- 796001

5. The Managing Director,
Manipur State Power Distribution Company Limited,
3rd Floor, New Directorate Building, Near 2nd M.R Gate,
Imphal- Dimapur Road, Imphal- 795001, Manipur.

6. Chief Engineer (Power),
Department of Power, Bidyut Bhawan,
Government of Arunachal Pradesh,
Itanagar-791111, Arunachal Pradesh.

7. The Chief Engineer (Power),
Department of Power,
Government of Nagaland,

Electricity House, A G Colony.
Kohima- 797001, Nagaland.

8. Member Secretary,
North Eastern Regional Power Committee,
NERPC Complex, Dong Parmaw,
Lapalang, Shillong-793006, Meghalaya.

9. Executive Director,
North Eastern Regional Load Despatch Centre,
Dongtieh, Lower Nongrah,
Lapalang, Shillong -793006, Meghalaya. **…….Respondents**

Parties Present:

Shri Susanta Deka, NEEPCO
Shri Ripunjoy Bhuyan, NEEPCO
Ms. Elizabeth Prybot, NEEPCO
Shri S. Deka, NEEPCO
Shri R. Bhuyan, NEEPCO
Ms. Elizabeth Pyrbot, NEEPCO

ORDER

The Petitioner, North Eastern Electric Power Corporation Limited (NEEPCO) has filed the present petition seeking the following reliefs:

a) *Approve the Detailed Project Report on Reconstruction; Renovation & Modernization for Life Extension of the 4x50 MW Kopili Power Station with an* ***estimated project cost of Rs 1045.75 crore*** *and which include Hard Cost of Rs.824.12 Crore and Rs.53.95 crore as IDC and residual value of the old asset as Rs.167.68 Crore.*

b) *Adjust the filing fees deposited against Petition no 717/MP/2020 vide UTR no SBINR12020110400073130 dated 04.11.2020 for an amount of Rs.3,00,000.00 only.*

Background:

2. The Kopili Hydroelectric Power Station (4x50 MW = 200 MW) (Kopili HPS), a Hydro-Electric Power Station located in the Dima Hasao District of Assam is owned and operated by NEEPCO.

3. The Kopili Hydroelectric Power Station comprises of three power stations, namely Kopili Power Station (4x50 MW), Khandong Power Station (2x25 MW) and Kopili Power Station Stage II (1X25 MW). Initially, the Plant was of the capacity of 150 MW i.e. (2X50MW) in Kopili Power Station and (2X25 MW) in Khandong Power Station. Later on, (2X50 MW) were added to Kopili Power Station as KHEP First Stage Extension in the year 1997. In addition, 1X25 MW Khondong Stage-II Power station was added to the project with date of commissioning on 26.07.2004. The date of commercial operation of the units of the Kopili Power Station (4x50 MW), and the corresponding unit capacities are indicated in the table below:

Unit No.	Date Of Commercial Operation	Unit Capacity
Unit I	05.07.1988	50 MW
Unit II	22.07.1988	50 MW
Unit III	01.05.1997	50 MW
Unit IV	12.07.1997	50 MW
Station COD	**12.07.1997**	

4. The Petitioner has filled present Petition for approval of Reconstruction, Renovation & Modernization (R&M) for Life Extension of the 4x50 MW Kopili Power Station.

5. The Petitioner had filed Petition No. 717/MP/2020 for approval of Reconstruction, R&M in respect of Kopili Power Station (4x50 MW). However, Commission vide order dated 19.7.2021 had disposed of the above petition as CEA's vetting on DPR was awaited and observed that it would be appropriate to consider the matter regarding approval of the DPR on Reconstruction, R&M for life extension of Kopili Power Station (4 x 50 MW) only after the report of CEA is received. Accordingly, on a specific observation by the Commission the representative for the Petitioner agreed to the same.

6. With regard to R&M Regulation 27 of 2019 Tariff Regulations, provides as under:

> *''27. Additional Capitalisation on account of Renovation and Modernisation (1) The generating company or the transmission licensee, as the case may be, intending to undertake renovation and modernization (R&M) of the generating station or unit thereof or transmission system or element thereof for the purpose of extension of life beyond the originally recognised useful life for the purpose of tariff, shall file a petition before the Commission for approval of the proposal with a* ***Detailed Project Report*** *giving complete scope, justification,* ***cost-benefit analysis****,* ***estimated life extension from a reference date****,* ***financial package****, phasing of expenditure,* ***schedule of completion****, reference price level, estimated completion cost including foreign exchange component, if any, and any other information considered to be relevant by the generating company or the transmission licensee:*
>
> *Provided that the generating company making the applications for renovation and modernization (R&M) shall not be eligible for Special Allowance under Regulation 28 of these regulations;*
>
> *Provided further that the generating company or the transmission licensee intending to undertake renovation and modernization (R&M) shall be required to* ***obtain the consent of the beneficiaries*** *or the long term customers, as the case may be, for such renovation and modernization (R&M) and submit the same along with the petition.*

(2) Where the generating company or the transmission licensee, as the case may be, makes an application for approval of its proposal for renovation and modernisation (R&M), approval may be granted after due consideration of reasonableness of the proposed cost estimates, financing plan, schedule of completion, interest during construction, use of efficient technology, cost-benefit analysis, expected duration of life extension, consent of the beneficiaries or long term customers, if obtained, and such other factors as may be considered relevant by the Commission.

……..."

Submissions by the Petitioner

7. The Petitioner has submitted that CEA has given its concurrence to the Detailed Project Report (DPR) and accordingly, the instant petition has been filed. The Petitioner has submitted as under:

I. Justification for Reconstruction, Renovation & Modernization

a) Clause 73 under Regulation 3 of the Tariff Regulations, 2019 states as below:

"Useful Life' in relation to a unit of a generating station, integrated mines, transmission system and communication system from the date of commercial operation shall mean the following:

(a) Coal/Lignite based thermal generating station 25 years
(b) Gas/Liquid fuel based thermal generating station 25 years
(c) AC and DC sub-station 25 years
(d) Gas Insulated Substation (GIS) 25 years
(e) Hydro generating station including pumped storage hydro generating stations 40 years
(f) Transmission line (including HVAC & HVDC) 35 years
(g) Communication system 15 years

Provided that the extension of life of the projects beyond the completion of their useful life shall be decided by the Commission on case to case basis;"

II. Units 1 and 2 of Kopili PS have been in operation for more than 32 years and units 3 and 4 have completed 23 years of operation.

III. **Devastation of Kopili PH**: In the early morning of 7th October, 2019, an unfortunate incident of penstock rupture occurred, causing complete inundation of the power house in mud and water and loss of four lives. As the Penstock Protection Butterfly Valve was damaged and rendered inoperable by the incident, the flow of water could not be controlled and it continued till 12th October, 2019, when the intake gate could be finally lowered with great difficulty under heavy water flowing conditions. The impact of the rupture caused the hills on the upstream side to be washed away, filling up the machine dome in the power house and the water flowing at the EOT crane beam level. The Generating Transformers Switch yard was also completely covered by mud and sand to a height of 2-3 meters. The power house approach roads also have been completely washed away. As a result of this incident the entire generating plant has been rendered completely inoperable and beyond restoration.

IV. Even before this unfortunate incident, since 2006 the power house had been operating in extremely acidic environment, with the pH value of reservoir water feeding the plant ranging between 2.8 to 5.44, causing extensive damage to the underwater metallic parts. As the machines were not designed to operate under such acidic conditions, the plant availability and generation had gone down considerably. Formation of sulphuric acid in some parts of the upper catchment area due to the oxidation and hydration of pyrites that are exposed to atmosphere by human activities and leaching of the acid into the surface and sub-surface flow that join the reservoir was inferred as a reason of the acidity. GSI study conducted earlier revealed that the sub-water sheds on western side of the Kopili Catchment at upstream of the Khandong Dam is contributing most in contaminating water in the area and making it acidic. Thus, the aforesaid sub-water shed appears to have

already become environmental hot spot over an unknown period. GSI has identified unscientific extraction of coal in the catchment area as primary reason for this acidic nature of water.

V. The Plant started to get impaired to a certain extent due to reservoir acidity problem, which was first detected in 2006 when Geological Survey of India (GSI) was drafted by NEEPCO to find out the causes of some damages to the project. Multidisciplinary team of experts from CWC, CEA, CSMRS visited Kopili HEP in 2009 and suggested different measures to cope up with the problem, including replacement of the metallic parts with parts made of acid resistant materials.

VI. Moreover, being top bracketed high speed machines (600 rpm), the units of Kopili have experienced quite a few unique problems like Labyrinth Failure, Resonance, failure of brake track etc.

VII. Due to long operation over three decades, the operating efficiency of the machines had deteriorated. The generating units have got de-rated and the condition of their auxiliaries, instruments, protective relays & control equipment have deteriorated to such an extent that the combined output of the power plants have fallen below the nameplate capacity with all units running (including the 25 MW Kopili – II unit which is fed by the same Water Conductor System). The units were operating at 100% gate opening to achieve 67-68 MW against the rated Installed Capacity of 75 MW at FRL i.e. 725.00M. The units with 100% gate opening are not able to respond to grid codes like Primary Response, RGMO, AGC (Automatic Generation Control) etc.

VIII. Moreover, the adverse condition of the equipment is leading to frequent breakdowns, resulting in relatively low plant load factor. Thus, a need is established to suitably refurbish

& modernize the units to obtain the desired output along with life extension of machine & plant and adoption of modern technologies for better control and monitoring.

IX. Following problems are being faced at the power station, causing frequent outages of the generating units, which in turn is leading to substantial wastage of available water power potential:

- Excessive wear & tear and erosion / damages of underwater parts due to both ageing and acidic reservoir water. Deterioration of the underwater parts is a major factor for the inefficient operation of the power plant.
- Inefficient / old design / obsolete valve, MIV, turbines and generators.
- Old type Governors.
- Unreliable functioning of Hydro-Mechanical equipment.
- Inefficient utilization of water.
- Non-availability of spare parts of outdated systems and equipment.
- Because of less efficiency, inability to adhere to latest Indian Grid Code, like primary response etc.
- After complete submergence of the Power House on 07/10/2019, most of the Electro Mechanical equipment are totally damaged, and repairing is not a feasible solution.
- Low overall efficiency of the plant, due to ageing, acidic corrosion, extensive repairing work in underwater parts etc.

X. Therefore, the need for Reconstruction, Renovation and Modernization of the Kopili PH can be summarized as below:

- Deterioration of plant components due to ageing

- Damage of equipment due to complete inundation of the Power House in mud, sand and water for prolonged period
- Deterioration of plant components due to Acidic corrosion
- Loss of performance/ Efficiency
- Life Extension
- Adoption of modern Technology

XI. Some of the major outages suffered by the Plant since 2004 due to the above mentioned reasons are detailed at paragraph 1.3 of Chapter 1 of the DPR.

XII. CEA guidelines on the "Best Practices & Bench Marking for Hydro" under Chapter 7, Renovation, and Modernisation & Up-rating of hydro power plants stipulate that by undertaking timely R&M & Life extension program, the generating plant can be made to operate for an extended period of 20-25 years with improved reliability and availability.

XIII. Regulations 27 (1) and 27 (2) of the Tariff Regulations, 2019 state as follows:

> *"27.* ***Additional Capitalisation on account of Renovation and Modernisation***
> *(1) The generating company or the transmission licensee, as the case may be, intending to undertake renovation and modernization (R&M) of the generating station or unit thereof or transmission system or element thereof for the purpose of extension of life beyond the originally recognised useful life for the purpose of tariff, shall file a petition before the Commission for approval of the proposal with a Detailed Project Report giving complete scope, justification, cost-benefit analysis, estimated life extension from a reference date, financial package, phasing of expenditure, schedule of completion, reference price level, estimated completion cost including foreign exchange component, if any, and any other information considered to be relevant by the generating company or the transmission licensee:*
> *Provided that the generating company making the applications for renovation and modernization (R&M) shall not be eligible for Special Allowance under Regulation28 of these regulations;*
>
> *Provided further that the generating company or the transmission licensee intending to undertake renovation and modernization (R&M) shall be required to obtain the consent of the*

beneficiaries or the long term customers, as the case may be, for such renovation and modernization (R&M) and submit the same along with the petition.

(2) Where the generating company or the transmission licensee, as the case may be, makes an application for approval of its proposal for renovation and modernisation(R&M), approval may be granted after due consideration of reasonableness of the proposed cost estimates, financing plan, schedule of completion, interest during construction, use of efficient technology, cost-benefit analysis, expected duration of life extension, consent of the beneficiaries or long term customers, if obtained, and such other factors as may be considered relevant by the Commission."

8. Against the above background, the Petitioner has prepared a Detailed Project Report (DPR) on Reconstruction, Renovation & Modernization for life extension of the Kopili Power Station. The Petitioner now humbly takes the liberty to submit this Petition before the Commission for approval of the DPR.

XV. Although components like Dam and spillway repair, repairs of HRT, replacement of both penstocks, repair of intake gates, spillway gates, draft tube gates, various hoists etc. shall also be taken up during Reconstruction/ R&M, however, predominantly Electro-mechanical equipment of power station are proposed to be replaced (although certain components like spiral casing etc. is to be retained & refurbishment is envisaged in a number of components) in "Reconstruction, Renovation & Modernisation program of Kopili power station".

XVI. Consent for undertaking the Reconstruction, Renovation & Modernization works has been sought for from the beneficiaries of the Plant i.e. Respondents at Sl. Nos. 1 to 7 mentioned above. Consent has been received from all the above mentioned beneficiaries.

XVII. The Board of Directors of NEEPCO at its 260th Meeting held on 15.09.2020 approved the DPR on Reconstruction, Renovation and Modernization for Life Extension of the Kopili

Power Station with an estimated cost of Rs.854.85 crore (including IDC and financing charges of Rs.42.20 crore).

XVIII. Scope of Work and Justifications for the Proposed Reconstruction and R&M Activities

The scope of work and justification for the same is discussed in detail in Chapter – III of the DPR.

XIX. Installed Capacity & Design Energy

The original installed capacity of the Plant is 200 MW (50 MWx4) with an annual Design Energy of 1034 MUs. However, Hydro Project Appraisal Division, CEA letter dated 05.03.2021 approved the revised Design Energy of 993.80 MUs for the plant.

XX. Estimated Project Completion Cost

In the submitted DPR the cost the project has been estimated at March 2020 Price Level with a construction period of 24 months. The estimated present day cost of the project is Rs.1117.07 crore, including Rs.870.76 crore of Hard Cost and Rs.47.21 crore as IDC at March 2020 Price Level, a lump sum provision of Rs.2.0 crore is kept towards financial charge and a residual cost of Rs.197.10 crore is estimated.

XXI. CEA has approved the cost as under:

I. Hydro Project Appraisal Division, CEA vide letter dated 22.03.2021 has vetted the E&M Cost for Rs. 391.11 Crore at January 2021 price level.

II. CEA's Hydro Engineering and Renovation and Modernisation Division vide its letter no. 132/2 (NEEPCO-Kopili) 2021/HE&RM/CEA dated 04.06.2021 based on recommendation of Thermal Civil Design Division, CEA letter dated

3.06.2021 has vetted the Civil and HM works Cost at Rs. 43300.67 lakhs at January 2021 Price level.

III. CEA's Hydro Engineering and Renovation and Modernisation Division vide its letter no. 132/2 (NEEPCO-Kopili) 2021/HE&RM/CEA/261 dated 21.06.2021 has given the concurrence to the DPR and vetted the hard cost (without IDC, FC) at Jan'2021 price level for Rs.82411.67 lakh.

IV. Vide CEA letter no. 13/2(NEEPCO-Kopili)/2021/HE&RM/CEA dated 20.06.2022, approved the IDC of Rs.53. 97 Crore i.e. Capital cost including IDC stands at Rs. 878.09 Crores (Rs.824.12+53.95 Crore). Further, residual value of the old asset has been estimated at Rs.167.68 Crore. Considering the approved capital cost and Tariff Regulation 2019, the 1st Year and levelised tariff is estimated as Rs. 2.37/unit and Rs. 2.39/unit. The abstract of cost estimate is shown below:

V.

Sl. No	Description	Submitted by NEEPCO (Rupees in Lakh)	Vetted by CEA (Rupees in Lakh)
I. Electro Mechanical Works			
1.	Plant & Machinery	26722.96	26722.96
2	Engg., Supervision, Detail Engineering , Model Testing of Turbine, Consultant Fees , technological know-how , project Management etc	3430.36	2341.19
3	GST on above service	5619.36	5553.20
4	Pre-operative and other expenses	3875.41	3581.42
5	Dismantling Charges	966.01	912.41
Total (E&M) Works		**40614.00**	**39111.00**
II. HM & Civil Works			
6	HM& Civil Works	43759.90	43300.67
Total Hard Cost (Rs. In Lakh)		**84373.90**	**82411.69**

IDC(In Lakh)		**5397.00***
Total R&M cost approved by CEA		**87808.69**
Residual Value of old Asset		**16768.00**
Grand Total (in Lakh)		**104576.69***

*The Petitioner has indicated total amount of Rs. 104574.69 lakh considering IDC of Rs.5395 lakh whereas CEA has vetted IDC Rs.5397 lakh and we have considered the same.

XXII. Project Completion Period

The Reconstruction, Renovation and Modernization project of Kopili Power Station is scheduled for completion in 24 months.

XXIII. Estimated Life Extension

The life of the generating station is estimated to be extended by 40 years from commissioning on completion of Reconstruction, Renovation and Modernization works.

XXIV. Project Financing

The project is proposed to be financed through loan at the rate of interest of 7.50 % p.a. For purpose of tariff calculations 70: 30 Debt: Equity ratio has been considered. No foreign financing is envisaged and hence FERV has not been taken into consideration.

XXV. Tariff

Taking into consideration all normative parameters as defined in the Tariff Regulations, 2019, the tariff works out as below:

1st year tariff = Rs. 2.37/kWh
Levellized tariff: - Rs 2.39/kWh

XXVI. Cost Benefit Analysis

On detailed analysis, it is seen that R&M work is extremely beneficial in comparison to construction of a new project of a similar size. The key comparisons are shown below:

i) Based on hydrological data (1998-99 to 2009-10) and restriction in discharge of HRT, up-rating of capacity of power plant is not envisaged. Therefore, the proposal is for power plant size of 200MW (4 x 50 MW) with optimized annual energy of 1034MU. The average generation by power plant in last 15 years is 823.96 MU. The plant has not been able to achieve its design energy most of the time.

   Considering historical average energy and annual generation as suggested by enclosed power potential and water availability study, (i.e. 1034MU in 90% dependable year at 95% machine availability) and there is likely benefit in annual generation of 210.04MU over the average achieved generation of last 15 years.

ii) The cost / MW for the proposed R&M works is about **Rs. 5.6 Crores per megawatt**, as against of about Rs.10.0 crore Per megawatt for new hydroelectric power plant of similar size.

iii) Post Restoration, R&M, the 1st year tariff of Power Station is expected to be Rs.2.39/kWh and the levelized tariff is likely expected to be Rs.2.37/kWh considering a debt-equity ratio of 70:30 and 12% free power to the home States.

iv) Levelized tariff for new project of similar size, considering present day cost of the project @ 10 crore per MW, works out to Rs. 5.0 /kWh

XXVII. Considering the above, it may be concluded that, it is highly economical to go for an extensive Reconstruction, Renovation and Modernization program for the 200 MW Kopili Power Station, which will not only provide reliable, environment friendly electric power to

the country, but also, the cost of production, after completion of the project will remain much lower than the average price of power in the present circumstances.

Replies and Rejoinders

Reply of Respondent No. 1 (APDCL)

9. The Respondent, APSCL vide its affidavit dated 27.3.2023 in reply to the petition has submitted as under:

a) The Petitioner has submitted the certificate to the effect that the assets claimed during additional capitalisation for the period 2014-19 got damaged during the inundation of Kopili Power House on 07/10/2019. Post inundation, under compulsion assets of similar nature are included in the proposed R&M works.

b) It seems that the Petitioner is of the view that amount of Rs 130.89 Cr claimed as additional capitalisation in the period 2014-19 can be claimed again by the Petitioner on the basis of the events in 2019-20. The Petitioner should submit item wise justifications of the assets which are claimed again along with substantial documentary evidence that those items were damaged in 2019.

c) Petitioner has failed to segregate the items it has claimed in the R&M Petition with the items already claimed as additional capital expenditure during the period 2014-19 (Petition No 370/GT/2019). As such, it is paramount that the Petitioner provides a comparative statement of the items/work to be claimed in the R&M Petition with the items already claimed in 2014-19.

d) The calculation of levelized tariff can only be considered when there is clarity whether the Petitioner has not claimed any items/works which were already being claimed in the Petition 370/GT/2019.

10. The Petitioner has not filed its rejoinder to above reply of APDCL.

Hearing dated 12.12.2022

11. The matter was heard and admitted on 12.12.2022. During the hearing, the representative of the Petitioner submitted that the present petition has been filed for approval of the proposal (DPR) towards R&M for life extension of the Kopili Power Station, beyond its normal useful life. On a specific query by the Commission as to whether the approval of cost by CEA and the consent of the beneficiaries for R&M have been obtained, the representative of the Petitioner affirmed the same.

Hearing dated 22.02.2023

12. The matter was again heard on 22.02.2023. Commission after hearing the parties reserved the matter in the petition and directed the Petitioner to submit the following additional information:

(a) Certificate to the effect that additional capitalization claimed during the period 2014-19 (in Petition No. 370/GT/2019) are not included under the scope of the proposed R&M works.
(b) Status of the R&M works (schedule of completion).
(c) Calculations for the residual value of Rs.16768.00 lakh, indicated for old asset.
(d) Calculations for levelized tariff (in MS excel)

13. The Petitioner vide affidavit dated 27.3.2023 in compliance to the above ROP of the hearing dated 22.02.2023, submitted the following additional information as under:

(a) A Certificate certifying that the additional capitalization claimed during the period 2014-19 (in Petition No. 370/GT/2019) are not included under the scope of the proposed R&M works. However, the assets claimed in the additional capitalization during the period 2014-19 got damaged during the inundation of Kopali Power House on 7/10/2019. Post inundation, under compulsion assets of similar nature are included in the present proposed R&M works.

(b) PERT / CPM chart for the R&M works: Schedule of balance works- Civil works start on 01.01.2021 and finish on 22.04.2023. HM works start on 10.09.2021 and finish on 07.03.2023. EM works start on 02.04.2021 and finish on 30.04.2023.

(c) Capital Cost as on the last date of operation and decapitalization of assets.

(d) The assumptions considered along with detailed computations for arriving at 1st year tariff (Rs.2.37/kWh) and levelized tariff (Rs.2.39/kWh).

Analysis & Decision

14. The submissions in the petition have been considered. With regard to renovation and modernization (R&M), Regulation 27 of 2019 Tariff Regulations provides as under:

> ***27. Additional Capitalization on account of Renovation and Modernisation***
> *(1) The generating company or the transmission licensee, as the case may be intending to undertake renovation and modernization (R&M) of the generating station or unit thereof or transmission system or element thereof for the purpose of extension of life beyond the originally recognised useful life for the purpose of tariff, shall file a petition before the Commission for approval of the proposal with a* ***Detailed Project Report giving complete scope****,*

***justification, cost-benefit analysis**, **estimated life extension from a reference date**, **financial package, phasing of expenditure, schedule of completion**, **reference price level**, **estimated completion cost including foreign exchange component**, if any, and any other information considered to be relevant by the generating company or the transmission licensee:*

Provided that the generating company making the applications for renovation and modernization (R&M) shall not be eligible for Special Allowance under Regulation28 of these regulations;

*Provided further that the generating company or the transmission licensee intending to undertake renovation and modernization (R&M) shall be required to obtain the **consent of the beneficiarie**s or the long term customers, as the case may be, for such renovation and modernization (R&M) and submit the same along with the petition.*

*(2) Where the generating company or the transmission licensee, as the case may be, makes an application for approval of its proposal for renovation and modernisation (R&M), approval may be granted after due consideration of **reasonableness of the proposed cost estimates**, **financing plan**, **schedule of completion, interest during construction, use of efficient technology, cost-benefit analysis, expected duration of life extension, consent of the beneficiaries or long term customers,** if obtained, and such other factors as may be considered relevant by the Commission.*

(3) In case of gas/ liquid fuel based open/ combined cycle thermal generating station after 25 years of operation from date of commercial operation, any additional capital expenditure which has become necessary for renovation of gas turbines/steam turbine or additional capital expenditure necessary due to obsolescence or non-availability of spares for efficient operation of the stations shall be allowed:

Provided that any expenditure included in the renovation and modernization (R&M) on consumables and cost of components and spares which is generally covered in the O&M expenses during the major overhaul of gas turbine shall be suitably deducted from the expenditure to be allowed after prudence check.

(4) After completion of the renovation and modernization (R&M), the generating company or the transmission licensee, as the case may be, shall file a petition for determination of tariff. Expenditure incurred or projected to be incurred and admitted by the Commission after prudence check, and after deducting the accumulated depreciation already recovered from the admitted project cost, shall form the basis for determination of tariff.

15. It is observed that the requirement for R&M of generating plants have been stressed by the CEA, the Ministry of Power, GOI and in the Tariff Policy prescribed by the Central Government from time to time. CEA has considered the "Renovation and Modernization of

Old Power Plants" as one of the best options to bridge the gap between demand and supply of power. It has also been stressed that the hydro plants which have completed their useful life shall undertake R&M for extending the life of the hydro plants, specially in view of the fact that newer capacity additions in hydro sector has slowed down in spite of various measures taken by MOP, GOI and this Commission to incentivize the hydro power plants. As per the requirement of Regulation 27(1) of the 2019 Tariff Regulations, the Petitioner has placed on record the DPR (CEA has given its concurrence to the DPR) which provides the complete scope of R&M works, justification, cost estimate, economic and financial evaluation, estimated life extension from a reference date, financial package, phasing of expenditure, schedule of completion and reference price level etc.

Issues for consideration

16. Based on the submissions of the parties and the documents available on record, the issues which emerge for consideration as per Regulation 27(2) of the 2019 Tariff Regulations are examined hereunder:

Issue No. (A): Reasonableness of the proposed cost estimates, IDC and Cost Benefit Analysis:

17. The Petitioner submitted that as per Chapter 7 (Renovation and Modernization and Up-rating of Hydro Power Stations) of '"Best practices in HE Power Generation" published by CEA, by undertaking timely RM&U & Life extension program, the generating plant can be made to operate for an extended period of 20-25 years with improved reliability and availability. The estimated completion cost of proposed Reconstruction, R&M of Kopili HPS is Rs. 1045.77 crore including CEA approved cost of Rs. 878.09 crore and residual value of old

asset of Rs. 167.68 crore. The capital cost has been worked out at January 2021 Price Level. The cost / MW for the proposed R&M works is about Rs. 5.6 crore per megawatt, as against of about Rs.10.0 crore per megawatt for new hydroelectric power plant of similar size. Post Restoration, R&M, the 1st year tariff of Power Station is expected to be Rs.2.37/kWh (based on CERC guidelines) and the levelized tariff is likely expected to be Rs.2.39/kWh considering a debt-equity ratio of 70:30 and 12% free power to the home States. Levelized tariff for new project of similar size, considering present day cost of the project at 10 crore per MW, works out to Rs. 5.0 /kWh The useful Life of the power station is estimated to be 40 years after completion of R&M works.

Analysis and decision:

18. We have considered the submissions of the Petitioner and the Respondent, APDCL. In our view, the projects which have outlived their useful life should go in for R&M activities to ensure improved reliability and availability. Allowing operation of the old generating station with reduced capacity may hamper reliability and availability of the generating station which in turn may require the beneficiaries to arrange costly power during the prolonged outages of the old generating station. In the instant case, the R&M proposal is before the completion of useful life due to the reasons such as incident of penstock rupture, operation in extremely acidic environment, deterioration in operating efficiency of the machines due to long operation over three decades. The generating units have got de-rated and the condition of their auxiliaries, instruments, protective relays & control equipment have deteriorated to such an extent that the combined output of the power plants have fallen below the nameplate capacity with all units running.

19. Consequent to the above, the Petitioner has submitted the DPR to CEA. CEA vide letter dated 21.06.2021 gave concurrence to the DPR and vetted the hard cost (without IDC, FC) at Jan 2021 price level for Rs. 824.12 crore. Further, CEA vide letter dated 20.06.2022, approved the IDC of Rs. 53.97 crore. As such, the total cost approved by CEA for R&M works out to Rs. 878.09 lakh.

20. We also note the observations of CEA in its letter dated 21.06.2021 that the proposal is primarily for replacement of electro-mechanical component of power station. The works like Dam and spillway repair, HRT repair, penstocks replacement, intake gates repair, draft tube gates repair, and repair of various hoists etc. shall also be taken up during Reconstruction and R&M. The beneficiaries would be availing the benefit of reliable power with peaking capability for 40 years at expected levelized tariff of around Rs 2.39/kWh (as indicated in the DPR/CEA approval), which is much less than the tariff of new hydro generating stations commissioned during recent times at capital cost ranging from Rs.6 crore/MW to Rs.12 crore/MW.

Issue No. (B): Extension of Life Post R&M:

21. The Petitioner has stated that life of the generating station is estimated to be extended by 40 years from commissioning on completion of Reconstruction, Renovation and Modernization works.

Analysis and Decision

22. Keeping in view that CEA had cleared the DPR for useful life of 40 years of the project, we allow the life extension of the Kopili HPS by 40 years.

Issue No. (C): Review of Design Energy (DE)

23. As regards DE, the Petitioner has submitted that CEA, vide its letter No. CEA-HY-12-33/2/2020 (dated 05.03.2021), approved the design energy of 993.80 MUs for Kopili HPS (200 MW) as against the existing DE of 1034 MUs.

Analysis & Decision

24. The matter has been considered. It is noticed that CEA considering the updated Power Potential Study of Kopili HPS and revised the Design Energy as 993.80 Mus. Accordingly, we allow the same.

Issue No. (D): Consent of the beneficiaries or long-term customers

With regard to obtaining the consent of the beneficiaries, the petitioner has submitted that consent for undertaking the Reconstruction, R&M works has been sought from the beneficiaries of the Plant.

25. The matter has been examined. The second proviso to Regulation 27(1) and Regulation 27(2) of the 2019 Tariff Regulations provides as under:

27(1) xxx
xxx
Provided further that the generating company or the transmission licensee intending to undertake renovation and modernization (R&M) shall be required to obtain the ***consent of the beneficiarie****s or the long-term customers, as the case may be, for such renovation and modernization (R&M) and submit the same along with the petition.*

(2) Where the generating company or the transmission licensee, as the case may be, makes an application for approval of its proposal for renovation and modernization (R&M), approval may be granted after due consideration of reasonableness of the proposed cost estimates, financing plan, schedule of completion, interest during construction, use of efficient technology, cost-benefit analysis, expected duration of life extension, ***consent of the beneficiaries or long term customers, if obtained****, and such other factors as may be considered relevant by the Commission"*

26. It is noticed from the submissions that, in terms of the second proviso, as quoted above, the Petitioner had sought the consent of the respondents for proposed Reconstruction, R&M work and same has been received from all the beneficiaries. However, Assam Power Distribution Company Ltd, Manipur State Power Distribution Company Limited, Power & Electricity Department, Government of Mizoram have granted their consent subject to the condition that R&M works would be completed by NEEPCO within scheduled completion date and the tariff proposed is upper ceiling and in no circumstances any escalation thereon would be permissible. Further, Tripura State Electricity Corporation Ltd has given its consent subject the condition that tariff should be within Rs. 2.62 per unit and any time and cost overrun and its impact on tariff would not be accepted by the same. We have considered the submissions. It is noticed that all the beneficiaries have given their consent for R&M of the instant generating station. However, with regard the comment of some beneficiaries regarding tariff, the Commission is of the considered view that tariff will be determined by the Commission based on the tariff petition filed for determination of tariff of the generating station, in terms of the prevailing Tariff Regulations.

Recommendations

27. Considering the above discussions, regarding the prayer (a) of the Petitioner for in-principle approval of R&M of the generating station, the Commission based on the Detailed Project Report vetted by CEA, approves the R&M for life extension of the 4x50 MW Kopili Power Station with an estimated project cost of Rs 878.09 crore (Rs. 824.12+53.97 Crore) including IDC of Rs. 53.97 crore as vetted by CEA along with life extension of the generating

station by 40 years. The revised Design Energy of the generating station after completion of RM&U shall be 993.80 MUs, as approved by the CEA. After completion of the said RM&U, the Petitioner shall file a petition for determination of tariff of the generating station, in terms of the Regulation 27(4) of the 2019 Tariff Regulations. As regards approval of residual value of the old asset, the Commission observes that treatment of residual value of the old asset would be a considered in the petition for tariff determination post R&M.

28. With regard to the contention of the Respondent APDCL, the Petitioner is directed to keep separate details for assets which were procured during 2014-19 tariff period and are also included in R&M scheme due damage caused during penstock failures. Also as per the conditional NOC given by the beneficiaries, the petitioner is directed to implement the R&M scheme within the scheduled completion date.

29. Further, with regard to tariff during the R&M period, it is observed that the Commission vide order dated 3.6.2016 in Petition No. 76/MP/2015 while approving the R&M proposal in respect of Bairasiul Power Station of the Petitioner had allowed the recovery of only two components of tariff namely, the O&M expenses and Interest on Loan during the period when the unit/station was under shut down, as provided to thermal generating stations executing R&M/LE program. Though the above proviso relates to thermal generating stations, the same is applicable to all generating stations /units thereof or the transmission systems. In terms of the said proviso, during the period of shutdown of the generating station or transmission system, as the case may be, due to R&M, the generating company or transmission licensee shall be allowed to recover part tariff which shall include only O&M expenses and interest on

loan. Accordingly, we direct that the Petitioner is entitled to recover tariff comprising only of O&M and interest on loan for the period units under the R&M.

30. For the purpose of billing for the period 2019-24, we direct that (i) the units shall be taken out for R&M during low inflow periods so as to minimize the loss of energy and (ii) the existing procedure of declaring capacity and energy generation based on water availability for the units, which are not in R&M, shall be followed as per Regulation 44 (2) and (3) of 2019 Tariff Regulations.

31. As regards the prayer (b) of the Petitioner, it is observed that the Commission vide Order dated 19.7.2021 in Petition No. 717/MP/2020 agreed to adjust the filing fees deposited by Petitioner in respect of Petition No 717/MP/2020 against the fresh petition, based on the report of CEA on DPR, to be filed by the Petitioner.

32. Petition No. 189/MP/2022 is disposed of in terms of above.

Sd/-	Sd/-	SD/d/-
(P. K. Singh)	**(Arun Goyal)**	**(I. S. Jha)**
Member	**Member**	**Member**

CERC Website S. No. 469/2023

NAVEEN BHARTIA & ASSOCIATES
CHARTERED ACCOUNTANTS

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To,
Khandong Hydro Power Station (2 X 23 MW),
North Eastern Electric Power Corporation Limited,
Umrangso,
Dima Hasao, Assam

INDEPENDENT PRACTITIONER'S CERTIFICATE

This is to certify that as per the trial balance and calculations produced before us, the **Statement of Capital Cost** (extract of Form 9E of Tariff Filing Forms-Hydro) of "North Eastern Electric Power Corporation Limited – Khandong Hydro Power Station (2 X 23 MW)" upto 30-09-2025 is as follows:

Sl. No.	Particulars	Unit I (COD 13-07-2025)	Unit II (COD 30-08-2025)
		(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)
a)	Opening Gross Block (Including Transfer from CWIP and Direct Purchases)	38998.83	52992.46
	Amount of IDC in (a) above	328.60	725.43
	Amount of IEDC in (a) above	6279.84	12977.71
b)	Deletion in Gross Block	0.00	0.00
c)	Closing Gross Block	38998.83	52992.46
	Amount of IDC in (c) above	328.60	725.43
	Amount of IEDC in (c) above	6279.84	12977.71

Restriction on use: This certificate is addressed to and provided to the Company solely for the purpose of filing Tariff Petition and should not be used by any other person or for any other purpose.

for Naveen Bhartia & Associates
Chartered Accountants
FRN: 330089E

Naveen Bhartia & Associates ★ Chartered Accountants ★ Guwahati

Naveen Bhartia
Proprietor
M. No.: 311914

Place: Guwahati
Date: 26th November, 2025
UDIN: 25311914BMUKPL8573

NAVEEN BHARTIA & ASSOCIATES
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To,
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North Eastern Electric Power Corporation Limited,
Umrangso,
Dima Hasao, Assam

INDEPENDENT PRACTITIONER'S CERTIFICATE

This is to certify that as per the trial balance and calculations produced before us, the **Statement of Capital Work in Progress (CWIP)** (extract of Form 9F of Tariff Filing Forms-Hydro) of "North Eastern Electric Power Corporation Limited – Khandong Hydro Power Station (2 X 23 MW)" upto 30-09-2025 is as follows:

Sl. No.	Particulars	Unit I (COD 13-07-2025) (Amount in ₹ Lakhs)	Unit II (COD 30-08-2025) (Amount in ₹ Lakhs)
a)	Opening Capital Work-in-Progress	0.00	0.00
b)	Addition in Capital Work-in-Progress	24700.97	13990.61
	Amount of IDC in (b) above	328.60	396.82
	Amount of IEDC in (b) above	6279.84	6697.87
c)	Transferred to Gross Block (Forming part of Opening Gross Block in Form 9E)	24700.97	13964.04
	Amount of IDC in (c) above	328.60	396.82
	Amount of IEDC in (c) above	6279.84	6697.87
d)	Deletion in Capital Work-in-Progress	0.00	0.00
e)	Closing Capital Work-in-Progress	0.00	26.57

Restriction on use: This certificate is addressed to and provided to the Company solely for the purpose of filing Tariff Petition and should not be used by any other person or for any other purpose.

for Naveen Bhartia & Associates
Chartered Accountants
FRN: 330089E

Naveen Bhartia & Associates ★ Chartered Accountants ★ Guwahati

Naveen Bhartia
Proprietor
M. No.: 311914

Place: Guwahati
Date: 26th November, 2025
UDIN: 25311914BMUKPM8186

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To,
Khandong Hydro Power Station (2 X 23 MW),
North Eastern Electric Power Corporation Limited,
Umrangso,
Dima Hasao, Assam

INDEPENDENT PRACTITIONER'S CERTIFICATE

This is to certify that as per the trial balance and calculations produced before us, the **Statement showing reconciliation of Additional Capital Expenditure (ACE) claimed with the capital additions as per books** (extract of Form 9C of Tariff Filing Forms-Hydro) of "North Eastern Electric Power Corporation Limited – Khandong Hydro Power Station (2 X 23 MW)" upto 30-09-2025 is as follows:

Sl. No.	Particulars	Unit I (COD 13-07-2025) (Amount in ₹ Lakhs)	Unit II (COD 30-08-2025) (Amount in ₹ Lakhs)
a)	Closing Gross Block as per IND AS	38998.83	52992.46
b)	Add/Less: Adjustments	0.00	0.00
c)	Closing Gross Block as per IGAAP	38998.83	52992.46
d)	Opening Gross Block as per IND AS (Including Transfer from CWIP)	38998.83	52992.46
e)	Add/Less: Adjustments	0.00	0.00
f)	Opening Gross Block as per IGAAP	38998.83	52992.46
g)	**Total Additions as per books (g = c - f)**	**0.00**	**0.00**
h)	Less: Additions pertaining to other Stages (give Stage wise breakup)	0.00	0.00
i)	**Net Additions pertaining to instant project/Unit/Stage**	**0.00**	**0.00**
j)	Less: Exclusions (items not allowable / not claimed)	0.00	0.00
k)	**Net Additional Capital Expenditure Claimed**	**0.00**	**0.00**

Restriction on use: This certificate is addressed to and provided to the Company solely for the purpose of filing Tariff Petition and should not be used by any other person or for any other purpose.

for Naveen Bhartia & Associates
Chartered Accountants
FRN: 330089E

Naveen Bhartia & Associates ★ Chartered Accountants ★ Guwahati

Naveen Bhartia
Proprietor
M. No.: 311914

Place: Guwahati
Date: 26th November, 2025
UDIN: 25311914BMUKPK3612

NAVEEN BHARTIA & ASSOCIATES
CHARTERED ACCOUNTANTS

CA Naveen Bhartia, F.C.A., B.Com, DISA (ICAI)

103, Suraj Market (1st Floor)
H.B. Road, Fancy Bazar
Guwahati – 781001
Phone : 8822252107 / 8638755422
Email : nba.guwahati@gmail.com

To,
Khandong Hydro Power Station (2 X 23 MW),
North Eastern Electric Power Corporation Limited,
Umrangso,
Dima Hasao, Assam

INDEPENDENT PRACTITIONER'S CERTIFICATE

This is to certify that as per the trial balance and calculations produced before us, Calculation of Depreciation (extract of per Form – 11 of Tariff Filing Forms-Hydro) of "North Eastern Electric Power Corporation Limited – Khandong Hydro Power Station (2 X 23 MW)" upto 30-09-2025 is as per **Annexure – I** attached herewith.

for Naveen Bhartia & Associates
Chartered Accountants
FRN: 330089E

Naveen Bhartia & Associates * Chartered Accountants * Guwahati

Naveen Bhartia
Proprietor
M. No.: 311914

Place: Guwahati
Date: 26th November, 2025
UDIN: 25311914BMUKPN3532

Annexure- I

Sl No.	Name of Assets	Residual Value of Old Assets as on 30-09-2022	Gross Block		Depreciation Rates	Depreciation Amount for each period	
			Unit I (COD 13-07-2025)	Unit II (COD 30-08-2025)	As per CERC's Depreciation Rate Schedule	Unit I (COD 13-07-2025)	Unit II (COD 30-08-2025)
1	Roads, bridges, culverts & helipads	77.53	77.53	77.53	3.34%	2.59	2.59
2	Main Plant Buildings	495.15	691.46	700.47	3.34%	23.09	23.40
3	Other Buildings	248.62	288.80	288.80	3.34%	9.65	9.65
4	Temporary erection	47.00	47.00	47.00	100.00%	47.00	47.00
5	Water supply, drainage & sewerage	17.94	33.46	33.46	5.28%	1.77	1.77
6	Railway siding	4.00	4.00	4.00	5.28%	0.21	0.21
7	Dam, Dyke, Reservoir & Other Hydraulic	11877.10	22542.64	23467.02	5.28%	1190.25	1239.06
8	Plant and machinery	551.54	14663.45	27715.69	5.28%	774.23	1463.39
9	Furniture and fixtures	2.83	3.61	3.61	6.33%	0.23	0.23
10	Other Office Equipments	2.72	13.79	13.79	6.33%	0.87	0.87
11	EDP, WP machines & SATCOM equipment	38.22	55.76	55.76	15.00%	8.36	8.36
12	Vehicles including speedboats	134.53	134.53	134.53	5.28%	7.10	7.10
13	Construction equipment	1.21	176.08	176.08	5.28%	9.30	9.30
14	Electrical installations	57.00	112.08	120.08	5.28%	5.92	6.34
15	Communication equipment	11.91	33.61	33.61	6.33%	2.13	2.13
16	Hospital equipment	1.00	1.00	1.00	5.28%	0.05	0.05
17	Laboratory and workshop equipment	6.81	13.46	13.46	5.28%	0.71	0.71

Naveen Bhartia & Associates Chartered Accountants Guwahati

Annexure- I

18	Other Equipments	27.97	94.66	94.66	100.00%	94.66	94.66
19	Low Value Assets	11.78	11.90	11.90	5.28%	0.63	0.63
	Total	**13614.88**	**38998.83**	**52992.46**		**2178.76**	**2917.45**

Note: The depreciation mentioned above represent amount calculated for full year on the Gross Block value without considering the actual duration (from the date of addition till end of financial year) of asset added during the year.

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for Naveen Bhartia & Associates
Chartered Accountants
FRN: 330089E

Naveen Bhartia & Associates * Chartered Accountants * Guwahati

Naveen Bhartia
Proprietor
M. No.: 311914

Place: Guwahati
Date: 26th November, 2025
UDIN: 25311914BMUKPN3532

NAVEEN BHARTIA & ASSOCIATES
CHARTERED ACCOUNTANTS

CA Naveen Bhartia, F.C.A., B.Com, DISA (ICAI)

103, Suraj Market (1st Floor)
H.B. Road, Fancy Bazar
Guwahati – 781001
Phone : 8822252107 / 8638755422
Email : nba.guwahati@gmail.com

To,
Khandong Hydro Power Station (2 X 23 MW),
North Eastern Electric Power Corporation Limited,
Umrangso,
Dima Hasao, Assam

INDEPENDENT PRACTITIONER'S CERTIFICATE

This is to certify that as per the trial balance and calculations produced before us, the **Statement of Capital Liability** (extract of Form 16 of Tariff Filing Forms-Hydro) of "North Eastern Electric Power Corporation Limited – Khandong Hydro Power Station (2 X 23 MW)" is as follows:

Sl. No.	Name of the Party	Liability		Discharges
		Unit I (COD 13-07-2025) As on 13-07-2025	Unit II (COD 30-08-2025) As on 30-08-2025	Unit I (COD 13-07-2025)
		(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)
1	Oceanic Tech Diving	3.83	0.00	3.83
2	Khagendra Hojai	0.10	0.10	0.00
3	Pranab Kumar Dihingi	0.12	0.12	0.00
4	Welson Millick	0.10	0.10	0.00
5	Rahim Uddin Khan	0.20	0.20	0.00
6	Ramsing Ronghi	3.56	2.95	0.61
7	Ramsing Ronghi	3.95	3.95	0.00
8	R.R.Engineering & Co	0.16	0.09	0.07
9	V.S.Manga hangsan	0.54	0.54	0.00
10	Aradhana Agency	56.91	0.65	56.27
11	Industro Industrial	0.45	0.45	0.00
12	Techno Trade	6.39	6.39	0.00
13	Mega Electricals	81.53	81.53	0.00
14	Technico(India) Pvt Ltd	61.30	61.30	0.00
15	VTR Infotech Private	0.59	0.59	0.00
16	Sumit Sharma	4.44	0.00	4.44
17	Ravi Brothers	5.87	5.87	0.00
18	Aditya Tech Mech	0.00	21.17	0.00
19	Biswajyoti Hojai	0.56	0.56	0.00
20	Rothianga Nampui	1.26	1.26	0.00
21	Gammon India Ltd	0.80	0.80	0.00
22	Vesperson Sutunga	0.04	0.04	0.00

Naveen Bhartia & Associates Chartered Accountants Guwahati

23	Aradhana Agency	0.74	0.74	0.00
24	Assam Petroleum Ltd	17.01	10.78	6.23
25	Animesh Enterprise	0.15	0.15	0.00
26	Andritz Hydro Pvt Lt	369.46	369.46	0.00
27	Aps Hydro Pvt Ltd	14.28	14.28	0.00
28	BHEL-Kolkata	8.91	8.91	0.00
29	Bidhulal Nunisa	0.56	0.56	0.00
30	BHEL-Noida	0.66	0.66	0.00
31	Birensing Engti	2.32	2.09	0.23
32	Bolon Enghee	0.19	0.19	0.00
33	Bijona Bodo	0.10	0.10	0.00
34	Chandan Hojai	0.26	0.26	0.00
35	Cee Dee Vacuum Equip	0.06	0.06	0.00
36	Creative Technocrats	0.05	0.05	0.00
37	Carmel Chinthong	0.05	0.05	0.00
38	Desho Daolagupu	12.58	12.58	0.00
39	Director Of Sainik W	1.68	1.68	0.00
40	Dabiang Lapasam	0.10	0.10	0.00
41	Debson Pumps	1.24	1.24	0.00
42	Electromech Engineer	0.57	0.57	0.00
43	Eastern Engineers	7.00	7.00	0.00
44	Ganga Joishi	6.31	10.33	0.00
45	Globex Steel	0.32	0.32	0.00
46	Hena Timungpi	0.27	0.27	0.00
47	Hydro Magus Pvt Ltd	17.52	17.52	0.00
48	Hoichunglien Khelma	0.10	0.10	0.00
49	Joysing Timung	0.66	0.66	0.00
50	Joython Longmailai	2.68	2.68	0.00
51	Joni Phonglo	0.38	0.38	0.00
52	Joysing Durang	0.05	0.05	0.00
53	Joydeep Langthasa	0.21	0.21	0.00
54	Jainson Industrial H	1.01	1.01	0.00
55	Jayashree Nunisa	0.00	2.36	0.00
56	Krishna Prasad Joshi	5.35	5.35	0.00
57	Krishna Joshi	0.13	0.13	0.00
58	Khagendra Hojai	6.83	1.66	5.17
59	Konecranes &Demag Pv	8.84	8.84	0.00
60	Krishna Generator Se	7.56	7.56	0.00
61	Karishma Beypi	0.19	0.19	0.00
62	Lok Bahadur Chetri	0.23	0.23	0.00
63	Mahendao Hasnu	0.30	0.30	0.00

Naveen Bhartia & Associates Chartered Accountants Guwahati

64	M/S A-Bud, Circular P	1.47	1.47	0.00
65	Menoka Devi Joshi	0.15	0.15	0.00
66	Muankin Vaiphei	0.06	0.06	0.00
67	Marleki Paslein	0.43	0.43	0.00
68	Manjuli Hasnu	0.09	0.09	0.00
69	Morning S Passah	0.57	0.57	0.00
70	Mukul Johori	0.64	0.64	0.00
71	Namrup Sales Corpora	0.00	12.49	0.00
72	Narayan Bahadur Chet	1.47	1.47	0.00
73	Om Metals Infraproject	34.15	34.15	0.00
74	PES Engineers Pvt. Ltd	11.68	39.12	0.00
75	Pranjana & Associate	0.35	0.35	0.00
76	Pogendra Daolagajao	0.83	0.16	0.67
77	Power Maker	1.42	1.42	0.00
78	Precision Surveying	0.22	0.22	0.00
79	Pankaj Jidung	1.12	1.12	0.00
80	Prapti Dibragede	0.10	0.10	0.00
81	Parag Kumar Das	0.10	0.10	0.00
82	R S Cooling Appliance	0.23	0.23	0.00
83	Rona Bhadra Hasnu	2.36	2.36	0.00
84	Rina Hagjer	0.05	0.05	0.00
85	Sudam Joshi	7.54	7.49	0.06
86	Suptd. Of Police Haflong	92.87	92.87	0.00
87	Sanjib Chetri	0.10	0.10	0.00
88	Somnath Upadhaya	0.10	0.10	0.00
89	Shree Om Tube Indutries	0.32	0.32	0.00
90	Safe Pro Fire	0.15	0.15	0.00
91	Sumit Sharma	0.55	0.55	0.00
92	Tarun Saikia	0.05	0.05	0.00
93	Tesla Transformers	1.63	1.63	0.00
94	Utpal Karigapsa	0.97	4.03	0.00
95	Universal Industrial	2.85	2.85	0.00
96	Welson Millick	0.40	0.13	0.26
97	Zeolite(India)Pvt Ltd	2.82	2.82	0.00
98	Dhigaur Pvt Ltd.	0.23	0.23	0.00
99	Kermingstar Sungoh	0.04	0.04	0.00
100	Rongoli Agencies	0.36	0.36	0.00
101	Borsong Ronghang	0.03	0.03	0.00
102	Rini Hagjer	0.03	0.03	0.00

Naveen Bharlia & Associates Chartered Accountants Guwahati

103	Ramsing Ronghi	0.62	5.44	0.00
104	Pulakesh Kakati	18.28	18.28	0.00
105	Abir Infrastructure	61.70	65.05	0.00
106	Suresh Chandra Pal	0.00	3.88	0.00
107	Daga Power Systems	0.69	0.69	0.00
108	Aradhana Agency	0.00	0.51	0.00
109	Sheikh Md. Khalique	1.51	1.51	0.00
110	Robinson Ronghang	1.25	1.25	0.00
111	Purneswar Basumatary	0.24	0.24	0.00
112	Ranjit Debnath	0.29	0.29	0.00
113	G Sara Naga	0.29	0.00	0.29
114	Mohan Kishore Sutrad	2.23	1.55	0.68
115	Mintu Kalita	0.00	0.10	0.00
116	Tuhin Tariang	0.00	0.00	0.00
117	Siva Das	0.26	0.00	0.26
118	Luhit Gayan	0.01	0.00	0.01
119	Kabita Das	0.00	0.40	0.00
120	Manas Pratim Sharma	0.10	0.09	0.01
121	Gayan Shankar Jaswal	0.21	0.21	0.00
122	Nayan Jyoti Das	0.06	0.00	0.06
123	Tarun Shakya	0.14	0.01	0.14
124	Gautam Kumar	0.03	0.00	0.03
125	Susmita Saikia	0.00	0.05	0.00
126	Rohit Dutta	0.00	0.30	0.00
	Total	**986.03**	**990.67**	**79.30**

Restriction on use: This certificate is addressed to and provided to the Company solely for the purpose of filing Tariff Petition and should not be used by any other person or for any other purpose.

for Naveen Bhartia & Associates
Chartered Accountants
FRN: 330089E



Naveen Bhartia
Proprietor
M. No.: 311914

Place: Guwahati
Date: 26th November, 2025
UDIN: 25311914BMUKPO1046

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लि.
NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
(भारत सरकार का उद्यम)/(A Government of India Enterprise)
एनटीपीसी लिमिटेड की पूर्ण स्वामित्व वाली सहायक कंपनी/A wholly owned subsidiary of NTPC Ltd
कोपिली हाइड्रो पावर स्टेशन/ KOPILI HYDRO POWER STATION
संयंत्र प्रमुख का कार्यालय / O/o THE HEAD OF PLANT
Email id: hopkhep@neepco.co.in , khephop@gmail.com

ISO 9001: 2015
ISO 14001: 2015
ISO 45001: 2018

No. NEEPCO/KHPS/HOP/W-26/2025-26/ **169-179** Dated 30.08.2025

To,

1. The Member Secretary NERPC, CEA, NERPC Complex, Lapalang, P.O: Rynjah, Shillong-793006, mail: nerpc@ymail.com, ms-nerpc@gov.in
2. I/C ED, NERLDC Mr. Sajan George, CGM NERLDC, Grid Controller of India e-mail ID is: sajan@grid-india.in , ednerldc@grid-india.in, nerldccr@grid-india.in, nerldcbackup@grid-india.in, nerldccontrolroom@gmail.com, ftcnerldc@grid-india.in
3. The Managing Director AEGCL, Bijuli Bhawan, Guwahati -78100, mail: sldcassam@aegcl.co.in managing.director@aegcl.co.in
4. The Managing Director APDCL Bijuli Bhawan, Guwahati -781001, mail: md.apdcl@apdcl.gov.in, md.apdcl@apdcl.org, gmtrc@apdcl.org, cgm.comm@apdcl.org
5. The Director Technical, TSECL, Agartala- 799001, mail: sod.tsecl@gmail.com, tsecl_sldc@rediffmail.com, managing.director@tsecl.in, dgm.commandtariff@tsecl.in, liktripura12@gmail.com, d_pal1966@rediffmail.com
6. The Director (Distribution), MeECL, Lumgingshai, Short Round Road Shillong- 793001, mail: acec.meecl-meg@nic.in,mardapkharkongor@gmail.com,revmeecl@gmail.com, dd.mepdcl@gmail.com
7. The Managing Director MSPDCL, Electricity Complex Keishampat, Imphal-795001, mail: md.mspdcl@gmail.com,sldcmanipur@gmail.com,iromsaratchandra@yahoo.in, aton.sekmai@gmail.com, satya14may@gmail.com
8. The CGM, Commercial & EE, APDCL, Bijuli Bhawan, Guwahati -781001 email-cgm.comm@apdcl.org
9. The Chief Engineer (WE Zone), Department of Power, Govt. of Arunachal Pradesh, Itanagar-791111, mail: sldcitanagar@gmail.com, cecomita@gmail.com
10. The Engineer-in-Chief (P&E), Department of Power, Govt. of Mizoram, Aizawal-796001. mail: sldc_mizoram@rediffmail.com, eincpower@gmail.com, commercialpnemz@gmail.com
11. The Chief Engineer(P), Department of Power, Govt of Nagaland, Kohima-797001, mail: cepower1@gmail.com,nagalandsldc@gmail.com,ngl.commercial@gmail.com, nglcomml@gmail.com

Sub: Declaration of COD of Unit # 2 of 2X23 MW Khandong Power Station, KHPS, Umrongso, Assam (NEEPCO)

Ref: 1. Our Trial Run Notice vide e-mail dated 10.08.2025.
2. Our Trial Run Revised Notice vide e-mail dated. 18.08.2025, dated 25.08.2025 & 26.08.2025.
3. Our letter No. KHPS/KhPS/NEEPCO/KhPS/ FTC/2025-26/ 227 dated 27.08.2025.
4. Our Letter No. KHPS/KhPS/NEEPCO/KhPS/ FTC/2025-26/ 228 dated 28.08.2025
5. NERLDC Approval No. (TOC) : NERLDC/MO/FTC/..8206..... dated 30.08.2025

Sirs,

With reference to the above, we are pleased to state that we, NORTH EASTERN ELECTRIC POWER CORPORATION LTD, has successfully completed the trial run of Unit-2 with installed capacity of 23 MW of our 2x23 MW Khandong Power Station, KHPS for a period of 12 hours w.e.f. **02:30 hrs of 27.08.2025 to 14:30 hrs of 27.08.2025, as per clause 22(2) of the IEGC regulation** which

30/8/25

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लि.
NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
(भारत सरकार का उद्यम)/(A Government of India Enterprise)
एनटीपीसी लिमिटेड की पूर्ण स्वामित्व वाली सहायक कंपनी/A wholly owned subsidiary of NTPC Ltd
कोपिली हाइड्रो पावर स्टेशन/ KOPILI HYDRO POWER STATION
संयंत्र प्रमुख का कार्यालय / O/o THE HEAD OF PLANT
Email id: hopkhep@neepco.co.in , khephop@gmail.com
ISO 9001: 2015
ISO 14001: 2015
ISO 45001: 2018

has been duly accepted by Grid Controller of India Ltd. (NERLDC) vide letter dated 30-08-2025 referred at Sl. No. 05 above.

We, therefore, declare the Commercial Operation of Unit-2 of Khandong Power Station w.e.f. of 30.08.2025 and intimation is hereby given for scheduling of the unit accordingly w.e.f. 00:00 hrs of 01.09.2025 as per IEGC 2023 Clause 27.2. The certificate duly signed by our Competent Authority as required under CERC regulation 26.2 (a) & (b) is enclosed herewith for kind reference

With declaration of COD of Khandong Unit-II, both the units of Khandong Power Station have been commissioned successfully. Hence, this may be treated as Station COD of 2X23 MW Khandong Power Station.

We request your kind cooperation in this regard.

Thanking you,

Yours faithfully

25/8/25

(A. J. Bordoloi)
CGM (Tech) & HOP, KHPS

ग्रिड-इंडिया GRID-INDIA ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड

भारत सरकार का उद्यम)
GRID CONTROLLER OF INDIA LIMITED
(A Government of India Enterprise)
{Formerly Power System Operation Corporation Ltd. (POSOCO)}
उत्तर पूर्वी क्षेत्रीय भार प्रेषण केंद्र/North Eastern Regional Load Despatch Centre
कार्यालय : पावर हाउस, काहिलीपारा, गुवाहाटी-781019(असम) /Office : Power House, Kahilipara, Guwahati-781019 (Assam)
CIN : U40105DL2009GOI188682, वेबसाइट/Website: www.nerldc.in, ई-मेल/E-mail: nerldccnm@posoco.in

अनुमोदन संख्या /Approval No: NERLDC/MO/FTC/8206 **दिनांक/Date:** 30.08.2025

सेवा में /To,

मुख्य महाप्रबंधक (तकनीकी) केएचपीएस / Chief General Manager (Tech) KHPS
नीपको लिमिटेड, उमरोंगसो, असम/ NEEPCO Ltd., Umrongso, Assam
कृपया ध्यान दें: श्री. आशिम ज्योति बोरदोलोई/ Kind attention: Sh. Ashim Jyoti Bordoloi
खांडोंग और खांडोंग स्टेज- II पीएस, केएचपीएस/ Khandong & Khandong Stage-II P.S., KHPS

विषय/Sub: खांडोंग पावर स्टेशन (नीपको) में 23 मेगावाट यूनिट 2 का परीक्षण संचालन प्रमाणपत्र/ Trial Operation Certificate of 23 MW Unit 2 at Khandong Power Station (NEEPCO)

महोदया/महोदय,

यह ई-मेल 27-08-2025 के माध्यम से 2 x 23 मेगावाट खांडोंग केएचपीएस की यूनिट 2 (23 मेगावाट) के ट्रायल रन से संबंधित प्रस्तुत उत्पादन आंकड़ों के संदर्भ में है।

आईईजीसी के खंड 22 (2) के अनुसार, खांडोंग (नीपको) ने 27-08-2025 (कुल 12 घंटे) के 02:30 बजे से 14:30 बजे तक यूनिट 2 के ट्रायल रन ऑपरेशन को सफलतापूर्वक पूरा किया, इस अवधि के दौरान, यूनिट ने स्थापित क्षमता से अधिक औसत उत्पादन का प्रदर्शन किया।

यूनिट ने सफलतापूर्वक स्थापित क्षमता के 110% तक उत्पादन बढ़ाने का प्रदर्शन किया।

आरएलडीसी को लिखित में किसी भी लाभार्थी द्वारा उठाई गई किसी आपत्ति की कोई प्राप्ति नहीं हुई है।

पंजीकृत कार्यालय: बी-9, प्रथम तल, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली -110016
Registered Office: B-9, First Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi -110016

यह प्रमाण पत्र खांडोंग यूनिट 2 के सफल परीक्षण को प्रमाणित करने के लिए सीईआरसी (भारतीय विद्युत ग्रिड कोड) विनियमन, 2023 के विनियमन 25 (1) और 25 (2) के अनुसार जारी किया जा रहा है।
किसी अन्य उद्देश्य के लिए इस प्रमाणपत्र का उपयोग निषिद्ध है।

This is with reference to the generation data submitted pertaining to the trial run of Unit-2 (23 MW) of 2 x 23 MW Khandong KHPS, vide e-mail 27-08-2025.

As per Clause 22 (2) of the IEGC, Khandong (NEEPCO) successfully completed the trial run operation of Unit-2 from 02:30 Hrs to 14:30 Hrs of 27-08-2025 (total 12 Hours), During this period, the unit demonstrated an average generation more than Installed Capacity.

The unit successfully demonstrated raising generation up-to 110% of Installed Capacity.

There has been no receipt of any objection raised by any beneficiary in writing to RLDC.

This certificate is being issued in accordance with regulation 25(1) and 25(2) of CERC (Indian Electricity Grid Code) regulation, 2023 to certify successful trial run of Khandong unit 2.

Usage of this certificate for any other purpose is prohibited.

भवदीय/ Your Sincerely

Sajan 30/08/2025

(सजन जार्ज/ Sajan George)
(मुख्य महाप्रबंधक (प्रभारी)/ Chief General Manager (I/C))
उपक्षेभाप्रेके, शिलांग/ NERLDC, Shillong

प्रति:

i. सदस्य सचिव, एनईआरपीसी, , एनईआरपीसी परिसर, डोंग परमाव, लापलांग, शिलांग-06
ii. कार्यपालक निदेशक, एनएलडीसी, B-9, कुतब इंस्टीट्यूशनल एरिया, कटवाड़ा सराय, नई दिल्ली-16
iii. मुख्य महाप्रबंधक (एस.ओ.), मुख्य महाप्रबंधक (एस. एल.) & महाप्रबंधक (एम.ओ.), उपक्षेभाप्रेके
iv. एसएलडीसी प्रभारी, अरुणाचल प्रदेश/असम/मणिपुर/मेघालय/मिजोरम/नागालैंड/त्रिपुरा

Copy to:

i. Member Secretary, NERPC, NERPC Complex, Dong Parmaw, Lapalang, Shillong-06
ii. Executive Director, NLDC, B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-16
iii. CGM (SO), CGM (SL) & GM (MO), NERLDC
iv. SLDC In-Charge, Arunachal Pradesh/Assam/Manipur/Meghalaya/Mizoram/Nagaland/Tripura

पंजीकृत कार्यालय: बी-9, प्रथम तल, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली -110016
Registered Office: B-9, First Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi -110016

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED NOTE

(Mini Ratna, Category-I, Government of India Enterprise)

File Number: Note Sheet/CW/HSM - II/KH-036/332/KHEP/29/11/2024

Basic Details

FileType: Note Sheet	
Subject: Submission of analysis for Extra items (2-Nos.) No. 8 & 10 against Civil works p	
Created On : 29/11/2024 **Time :**16:19:10	**Status:** In Process
Created By: Bhupen Borkakati	**Last Changed By:** Utpal Borah

File Workflow

Creator : Bhupen Borkakati (29/11/2024 16:32:03)

Processor - 1: Utpal Borah (01/12/2024 19:00:54)
Processor - 2: Susanta Deka (05/12/2024 17:36:23)
Processor - 3: Chandra Prasad Saikia (06/12/2024 11:04:14)
Processor - 4: Biswajit Sinha (07/12/2024 19:59:06)
Processor - 5: Chandra Prasad Saikia (12/12/2024 20:21:42)
Processor - 6: Dinesh Inrugbam (27/01/2025 15:17:25)
Processor - 7: Chandra Prasad Saikia (27/01/2025 16:57:30)
Processor - 8: Susanta Deka (30/01/2025 12:24:26)
Processor - 9: Bijit Kr. Goswami (30/01/2025 12:57:57)
Processor -10: Joypal Roy (06/02/2025 16:01:45)
Processor -11: Bijit Kr. Goswami (06/02/2025 17:57:23)
Processor -12: Siddhartha Sankar Adhikari (07/02/2025 10:17:13)
Processor -13: Sitangshu Dhar (07/02/2025 10:23:52)
Processor -14: Dipjyoti Sarma (07/02/2025 12:20:07)
Processor -15: Sitangshu Dhar (07/02/2025 14:37:12)
Processor -16: Siddhartha Sankar Adhikari (07/02/2025 14:50:49)
Processor -17: Bijit Kr. Goswami (07/02/2025 17:10:56)
Processor -18: Susanta Deka (07/02/2025 18:03:04)
Processor -19: Chandra Prasad Saikia (12/02/2025 22:05:12)
Processor -20: Utpal Borah (13/02/2025 09:45:17)
Processor -21: Bhupen Borkakati (00/00/0000 00:00:00)

File Description

Submission of analysis for Extra items (2-Nos.) No. 8 & 10 against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam

Created By : Bhupen Borkakati
Created On :29/11/2024 16:31:24
With Department : Analysis of Extra items(2-Nos)
Forwarded To: Utpal Borah

File Attachments

Attachments :

Item-10; **Created By :**Bhupen Borkakati**; Uploaded on :**29/11/2024 16:29:39
Item-8; **Created By :**Bhupen Borkakati**; Uploaded on :**29/11/2024 16:29:01
Statement; **Created By :**Bhupen Borkakati**; Uploaded on :**29/11/2024 16:28:28
WorkOrder; **Created By :**Bhupen Borkakati**; Uploaded on :**29/11/2024 16:27:04

File Notings

Subject: Submission of analysis for Extra items (2-Nos.) No. 8 & 10 against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam.

Ref.: (i) Agreement No. NEEPCO/QP/ED/C&P/R/C/KHPS-CW/708 of 2023-2024 dtd. 21.06.2023
(ii) L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023
(iii) D.W.O. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/157dtd. 12.05.2023.

The above-mentioned work was awarded to the Contractor M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad on 01.05.2023 vide L.O.I. No. under reference (ii) above. The detailed work order was also issued vide reference (iii) above. Presently the work is in progress.

Extra Item No.8: Steel work welded in built up sections/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.

The proposal for replacement of Hatch covers of Khandong Power Station (2x23MW) was initiated by the EM Wing, KHPS through FLM (Copy enclosed). But the item for providing the same is not in the BOQ of the Contract. Hence, it was decided by the Higher Authority to consider it as Extra item. In earlier works at Kopili Power Station, the item was executed through P.O. No. 3700008364 (Copy enclosed). The Contractor was asked to execute the work in the same Rate and they also accepted it (Copy enclosed).

Extra Item No.10.1, 10.2, 10.3 & 10.4: Supplying, fitting and fixing PVC Pipes of 6kg/cm2 including jointing, fitting and fixing etc. as necessary at all levels including below GL as directed and specified in exposed surfaces or in trenches.

10.1: 160 mm Pipes

10.2: Elbow

10.3: Tee

10.4: 110mm Pipes

The Rain water Pipes at upstream side of the Khandong Power Station (2x23MW) were damaged by debris during inundation. Hence, it was decided by the Higher Authority to provide the same. As the items for providing the same is not available in the BOQ of the Contract, hence, it has been considered as Extra Item.

Accordingly, the Contractor was instructed to execute the above works and the analysis of the Rates submitted by the Contractor has been scrutinized and found the cost involvement for extra items are as follows:

Sl. No.	Item Description	Unit	Qnty	Rate in Rs.	Amount in Rs.
1	**Extra itm No.8**: Steel work welded in built up sections ……	Kg	15000.00	165.20	24,78,000.00
2	**Extra item No.10.1**: Supplying, fitting and fixing PVC **Pipes** …….160mm dia	Rm	95.00	1978.61	1,87,967.95
3	**Extra item No.10.2**: Supplying, fitting and fixing PVC **Bend**…..160mm dia	No.	17	756.53	12,861.01
4	**Extra item No.10.3**: Supplying, fitting and fixing PVC **Single Tee**…..160mm dia	No.	1	756.53	756.53
5	**Extra item No.10.4**: Supplying, fitting and fixing PVC **Pipes** …….110mm dia	Rm	105.00	756.53	79,435.65

As per Contract Clause No.33 of Conditions of Contract, the analysis of the Rates submitted by the Contractor has been scrutinized and found the cost involvement for extra items are as follows:

* The total Contract value of the work: Rs. 25,13,23,555.32

*The total up to date executed value (up to 9th RA bill): Rs. 17,88,64,137.49

*The total up to date value for Extra items: Rs. 1,40,19,223.62

*The total up to date value in excess of BOQ quantity plus extra items: Rs. 7,10,83,796.96

*The percentage of Deviation against Extra items is **(+)28.28%** above total Contract sum.

The proposal is submitted for technical approval from the Competent Authority as per the DOP Clause No. 14.1.

Put up for favour of kind perusal and further needful please.

Enclo: As stated above.

ID: 001
Noted By: Bhupen Borkakati
Noted On: 29/11/2024 Time : 16:20:46

Forwarded To : Utpal Borah

Trailing note of DM(C)please.

The necessity of execution of the items has been explained at ID 001 and is agreed. The items are not available in the BOQ of the Contract, hence, it has been considered as Extra Item.

The rate of the item no. 8 has been considered as same as the item executed through P.O. No. 3700008364 at Kopili PS(4x50MW) site in the month of March 2024 and for item no. 10, rate has been escalated by 16.39 % over the rate of similar item of approved rate dated 19.07.2017 which are found to be justified. In terms of the Contract Clause No.33, Conditions of Contract, the proposed Rates of the items are acceptable.

The *Variance* during post-award execution of work over award price in respect of the Contract awarded by Corporate C&P due to above extra items etc.

The total Contract value of the work: Rs. 25,13,23,555.32

The total up-to date executed value: Rs. 18,41,25,940.70

The total up to date value for Extra items: Rs. 1,40,19,223.62

The total up to date value in excess of BOQ quantity plus extra items: Rs. 7,10,83,796.96

The percentage of Variation is (+)28.28% above the original Contract sum.

The proposal is recommended for according technical approval of the ED(O&M) as per the DOP Clause No. 14.1 after obtaining technical clearance of D&E wing.

Put up for kind perusal and further needful please.

HOP pl. CGM(Tech)HSM

ID: 002
Noted By: Utpal Borah
Noted On: 01/12/2024 Time : 18:56:54

Forwarded To : Susanta Deka

Preceding notes may please be seen.

Please examine and put up.

ID: 003
Noted By: Susanta Deka
Noted On: 05/12/2024 Time : 17:35:59

Forwarded To : Chandra Prasad Saikia

Please examine and put up a note for further processing of this proposal .

ID: 004
Noted By: Chandra Prasad Saikia
Noted On: 06/12/2024 Time : 11:03:44

Forwarded To : Biswajit Sinha

Trailing notes may please be seen.

The proposal forwarded by CGM(C), HSM, KHPS, Umrongso, seeking technical approval for variation of **(+) 28.28%** w.r.t. original contract sum pertaining to the work **"Civil works pertaining to**

Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam." (vide L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023, W.O No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/157dtd. 12.05.2023 and Agreement No. NEEPCO/QP/ED/C&P/R/C/KHPS-CW/708 of 2023-2024 dtd. 21.06.2023) involves the following:

1. M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad is executing the above refered work. During execution of the work 5 nos of extra item were required to be executed by the contractor as per requirement at site (Ref. FLM ID 001/002).
2. As these items were not available in the BOQ of the above referred contract, rates of these items are adopted as per PO No: 3700008364 and as per rate analysis.
3. Post award variation occurred during execution of the above mentioned work due to execution of the extra items and variance in BOQ quantity as per requirement at site.
4. As the value of work executed is within the limit of the original contract sum the variation shall be calculated in terms of Clause 14(a), Sec-I of DOP. The total financial implication along with deviation is indicated below:

Sl. No.	Details	Amount including GST (INR)	Remarks
1	Original Contract sum	**25,13,23,555.32**	
2	Total value of works executed (BOQ, Extra/Substituted items) as on till date	18,41,25,940.70	(Ref: Attached deviation statement)
3	Value of BOQ items executed in excess of BOQ quantities	5,70,64,573.34	(Ref: Attached deviation statement)
4	value of extra/substituted items executed	1,40,19,223.62	(Ref: Attached deviation statement)
5	Value of works executed (BOQ, Extra/Substituted items) in excess of contract sum	**7,10,83,796.96**	(Ref: Attached deviation statement)
6	Variance (Till date) during post-award execution of work over original contract sum (Ref: Cl:14(a), Sec-I of DOP	**(+) 28.28%**	

ED(O&M) is empowered to accord technical approval in consultation with D&E in terms of Cl. 14.1, Sec-I of DOP.
The proposal may be forwarded to finance for further scrutiny and concurrence.
Submitted for perusal and further needful please.

ID: 005
Noted By: Biswajit Sinha
Noted On: 07/12/2024 Time : 19:57:14

Forwarded To : Chandra Prasad Saikia

The instant proposal is submitted from HSM, KHPS seeking technical approval for a variation of **(+) 28.28%** w.r.t. original contract sum pertaining to the contract awarded **vide** W.O No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/157dtd. 12.05.2023 for **"Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam"**.

In this connection, detail evaluation note of the proposal submitted by Sr. Manager(C), C&P may please be seen-

Concurrence of Finance may please be accorded for obtaining approval of Competent Authority in terms of clause no. 15 , Section -I of DOP (2023) for technical approval against Variance during post-award execution of work as proposed.

ID: 006
Noted By: Chandra Prasad Saikia
Noted On: 12/12/2024 Time : 20:21:08

Forwarded To : Dinesh Inrugbam

Proposal for approval of a (+) 28.28% Variation in the Original Contract Sum for Civil Works Pertaining to the Restoration, Renovation, and Modernization of Khandong Power Station (2x23 MW) in Umrongso, Assam, awarded to M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad

Details of Variation:

- **Original Contract Sum**: ₹25,13,23,555.32 (including GST)
- **Value of Works Executed Till Date**: ₹18,41,25,940.70
- **BOQ Items Executed in Excess**: ₹5,70,64,573.34
- **Value of Extra/Substituted Items Executed**: ₹1,40,19,223.62
- **Value of Works in Excess of Contract Sum**: ₹7,10,83,796.96
- **Post-Award Variation**: (+) 28.28% over the original contract sum.

Reason for Variation was recorded from Note 001 as During execution, **5 extra items** were required due to site-specific needs.
These extra items were not part of the original Bill of Quantities (BOQ). Rates were determined based on PO No. 3700008364 and detailed rate analysis.
Variations also arose due to execution of extra/substituted items and quantity variations in BOQ.
Finance is accorded as proposed subject to the approval from competent authority as per terms of Clause 14(a), Section I of the Delegation of Power (DOP).
As per Clause 14.1, Section I of the DOP, ED(O&M) is authorized to accord technical approval in consultation with D&E.
Submitted

ID: 007
Noted By: Dinesh Inrugbam
Noted On: 27/01/2025 Time : 15:16:57

Forwarded To : Chandra Prasad Saikia

Trailing notes may please be seen.

The proposal forwarded and recommended by by CGM(C), HSM, KHPS, Umrongso, seeking technical approval for variation of **(+) 28.28%** w.r.t. original contract sum pertaining to the work **"Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam."** (vide L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023, W.O No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/157dtd. 12.05.2023 and Agreement No. NEEPCO/QP/ED/C&P/R/C/KHPS-CW/708 of 2023-2024 dtd. 21.06.2023) was evaluated at C&P.

Finance concurrence for variation of **(+) 28.28%** (calculated in terms of Clause No. 14.a, Sec-I of DOP) for the same is obtained at FLM ID 007.

In terms of Clause No. 14.1, Sec-I of DOP the instant proposal shall require technical approval of the ED(O&M) in consultation with D&E.

Forwarded for perusal and further needful please.

ID: 008
Noted By: Chandra Prasad Saikia
Noted On: 27/01/2025 Time : 16:56:57

Forwarded To : Susanta Deka

The instant proposal is for approval of a (+) 28.28% variation in the original contract sum for Civil Works Pertaining to the Restoration, Renovation, and Modernization of Khandong Power Station (2x23 MW) in Umrongso, Assam, awarded to M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad

Details of Variation:

- **Original Contract Sum**: ₹25,13,23,555.32 (including GST)
- **Value of Works Executed Till Date**: ₹18,41,25,940.70
- **BOQ Items Executed in Excess**: ₹5,70,64,573.34
- **Value of Extra/Substituted Items Executed**: ₹1,40,19,223.62
- **Value of Works in Excess of Contract Sum**: ₹7,10,83,796.96
- **Post-Award Variation**: (+) 28.28% over the original contract sum.

Reason for Variation was recorded from Note 001 as During execution, **5 extra items** were required due to site-specific needs.
These extra items were not part of the original Bill of Quantities (BOQ). Rates were determined based on PO No. 3700008364 and detailed rate analysis.
Variations also arose due to execution of extra/substituted items and quantity variations in BOQ.

The proposal is duly recommended by the EIC, HSM and the C&P, KHPS after scrutiny and with Finance concurrence recorded at workflow #007 finally recommended (at workflow #008) for approval of the ED (O&M), as per terms of Clause 14(a), Section I of the DoP.

Therefore the proposal is recommended and put up for needful please.

ID: 009
Noted By: Susanta Deka
Noted On: 30/01/2025 Time : 12:23:53

Forwarded To : Bijit Kr. Goswami

Trailing notes are referred.

May please be seen.

ID: 010
Noted By: Bijit Kr. Goswami
Noted On: 30/01/2025 Time : 12:56:59

Forwarded To : Joypal Roy

Trailing FLM notes and attachments may kindly be referred.

Ref:

(i) Agreement No. NEEPCO/QP/ED/C&P/R/C/KHPS-CW/708 of 2023-2024 dtd. 21.06.2023
(ii) L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023
(iii) D.W.O. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/157 dtd. 12.05.2023.

The above-mentioned work was awarded to the Contractor M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad on 01.05.2023 vide L.O.I. No. under reference (ii) above. The detailed work order was also issued vide reference (iii) above. Presently the work is in progress.

The instant proposal pertains to obtaining Technical Clearance/approval of revised/deviation quantity against the work "Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam".

Details of Variations:

Original Contract Sum : Rs. 25,13,23,555.32 (including GST)

Value of Works Executed till Date : Rs.18,41,25,940.70

BOQ Items Executed in Excess : Rs. 5,70,64,573.34

Value of Extra/Substituted Items

Executed : Rs. 1,40,19,223.62

Value of Works in Excess of Contract

Sum : Rs. 7,10,83,796.96

Post-Award Variation : (+) 28.28% over the original contract sum.

Reason for Variation was recorded at workflow ID#001 as during execution, 5 extra items were required due to site-specific needs.

Site Finance has vetted the proposal and accorded the variation in Contract price with the reasons for the positive deviation mentioned in note ID # 0001 and suggested to regulate as per Clause 14 and 14.1 of Section-I of DOP to obtain technical clearance for the variation in consultation with the Design & Engineering (D&E) department under at his note ID # 0007. HOP: KHPS has recommended the proposal for obtaining Technical Clearance from D&E and Technical approval of the ED (O&M) for the post award variation of the contract i.e. + 28.28%. The relevant documents are attached.

In view of the above, the proposal may kindly be forwarded to ED(D&E) for according Technical Clearance on the instant proposal in terms of Clause No. 14 of Section-I of DOP. On obtaining technical clearance, the technical approval for the above variations may kindly be approved by ED(O&M) in terms of Clause No. 14.1 of Section-1 of DOP.

Submitted please.

ID: 011
Noted By: Joypal Roy
Noted On: 06/02/2025 Time : 16:00:55

Forwarded To : Bijit Kr. Goswami

Trailing notes are referred.

The subject proposal is endorsed for examination at D&E department, and Technical Clearance, please.

ID: 012
Noted By: Bijit Kr. Goswami
Noted On: 06/02/2025 Time : 17:52:34

Forwarded To : Siddhartha Sankar Adhikari

For needful pl

ID: 013
Noted By: Siddhartha Sankar Adhikari
Noted On: 07/02/2025 Time : 10:16:32

Forwarded To : Sitangshu Dhar

Please examine and put up.

ID: 014
Noted By: Sitangshu Dhar
Noted On: 07/02/2025 Time : 10:22:55

Forwarded To : Dipjyoti Sarma

Sub: Submission of analysis for Extra Items (2 Nos.) No. 8 & 10 against Civil Works pertaining to Restoration, Renovation & Modernization of Khandong Power Station (2 x 23 MW), Umrongso, Assam.

Ref:

1. FLM Note dated: 30th January' 2025.

2. Agreement No. NEEPCO/QP/ED/C&P/R/C/KHPS-CW/708 of 2023-2024, Dated: 21st June' 2023.

3. LOI No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-24/105, Dated: 1st May' 2023.

4. D. W. O. No. NEEPCO/QP/Ed/C&P/F/C/KHPS-CW/579/2023-24/157, Dated: 12th May' 2023.

Trailing Note sent vide FLM at Sl. No. 1 above may please be seen.

The proposal submitted by the Project Authority for submission of analysis of Extra Items (2 Nos.) No. 8 & 10 against Civil Work pertaining to Restoration, Renovation & Modernization of Khandong Power Station has been examined at this end and found to be generally in order. The extra items were executed as per the technical requirements and actual site conditions.

Further, regarding the quantity variation on the BoQ items, it may be mentioned that the variation was due to actual site condition.

However, the financial & contractual aspects of the proposal have not been examined at this end.

Put up for kind perusal and further needful please.

ID: 015
Noted By: Dipjyoti Sarma
Noted On: 07/02/2025 Time : 12:18:19

Forwarded To : Sitangshu Dhar

Recommended for concurrence please.

ID: 016
Noted By: Sitangshu Dhar
Noted On: 07/02/2025 Time : 14:36:05

Forwarded To : Siddhartha Sankar Adhikari

Technical clearance accorded, please

ID: 017
Noted By: Siddhartha Sankar Adhikari
Noted On: 07/02/2025 Time : 14:49:32

Forwarded To : Bijit Kr. Goswami

On receipt of Technical Clearance of D&E department, Technical Approval is accorded.

For further needful please.

ID: 018
Noted By: Bijit Kr. Goswami
Noted On: 07/02/2025 Time : 17:08:52

Forwarded To : Susanta Deka

कृपया पूर्ववर्ती नोट्स देखें,

Technical clearance has been accorded by the D&E. For further needful please.

ID: 019
Noted By: Susanta Deka
Noted On: 07/02/2025 Time : 18:02:14

Forwarded To : Chandra Prasad Saikia

Preceding notes may please be seen.

Technical Approval of ED(O&M) is obtained at work flow:018. Forwarded for further needful please.

ID: 020
Noted By: Chandra Prasad Saikia
Noted On: 12/02/2025 Time : 22:02:19

Forwarded To : Utpal Borah

Trailing note pl.

For further needful.

ID: 021
Noted By: Utpal Borah
Noted On: 13/02/2025 Time : 09:44:14

Forwarded To : Bhupen Borkakati

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED NOTE

(Mini Ratna, Category-I, Government of India Enterprise)

File Number: Note Sheet/CW/HSM - II/KH051/180/KHEP/25/06/2025

Basic Details

FileType: Note Sheet	
Subject: Submission of analysis for Extra item No.7 against Civil works pertaining to Res	
Created On : 25/06/2025 **Time :**11:37:32	**Status:** In Process
Created By: Bhupen Borkakati	**Last Changed By:** Utpal Borah

File Workflow

Creator : Bhupen Borkakati (25/06/2025 11:44:57)

Processor - 1: Utpal Borah (26/06/2025 16:29:08)
Processor - 2: Ashim jyoti Bordoloi (26/06/2025 16:41:15)
Processor - 3: Amrit kumar Borah (26/06/2025 17:34:02)
Processor - 4: Gautam Kumar (11/07/2025 10:52:23)
Processor - 5: Amrit kumar Borah (11/07/2025 11:27:16)
Processor - 6: Dinesh Inrugbam (13/07/2025 12:47:12)
Processor - 7: Amrit kumar Borah (14/07/2025 13:01:18)
Processor - 8: Ashim jyoti Bordoloi (15/07/2025 20:42:54)
Processor - 9: Amrit kumar Borah (16/07/2025 09:34:18)
Processor -10: Utpal Borah (16/07/2025 14:49:53)
Processor -11: Amrit kumar Borah (17/07/2025 10:05:42)
Processor -12: Ashim jyoti Bordoloi (17/07/2025 16:49:04)
Processor -13: Bijit Kr. Goswami (18/07/2025 08:45:19)
Processor -14: Joypal Roy (21/07/2025 11:28:42)
Processor -15: Bijit Kr. Goswami (21/07/2025 18:16:11)
Processor -16: Kulendra Nath Sarmah (22/07/2025 10:22:31)
Processor -17: Sitangshu Dhar (26/07/2025 10:52:15)
Processor -18: Hemanta Choudhury (27/07/2025 22:52:31)
Processor -19: Biswanath Sarkar (29/07/2025 12:50:52)
Processor -20: Hemanta Choudhury (30/07/2025 17:39:47)
Processor -21: Sitangshu Dhar (31/07/2025 14:36:27)
Processor -22: Kulendra Nath Sarmah (31/07/2025 16:30:37)
Processor -23: Bijit Kr. Goswami (31/07/2025 17:26:10)
Processor -24: Ashim jyoti Bordoloi (31/07/2025 21:49:29)
Processor -25: Amrit kumar Borah (01/08/2025 09:27:11)
Processor -26: Utpal Borah (01/08/2025 14:52:03)
Processor -27: Bhupen Borkakati (00/00/0000 00:00:00)

File Description

Subject: Submission of analysis for Extra item No.7 against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam.

Created By : Bhupen Borkakati
Created On :25/06/2025 11:44:46

With Department : Proposal for extra item No.7
Forwarded To: Utpal Borah

File Attachments

Attachments :

EOT2**; Created By :**Bhupen Borkakati**; Uploaded on :**25/06/2025 11:44:11
EOT1**; Created By :**Bhupen Borkakati**; Uploaded on :**25/06/2025 11:43:42
LetterToVijetha**; Created By :**Bhupen Borkakati**; Uploaded on :**25/06/2025 11:42:53
Statement**; Created By :**Bhupen Borkakati**; Uploaded on :**25/06/2025 11:42:22
ReferencePO**; Created By :**Bhupen Borkakati**; Uploaded on :**25/06/2025 11:41:49
PO**; Created By :**Bhupen Borkakati**; Uploaded on :**25/06/2025 11:41:18
Analysis**; Created By :**Bhupen Borkakati**; Uploaded on :**25/06/2025 11:39:07

File Notings

Subject: Submission of analysis for Extra item No.7 against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam.

Ref.: (i) Agreement No. NEEPCO/QP/ED/C&P/R/C/KHPS-CW/708 of 2023-2024 dtd. 21.06.2023
(ii) L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023
(iii) D.W.O. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/157dtd. 12.05.2023.
(iv) Letter No. NEEPCO/KHPS/CGM(C)/HSM/T-106/2024-2025/99 dtd. 21.03.2025.

The above-mentioned work was awarded to the Contractor M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad on 01.05.2023 vide L.O.I. No. under reference (ii) above. The detailed work order was also issued vide reference (iii) above. Presently the work is in progress. 2nd Provisional Time Extension has been granted up to 30.06.2025 and further for 3nd Provisional Time Extension up to 31.08.2025 has also been proposed.

During execution of the work, it was seen that, the item for providing False ceiling was not incorporated in the Contract. Hence, it was decided by the Higher Authority to consider it as Extra item. Accordingly, a letter was issued to the Contractor vide reference (iv) above to carry out the work considering the Rate as per earlier Work Order (Copy attached here with) executed in the Civil Package works of Kopili Power Station. Accordingly, the work has been successfully completed as per requirement and as directed by the Engineer in-charge. The item specification is as follows:.

Extra Item No.7: False Ceiling & Partition works: 14.6.1: Ceiling with exposed metal (GI) Frame work with E-Grid-2430. Providing and fixing in position suspended false ceiling using E-Grid (Exposed ceiling suspension 2430 system) of grid size 600mm x 600mm/1200mm x 600mm with main runner 38mm x 24mm, cross Tee 29mm x 24mm and wall angle 24mm x 24mm using 4mm/6mm thick high pressure Stem Curad Non Asbestos Fibre cement board as per IS:14862, to be placed in a grid of GI system duly suspended with 4mm/6mm dia GI/MS bar hanger fixed with steel dash fasteners or iron purlin from the roof with adjustment clip providing positions for light fixtures, air conditioning diffusers and ducts, sprinklers, smoke defectors, etc. The main runners to be secured to structural soffit by hanger@1220mm maximum c/c. The last hanger at the end of each main runner should be placed at more than 450mm from the adjacent wall. Flush fitting 1220mm cross Tee to be interlocked between main runner @610mm c/c so as to form 600mm x 600mm/1200mm x 600mm grid all complete as per the drawings/specifications and as directed by the Engineer in-charge.

14.6.1. : Standard Ceiling as directed by the Engineer in-charge. A) using 6mm thick FC Board.

In view of the above points, it was also instructed to the Contractor to submit the Rate analysis after completion of the work in all respect.

Accordingly, the analysis of the Rate submitted by the Contractor has been scrutinized and found the cost involvement for the extra item is as follows:

Sl. No.	Item Description	Unit	Qnty	Rate in Rs.	Amount in Rs.
1	**Extra itm No.7**: False Ceiling & Partition works: 14.6.1: Ceiling with exposed metal (GI)……	Sqm	459.05	**1420.18**	6,51,933.63

As per Contract Clause No.33 of Conditions of Contract, the analysis of the Rates submitted by the Contractor has been scrutinized and found the cost involvement for extra items are as follows:

* The total Contract value of the work: **Rs. 25,13,23,555.32**

*The total up to date executed value (up to 13th RA bill): **Rs. 23,14,11,818.04**

*The total up to date value for Extra items: **Rs. 2,08,60,913.44**

*The total up to date value in excess of BOQ quantity plus BOQ excess (25%above) plus

extra items: **Rs. 10,34,33,228.78**

*The percentage of Deviation against Extra items is **(+)41.16%** above total Contract sum.

The proposal is submitted along with all related papers/documents for technical approval from the Competent Authority as per the DOP Clause No. 14.1.

Put up for favour of kind perusal and further needful please.

Enclo: As stated above.

ID: 001
Noted By: Bhupen Borkakati
Noted On: 25/06/2025 Time : 11:38:25

Forwarded To : Utpal Borah

Trailing note please.

The proposal is regarding fixing the analyzed rate of the extra item no. 7 and subsequently technical approval of the competent authority to the deviation due to the inclusion of the Extra item.

M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad was awarded the Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam on 01.05.2023 and at present almost of the works have been completed.

The item for providing False ceiling at Power House was not envisaged in the contract originally but as was very essential hence, it was decided to execute as Extra item. The detail specification and scope of work haven been mentioned in the trailing note. The analysis of the rate submitted by the contractor has been examined and found to be reasonable which is derived as Rs. 1420.18 per sqm.

Accordingly, the post-award variation due to execution of the extra work has been worked out as:

The value of original contract sum: Rs. 25,13,23,555.32

The up-to-date executed value (up to 13th RA bill): Rs. 23,14,11,818.04

The up to date value for Extra items: Rs. 2,08,60,913.44

The up to date value in excess of BOQ quantity plus extra items: Rs. 10,34,33,228.78

Variation during post-award execution of work due to quantity variation and extra item w.r.t. the original Contract sum is (+) 41.16%.

The proposal is forwarded along with all related papers/documents for technical approval from the ED as per the DOP Clause No. 14.1 of DOP, Sec-I.

Submitted please.

ID: 002
Noted By: Utpal Borah
Noted On: 26/06/2025 Time : 16:28:02

Forwarded To : Ashim jyoti Bordoloi

जांच और प्रक्रिया के लिए

ID: 003
Noted By: Ashim jyoti Bordoloi
Noted On: 26/06/2025 Time : 16:40:56

Forwarded To : Amrit kumar Borah

Please examine the proposal and put up for further process .

ID: 004
Noted By: Amrit kumar Borah
Noted On: 26/06/2025 Time : 17:33:37

Forwarded To : Gautam Kumar

A proposal duly recommended by CGM (Tech) HSM for "analysis for Extra item No.7 against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam" is received and following observations are made:

1. The above-mentioned work was awarded to the Contractor M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad on 01.05.2023 vide L.O.I. No. L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023. The detailed work order was also issued vide D.W.O. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/157dtd. 12.05.2023. Presently the work is in progress.
2. Executing authority in his note 001 has stated that the item for providing False ceiling was not incorporated in the Contract. Hence, it was decided by the Higher Authority to consider it as Extra item (extra item No. 07). Accordingly, the contractor was requested to carry out the work considering the Rate as per earlier Work Order (Copy attached here with) executed in the Civil Package works of Kopili Power Station. Accordingly, the work has been successfully completed as per requirement and as directed by the Engineer in-charge.
3. In view of the above points, executing authority instructed to the Contractor to submit the Rate analysis Accordingly, the analysis of the Rate submitted by the Contractor has been scrutinized by executing authority and total cost against the instant extra item no. 7 arrives Rs. 6,51,933.63 including all taxes and cess.
4. Cost involvement of the total extra items as following (all amount mentioned below are including all tax and cess):

a). The total Contract value of the work: **Rs. 25,13,23,555.32**

b). The total up to date executed value (up to 13th RA bill): **Rs. 23,14,11,818.04**

c). The total up to date value for Extra items: **Rs. 2,08,60,913.44**

d). The total up to date value in excess of BOQ quantity plus BOQ excess (25%above) plus extra items: **Rs. 10,34,33,228.78**

e). The percentage of Deviation against Extra items is **(+) 41.16%** above total Contract sum.

5. CGM (Tech) HSM has recommended for technical approval in terms of DOP clause No. 14.1 sec-I and ED (O&M) is empowered to accord the technical approval.

6. However, prior to approval of the competent authority, the instant proposal may be forwarded to the finance.

Submitted for your kind perusal and further needful please.

ID: 005
Noted By: Gautam Kumar
Noted On: 11/07/2025 Time : 10:38:59

Forwarded To : Amrit kumar Borah

Please refer the trailing notes recorded by Manager (C) C&P at work flow 0012

The proposal for "Aanalysis for Extra item No.7 against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam" duly recommended by CGM (Tech) HSM is evaluated at C&P.

1. M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad is on the works vide order no. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/157dtd. 12.05.2023.

2. Executing authority in his note 001 has stated that the item for providing False ceiling was not incorporated in the Contract. Hence, it was decided by the Higher Authority to consider it as Extra item (extra item No. 07). Accordingly, the contractor was requested to carry out the work considering the Rate as per earlier Work Order

(Copy attached here with) executed in the Civil Package works of Kopili Power Station. Accordingly, the work has been successfully completed as per requirement and as directed by the Engineer in-charge.

3. In view of the above points, executing authority instructed to the Contractor to submit the Rate analysis Accordingly, the analysis of the Rate submitted by the Contractor has been scrutinized by executing authority and total cost against the instant extra item no. 7 arrives Rs. 6,51,933.63 including all taxes and cess.

4. Cost involvement of the total extra items as following (all amount mentioned below are including all taxes and cess):

a). The total Contract value of the work: **Rs. 25,13,23,555.32**

b). The total up to date executed value (up to 13th RA bill): **Rs. 23,14,11,818.04**

c). The total up to date value for Extra items: **Rs. 2,08,60,913.44**

d). The total up to date value in excess of BOQ quantity plus BOQ excess (25%above) plus extra items: **Rs. 10,34,33,228.78**

e). The percentage of Deviation against Extra items is **(+) 41.16%** above total Contract sum.

5. CGM (Tech) HSM has recommended for technical approval in terms of DOP clause No. 14.1 sec-I and ED (O&M) is empowered to accord the technical approval.

6. However, prior to approval of the competent authority, the instant proposal is forwarded to the finance.

ID: 006
Noted By: Amrit kumar Borah
Noted On: 11/07/2025 Time : 11:26:50

Forwarded To : Dinesh Inrugbam

The proposal for Extra Item No. 7 " 7: False Ceiling & Partition works: " under the civil works for Restoration, Renovation & Modernization of Khandong Power Station (2 x 23 MW), Umrongso, Assam is examined in finance

Key points

- Civil works awarded to M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad. Work currently in progress.

- The proposed extra item was necessitated due to site requirements and as per directions from the higher authority, as recorded in Note 001. This item was not included in the original BOQ. The work was executed by the contractor based on rates derived from a previous Work Order for similar works at Kopili Power Station. The total cost, including all taxes to ₹6,51,933.63.

- Overall Contract Financial Summary (incl. taxes & cess):

a) Total Original Contract Value: ₹ 25,13,23,555.32

b) Total Executed Value (up to 13th RA Bill): ₹ 23,14,11,818.04

c) Total Value of Extra Items (till date): ₹ 2,08,60,913.44

d) Total value including BOQ excess + Extra items: ₹ 10,34,33,228.78

e) % Deviation due to Extra Items over contract value: (+41.16%)

In view the of the actual cost from attached document the proposal for rate analysis for Extra item No.7 for the work is accorded in finance subject to the approval from competent authority as per DoP " Clause No. 14.1, Section-I. & ED (O&M) is authorized to accord final technical approval.

Submitted

ID: 007
Noted By: Dinesh Inrugbam
Noted On: 13/07/2025 Time : 12:23:24

Forwarded To : Amrit kumar Borah

Site finance has scrutinised the proposal submitted from O/O the CGM(Tech) HSM for analysis of rate against Extra Item No. 7 " False Ceiling & Partition works: " under the civil works for Restoration, Renovation & Modernization of Khandong Power Station (2 x 23 MW), Umrongso, Assam" .

The contract was awarded with M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad and Work is currently in progress.

Considering necessitate at site and as per directions of competent authority, the work was executed by the contractor based on rates derived from a previous Work Order for similar works at Kopili Power Station. The total cost, including all taxes to ₹6,51,933.63 as this item was not included in the original BOQ.

Financial Summary (incl. taxes & cess) will be as follows:

a) Total Original Contract Value: ₹ 25,13,23,555.32

b) Total Executed Value (up to 13th RA Bill): ₹ 23,14,11,818.04

c) Total Value of Extra Items (till date): ₹ 2,08,60,913.44

d) Total value including BOQ excess + Extra items: ₹ 10,34,33,228.78

e) % Deviation due to Extra Items over contract value: (+41.16%)

In view the of the actual cost from attached document the proposal for rate analysis for Extra item No.7 for the work is accorded in finance subject to the approval from competent authority as per DoP " Clause No. 14.1, Section-I. & ED (O&M) is authorized to accord final technical approval.

Submitted for recommendation of the proposal for technical approval.

ID: 008
Noted By: Amrit kumar Borah
Noted On: 14/07/2025 Time : 13:00:53

Forwarded To : Ashim jyoti Bordoloi

For needful please.

1. Reasonability of price is necessary before technical approval.
2. Recomendation from executing wing is also necessary for processing.

ID: 009
Noted By: Ashim jyoti Bordoloi
Noted On: 15/07/2025 Time : 20:42:25

Forwarded To : Amrit kumar Borah

Please refer the trailing notes recorded by HOP.

Forwarded for indicate the details as recorded.

ID: 010
Noted By: Amrit kumar Borah
Noted On: 16/07/2025 Time : 09:33:44

Forwarded To : Utpal Borah

Trailing note please.

As mentioned in the note of DM(C), the rate of the item is as per earlier Work Order executed in the Civil Package works of Kopili Power Station. (copy enclosed) Therefore, it appears that the rate is reasonable as on date also. It is mentioned at the ID 002.

Further, it is recommended for technical approval from the ED as per the DOP Clause No. 14.1 of DOP, Sec-I.

Submitted please.

ID: 011
Noted By: Utpal Borah
Noted On: 16/07/2025 Time : 14:47:05

Forwarded To : Amrit kumar Borah

As desired, the CGM(Tech) of HSM has recorded reasonability of rates and recommended the proposal for further process.

This particular proposal for analysis of rate against **Extra itm No.7**: False Ceiling & Partition works.

For analysis the the rate the executing authority has considered the rate from the earlier order no: NEEPCO/GP/ED/C&P/F/C/KHEP/547/Vol-l/20-21/2252 dated 05.01.2021 placed with M/s APS Hydro for similar nature of works.

In the aforesaid order , Rate of the particular item was Rs : 1210.00 /sq mtr and considering price index escalation factor considered @17.37%.

Hence , considering executed quantity 459.05sq mter TFI come to Rs .6,51,933.63.

Total Value of Extra Items (till date): ₹ 2,08,60,913.44

a) Total value including BOQ excess + Extra items: ₹ 10,34,33,228.78

b) % Deviation due to Extra Items over contract value: (+41.16%)

Finance has accorded concurrence subject to the approval from competent authority as per DoP " Clause No. 14.1, Section-I. & ED (O&M) is authorized to accord final technical approval.

Submitted for recommendation please.

ID: 012
Noted By: Amrit kumar Borah
Noted On: 17/07/2025 Time : 10:05:09

Forwarded To : Ashim jyoti Bordoloi

For the order awarded to M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd. For Civil works pertaining to R&M and LE of 2x23MW Khandong Power Station the item for providing False ceiling was not incorporated in the Contract.

As False sealing was essential for proper Air conditioning and illumination, the same was executed as an extra work at rate as per our recent Work Order executed in the Civil Package works of Kopili Power Station. As detailed at note 001 total cost involvement for this extra work of False sealing of Khandong PS was RS. 6,51,933.63 (exclusive of applicable GST).

Considering this, total post-award variation for extra cost w.r.t. the original Contract sum comes to (+) 41.16%.

The same has been examined at site C&P and site Finance has accorded concurrence. Recommended for technical approval from the ED as per the DOP Clause No. 14.1 of DOP, Sec-I.

ED,O&M,NEEPCO, HOP.KHPS

ID: 013
Noted By: Ashim jyoti Bordoloi

Noted On: 17/07/2025 Time : 16:47:14

Forwarded To : Bijit Kr. Goswami

May please be seen.

ID: 014
Noted By: Bijit Kr. Goswami
Noted On: 18/07/2025 Time : 08:44:30

Forwarded To : Joypal Roy

Preceding FLM notes and attachments may kindly be referred.

The proposal is regarding fixing the analyzed rate of the extra item no. 7 and subsequently technical approval to the deviation due to the inclusion of the Extra item up to 13th RA bills.

M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad was awarded the Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam on 01.05.2023 and at present almost of the works have been completed.

This particular proposal for analysis of rate against extra item No.7: False Ceiling & Partition works.

The detailed of analysis of rate for the extra item no. 7 has been explained in the attachment-***Analysis*** in current section for similar nature of works carried out by M/s APS Hydro in Kopili PS.

As per trailing notes and attachments, up to 13th RA bill, due to execution of false ceiling and associated works an additional amount of Rs. 6,51,933.63 for the extra works.

Hence summary of the deviation up to 13th RA bill stand as follows (incl. taxes & cess):

1. Original Contract Value: Rs. 25,13,23,555.32
2. Total Executed Value (up to 13th RA Bill): Rs. 23,14,11,818.04
3. Total Value of Extra Items (till date): Rs. 2,08,60,913.44
4. Total value including BOQ excess + Extra items: Rs. 10,34,33,228.78
5. % Deviation due to Extra Items over contract value: **+41.16%**

The deviation statement is attached in current section.

Thus, the proposal has been recommended by HOP: KHPS for obtaining the following approval:

1. Technical Approval: In terms of Clause No.-14.1, Sec-I of DOP, ED(O&M), is empowered for Technical approval for the instant proposal after obtaining Technical clearance from D&E as the variation is more than 25% of Contract value or Rs. 30 crore whichever is lower.

In view of the above, following actions may kindly be taken:

1. The proposal may kindly be forwarded to ED:D&E for obtaining Technical clearance.
2. On obtaining "Technical clearance" from ED:D&E Technical Approval may kindly be accorded by ED(O&M) for forwarded the same to HOP: KHPS their further needful action as the variation is still less than total contract value.

Submitted please.

ID: 015
Noted By: Joypal Roy
Noted On: 21/07/2025 Time : 11:28:24

Forwarded To : Bijit Kr. Goswami

Trailing notes are referred.

The subject proposal is endorsed for examination at D&E Department and Technical Clearance, please.

ID: 016
Noted By: Bijit Kr. Goswami
Noted On: 21/07/2025 Time : 18:13:46

Forwarded To : Kulendra Nath Sarmah

For needful, please.

ID: 017
Noted By: Kulendra Nath Sarmah
Noted On: 22/07/2025 Time : 10:21:57

Forwarded To : Sitangshu Dhar

For needful please.

ID: 018
Noted By: Sitangshu Dhar
Noted On: 25/07/2025 Time : 15:10:47

Forwarded To : Hemanta Choudhury

Please examine and putup.

ID: 019
Noted By: Hemanta Choudhury
Noted On: 27/07/2025 Time : 22:49:11

Forwarded To : Biswanath Sarkar

Preceding FLM notes and attachments may kindly be referred to.

The instant proposal for providing False Ceiling in Khandong Power House (mentioned as extra item No. 7) has been examined at this end. The item of has been executed as per the technical requirement of powerhouse control room floor.

Technical clearance for the instant proposal form D&E may please be granted by the competent authority.

Put up for kind needful please.

ID: 020
Noted By: Biswanath Sarkar
Noted On: 29/07/2025 Time : 12:50:31

Forwarded To : Hemanta Choudhury

Trailing workflow notes have been referred.

The workflow note #0020 of DGM(Tech) is endorsed and technical clearance on the proposal may be given.

Submitted please.

ID: 021
Noted By: Hemanta Choudhury
Noted On: 30/07/2025 Time : 17:38:26

Forwarded To : Sitangshu Dhar

Recommended for technical concurrence please.

ID: 022
Noted By: Sitangshu Dhar
Noted On: 31/07/2025 Time : 14:10:00

Forwarded To : Kulendra Nath Sarmah

Technical concurrence accorded.

ID: 023
Noted By: Kulendra Nath Sarmah
Noted On: 31/07/2025 Time : 16:29:41

Forwarded To : Bijit Kr. Goswami

On receipt of Technical Clearance of D&E department, Technical Approval is hereby accorded.

For further needful please.

ID: 024
Noted By: Bijit Kr. Goswami
Noted On: 31/07/2025 Time : 17:25:04

Forwarded To : Ashim jyoti Bordoloi

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for further needful please.

ID: 025
Noted By: Ashim jyoti Bordoloi
Noted On: 31/07/2025 Time : 21:48:58

Forwarded To : Amrit kumar Borah

Technical approval accorded by ED(O&M). Forwarded for needful please.

ID: 026
Noted By: Amrit kumar Borah
Noted On: 01/08/2025 Time : 09:26:33

Forwarded To : Utpal Borah

Trailing note please.

For further needful please.

ID: 027
Noted By: Utpal Borah
Noted On: 01/08/2025 Time : 14:51:18

Forwarded To : Bhupen Borkakati

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED NOTE

(Mini Ratna, Category-I, Government of India Enterprise)

File Number: Note Sheet/CW/HSM - II/KH-044/121/KHEP/09/04/2025

Basic Details

FileType: Note Sheet	
Subject: Submission of analysis for Extra item No.6 against Civil works pertaining to Res	
Created On : 09/04/2025 **Time :**22:22:05	**Status:** In Process
Created By: Bhupen Borkakati	**Last Changed By:** Parag Saikia

File Workflow

Creator : Bhupen Borkakati (09/04/2025 22:36:45)

Processor - 1: Utpal Borah (20/04/2025 19:23:45)
Processor - 2: Susanta Deka (21/04/2025 10:47:04)
Processor - 3: Amrit kumar Borah (21/04/2025 15:36:11)
Processor - 4: Gautam Kumar (29/04/2025 12:31:02)
Processor - 5: Amrit kumar Borah (29/04/2025 12:43:46)
Processor - 6: Utpal Borah (30/04/2025 05:58:12)
Processor - 7: Bhupen Borkakati (06/05/2025 18:45:32)
Processor - 8: Utpal Borah (07/05/2025 18:50:45)
Processor - 9: Amrit kumar Borah (08/05/2025 09:36:38)
Processor -10: Gautam Kumar (13/05/2025 17:54:50)
Processor -11: Amrit kumar Borah (13/05/2025 18:03:05)
Processor -12: Utpal Borah (18/05/2025 22:13:21)
Processor -13: Bhupen Borkakati (24/05/2025 13:00:54)
Processor -14: Utpal Borah (24/05/2025 13:48:39)
Processor -15: Amrit kumar Borah (24/05/2025 16:00:29)
Processor -16: Gautam Kumar (29/05/2025 17:25:24)
Processor -17: Amrit kumar Borah (30/05/2025 10:11:57)
Processor -18: Dinesh Inrugbam (03/07/2025 11:51:18)
Processor -19: Amrit kumar Borah (03/07/2025 15:44:47)
Processor -20: Utpal Borah (03/07/2025 16:14:36)
Processor -21: Bhupen Borkakati (04/07/2025 16:15:05)
Processor -22: Siddhartha Chowdhary (05/07/2025 11:16:46)
Processor -23: Bhupen Borkakati (05/07/2025 18:03:36)
Processor -24: Utpal Borah (06/07/2025 15:31:26)
Processor -25: Amrit kumar Borah (07/07/2025 10:50:43)
Processor -26: Dinesh Inrugbam (13/07/2025 15:43:51)
Processor -27: Amrit kumar Borah (14/07/2025 16:56:19)
Processor -28: Dinesh Inrugbam (21/07/2025 12:47:11)
Processor -29: Amrit kumar Borah (23/07/2025 11:19:33)
Processor -30: Dinesh Inrugbam (23/07/2025 11:53:37)
Processor -31: Amrit kumar Borah (23/07/2025 15:44:30)
Processor -32: Ashim jyoti Bordoloi (24/07/2025 09:05:06)
Processor -33: Amrit kumar Borah (24/07/2025 09:58:06)
Processor -34: Utpal Borah (26/07/2025 12:47:43)
Processor -35: Amrit kumar Borah (26/07/2025 16:43:42)
Processor -36: Ashim jyoti Bordoloi (03/08/2025 12:22:36)
Processor -37: Amrit kumar Borah (05/08/2025 16:17:07)
Processor -38: Gautam Kumar (14/08/2025 16:23:37)

Processor -39: Amrit kumar Borah (16/08/2025 10:24:52)
Processor -40: Ashim jyoti Bordoloi (21/08/2025 11:11:15)
Processor -41: Bijit Kr. Goswami (21/08/2025 13:12:10)
Processor -42: Joypal Roy (22/08/2025 11:21:25)
Processor -43: Bijit Kr. Goswami (22/08/2025 13:22:55)
Processor -44: Kulendra Nath Sarmah (22/08/2025 13:35:00)
Processor -45: Sitangshu Dhar (27/08/2025 10:35:03)
Processor -46: Hemanta Choudhury (27/08/2025 14:36:55)
Processor -47: Dipjyoti Sarma (28/08/2025 13:00:29)
Processor -48: Hemanta Choudhury (28/08/2025 15:11:26)
Processor -49: Sitangshu Dhar (29/08/2025 10:03:59)
Processor -50: Kulendra Nath Sarmah (29/08/2025 12:29:03)
Processor -51: Bijit Kr. Goswami (29/08/2025 13:51:43)
Processor -52: Ashim jyoti Bordoloi (31/08/2025 07:46:08)
Processor -53: Amrit kumar Borah (01/09/2025 09:41:39)
Processor -54: Parag Saikia (03/09/2025 10:31:10)
Processor -55: Bhupen Borkakati (00/00/0000 00:00:00)

File Description

Subject: Submission of analysis for Extra item No.6 against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam.

Created By : Bhupen Borkakati
Created On :09/04/2025 22:35:37
With Department : Analysis for Extra item No.6
Forwarded To: Utpal Borah

File Attachments

Attachments :

Disscount_mail; **Created By :**Gautam Kumar; **Uploaded on :**14/08/2025 16:22:36
Guidelines_for_River_Vallyer_Projects; **Created By :**Gautam Kumar; **Uploaded on :**13/05/2025 16:39:40
Classification_of_cities_for_Wages; **Created By :**Gautam Kumar; **Uploaded on :**29/04/2025 12:30:21
CLC-rate-from-01.04.2024; **Created By :**Gautam Kumar; **Uploaded on :**29/04/2025 12:27:57
CLC-rates-from-01.10.2023; **Created By :**Gautam Kumar; **Uploaded on :**29/04/2025 12:27:33
Minutes; **Created By :**Bhupen Borkakati; **Uploaded on :**09/04/2025 22:30:59
Analysis; **Created By :**Bhupen Borkakati; **Uploaded on :**09/04/2025 22:29:40
Statement; **Created By :**Bhupen Borkakati; **Uploaded on :**09/04/2025 22:28:34
WorkOrder; **Created By :**Bhupen Borkakati; **Uploaded on :**09/04/2025 22:26:46
Rate-Analysis-3rd-Revision; **Created By :**Siddhartha Chowdhary; **Uploaded on :**05/07/2025 11:05:02
Cess-Collection-LC; **Created By :**Siddhartha Chowdhary; **Uploaded on :**04/07/2025 17:27:54
RateAnalysis; **Created By :**Bhupen Borkakati; **Uploaded on :**24/05/2025 12:59:23
Notesheet2; **Created By :**Bhupen Borkakati; **Uploaded on :**24/05/2025 12:58:18
Enclo5; **Created By :**Bhupen Borkakati; **Uploaded on :**06/05/2025 18:41:52
Enclo4; **Created By :**Bhupen Borkakati; **Uploaded on :**06/05/2025 18:41:24
Enclo3; **Created By :**Bhupen Borkakati; **Uploaded on :**06/05/2025 18:40:58
Enclo2; **Created By :**Bhupen Borkakati; **Uploaded on :**06/05/2025 18:40:35
Enclo1; **Created By :**Bhupen Borkakati; **Uploaded on :**06/05/2025 18:40:02
Notesheet; **Created By :**Bhupen Borkakati; **Uploaded on :**06/05/2025 18:39:34

File Notings

Subject:Submission of analysis for Extra item No.6 against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam.

Ref.: (i) Agreement No. NEEPCO/QP/ED/C&P/R/C/KHPS-CW/708 of 2023-2024 dtd. 21.06.2023
(ii) L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023
(iii) D.W.O. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/157dtd. 12.05.2023.

The above-mentioned work was awarded to the Contractor M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad on 01.05.2023 vide L.O.I. No. under reference (ii) above. The detailed work order was also issued vide reference (iii) above. Presently the work is in progress. Provisional Time Extension has been granted up to 31.03.2025 and further 2nd Provisional Time Extension up to 30.06.2025 has also been proposed.

Extra Item No.6: Supplying, providing and filling the expansion joints with joint filler boards, Polysulphide sealant (STP make) and sticking 2mm thick expansion joint membrane of size (200mm to 300mm) with the help of epoxy adhesive after cleaning the existing expansion joints by manual/electric equipment and including all labour and materials as per technical specification and direction of the Engineer in-charge.

The work for Expansion joint treatment at Khandong Power House Building (2x23MW) was decided to execute by the Higher Authority to stop heavy leakages at the Power House Building. As instructed, sample testing at selected portion of expansion joint was performed satisfactorily by the Contractor. But the item for providing the same is not in the BOQ of the Contract. Hence, it was decided by the Higher Authority to consider it as Extra item. It was also recorded in the Progress Review Meeting held on 14th March-2024 to carry out the work (Copy attached here with).

Accordingly, the work has been successfully completed as per requirement and as directed by the Engineer in-charge. But, during execution of the work, it was observed that, all the materials shall not be required at all the joints. Moreover, scaffolding was required at vertical joints and ceiling portion only.

In view of the above points, it was decided and instructed the Contractor to submit the Rate analysis after completion of the work in all respect considering actual measurement of quantity/materials. Accordingly, the analysis of the Rate submitted by the Contractor has been scrutinized and found the cost involvement for the extra item is as follows:

Sl. No.	Item Description	Unit	Qnty	Rate in Rs.	Amount in Rs.
1	**Extra item No.6**: Supplying, providing and filling the expansion joints with joint filler boards ……	Rm	650.73	6694.41	43,56,253.00

As per Contract Clause No.33 of Conditions of Contract, the analysis of the Rates submitted by the Contractor has been scrutinized and found the cost involvement for extra items are as follows:

* The total Contract value of the work: **Rs. 25,13,23,555.32**

*The total up to date executed value (up to 11th RA bill): **Rs. 19,70,87,033.35**

*The total up to date value for Extra items: **Rs. 1,53,72,420.70**

*The total up to date value in excess of BOQ quantity plus extra items: **Rs. 8,79,19,446.61**

*The percentage of Deviation against Extra items is **(+)34.98%** above total Contract sum.

The proposal is submitted for technical approval from the Competent Authority as per the DOP Clause No. 14.1.

Put up for favour of kind perusal and further needful please.

Enclo: As stated above.

WorkOrder

Statement

Analysis

Minutes

ID: 001
Noted By: Bhupen Borkakati
Noted On: 09/04/2025 Time : 22:34:27

Forwarded To : Utpal Borah

Trailing note of DM(C) pl.

The need of execution of the item (as *Extra Work*) has been explained through the note of DM(C) at ID001. It is agreed that the treatment was required at the Khandong Power House Building(2x23MW) so as to arrest rain water seepages through the old *expansion joints* (horizontal & vertical) of structural members of the building. The long-standing critical problem of the PH was also discussed during the visit of the review consultant of D&E wing during R&M work and as suggested the work was taken up by the Engineer-In-Charge through the extant contract.

The scope of work covered was providing, filling the expansion joints with joint filler boards (25mm thick), Polysulphide sealant (STP make) and sticking 2mm thick expansion-joint membrane of size (200mm to 300mm) with the help of epoxy adhesive after cleaning the existing expansion joints by manual/electric equipment. The work has been successfully completed as per site requirement and with proper methodology.

As per the conditions of Contract (Cl. no. 33), the analysis of Rates of the extra item as submitted by the Contractor has been examined and forwarded for obtaining technical approval. The financial implication for execution this extra item is Rs. 43,56,253.00 (incl. GST). In view of inclusion of the item to the contract the deviation has been recorded as below.

The original contract sum: Rs. 25,13,23,555.32

The total executed value of work up to 11th RA bill (as on date): Rs. 19,70,87,033.35

The total up-to-date value for Extra items executed: Rs. 1,53,72,420.70

The total up-to-date value *in excess of BOQ quantity plus Extra items*: Rs. 8,79,19,446.61

The percentage of variation is (+) 34.98% over the total Contract sum.

It is recommended to accord technical approval in terms of the DOP Clause No. 14.1 as ED is empowered to accord such approval.

Put up for kind perusal and approval.

ID: 002
Noted By: Utpal Borah
Noted On: 20/04/2025 Time : 19:21:48

Forwarded To : Susanta Deka

कृपया पूर्ववर्ती नोट्स देखें,

Please examine and put up.

ID: 003
Noted By: Susanta Deka
Noted On: 21/04/2025 Time : 10:46:38

Forwarded To : Amrit kumar Borah

Please examine the proposal and prepare a note for further process.

ID: 004
Noted By: Amrit kumar Borah
Noted On: 21/04/2025 Time : 15:33:27

Forwarded To : Gautam Kumar

A proposal duly recommended by CGM (Tech) HSM for "analysis for Extra item No.6 against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam" is received and following observations are made:

1. Executing authority may be requested to attach the invoice of the materials utilized as annexure-I
2. Rate Rs. 240.15 is for Providing and fixing double scaffolding system are as per DSR 2023 excluding GST,CPOH & labour cess. It is to mention here that CPOH shall be 15% on DSR items instead of 20%. Further, executing authority has converted the unit of scaffolding item from

"Sqm" to Meter to arrive the the total cost of the expansion joint treated which is in meter. As stated by Dy Mgr. (C) HSM in his Note 001 ,"scaffolding was required at vertical joints and ceiling portion only". Considering the fact scaffolding item may be treated as separate item and calculation of rates may be done as per DSR (2023) item No. 14.72 with unit of measurement "SQM' having actual executed quantity 987.390 SQM.

3. Executing authority may be requested to provide the reference of the rates of equipment as mentioned in annexure-III.
4. Direct Charges which are basic wages of different category of labours (Highly skilled. Skilled, Semiskilled and unskilled) , shall be as per CLC rates area wise category C (Dima Hasao Region falls under category C). Since the workers were engaged w.e.f 15.03.2024 to 23.08.2024. applicability of basic rates shall be as per CLC rate vide order File No. 1 /8(i)/2023-LS-II dated: 26.09.2023 for time period w.e.f 15.03.2024 to 31.03.2024 and File No. 1 / 7(1)/2024-LS-II dated: 01.03/04.2024 for time period w.e.f 01.04.2024 to 23.08.2024. Indirect charges shall be as per river valley project guidelines as incorporated by executing authority in annexure -iv.
5. Executing authority may be requested to provide the reference for rate- "(B) Add cost of facilities on (A) i) electricity charges which is @2%.
6. cost incurred for work shed as mentioned in Clause No. c-i) for work shed and water supply is included in the 20% contractor's profit and overhead charges and in the indirect charges incurred in manpower cost respectively. (refer clause 3.5 and Annexure. II at page No. 66 of the "Guidelines for preparation of project estimates for river valley projects). Therefore, additional cost @3.2% for "preliminary and enabling works such as work sheds, water supply etc. may not be applicable.

Submitted for your kind perusal and further needful please.

Classification_of_cities_for_Wages

CLC-rate-from-01.04.2024

CLC-rates-from-01.10.2023

ID: 005
Noted By: Gautam Kumar
Noted On: 29/04/2025 Time : 12:30:54

Forwarded To : Amrit kumar Borah
Attachments : Classification_of_cities_for_Wages**; Uploaded on :**29/04/2025 12:30:21
Attachments :CLC-rate-from-01.04.2024**; Uploaded on :**29/04/2025 12:27:57
Attachments :CLC-rates-from-01.10.2023**; Uploaded on :**29/04/2025 12:27:33

Please refer the notes recorded by Dy Manager (C).at work flow005 .

For further process of the proposal for " analysis of Extra item No.6 against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam" need supporting documents as recorded.

Submitted please.

ID: 006
Noted By: Amrit kumar Borah
Noted On: 29/04/2025 Time : 12:43:02

Forwarded To : Utpal Borah

Trailing note.

For submission of required documents as suggested by C&P.

ID: 007
Noted By: Utpal Borah

Noted On: 30/04/2025 Time : 05:57:39

Forwarded To : Bhupen Borkakati

Trailing notes may kindly be seen.

The observations of C&P Wing against the Analysis in Workflow005 has been seen and point wise reply is submitted here with and found the cost involvement for the extra item is as follows:

Sl. No.	Item Description	Unit	Qnty	Rate in Rs.	Amount in Rs.
1	**Extra item No.6**: Supplying, providing and filling the expansion joints with joint filler boards ……	Rm	650.73	6676.81	43,44,800.57

The detail cost involvement for the extra item is as follows:

* The total Contract value of the work: **Rs. 25,13,23,555.32**

*The total up to date executed value (up to 11th RA bill): **Rs. 19,70,75,580.51**

*The total up to date value for Extra items: **Rs. 1,53,60,967.85**

*The total up to date value in excess of BOQ quantity plus extra items: **Rs. 8,79,07,993.77**

*The percentage of Deviation against Extra items is **(+)34.98%** above total Contract sum.

Put up for favour of kind perusal and further needful please.

Enclo:

Notesheet

Enclo1

Enclo2

Enclo3

Enclo4

Enclo5

ID: 008
Noted By: Bhupen Borkakati
Noted On: 06/05/2025 Time : 18:38:23

Forwarded To : Utpal Borah
Attachments : Enclo5**; Uploaded on :**06/05/2025 18:41:52
Attachments : Enclo4**; Uploaded on :**06/05/2025 18:41:24
Attachments : Enclo3**; Uploaded on :**06/05/2025 18:40:58
Attachments : Enclo2**; Uploaded on :**06/05/2025 18:40:35
Attachments : Enclo1**; Uploaded on :**06/05/2025 18:40:02
Attachments : Notesheet**; Uploaded on :**06/05/2025 18:39:34

Trailing note please.

Necessary documents as suggested furnished for further needful please.

ID: 009
Noted By: Utpal Borah
Noted On: 07/05/2025 Time : 18:49:48

Forwarded To : Amrit kumar Borah

Please go through the reply and record for further processing of the proposal.

ID: 010
Noted By: Amrit kumar Borah
Noted On: 08/05/2025 Time : 09:36:08

Forwarded To : Gautam Kumar

Trailing notes and "Note sheet" attached under "reference" section may be seen please.

1. Executing authority has adopted direct charges (Daily basic wages from the salary statement submitted by the contrator M/s Vijetha Eng.. and indirect charges from CWC river valley project guidelines. It is to mention here that the Clause No. 3.3 (Labour Cost) of GUIDELINES FOR PREPARATION OF PROJECT ESTIMATES FOR RIVER VALLEY PROJECTS (SECOND REVISED EDITlON) (attached herewith) states that *"The wages of workers are periodically revised by the State under statutory labour laws . Daily wages rate, therefore should be taken as those prevalent in the states at the time of formulation of the project".* Since executing authority is calculating rate analysis as per River valley Guidelines, therefore, Labour cost (basic daily wages + indirect cost) may also be consider as per the CWC river valley guidelines. Further, applicability of basic daily wages is explained at Sl. No. 4 of Note ID 005 below.
2. As replied by executing authority at Sl.No. 05 in his notesheet (attached), a lumpsum 3.2 % of prime cost is considered for cost of enabling of works. However, there is no specific guideline regarding applicability of the "cost of enabling works" in river valley project guidelines. Therefore, executing authority maybe requested to review the applicability of the "cost of enabling works".

Submitted for your kind perusal and further needful please.

Guidelines_for_River_Vallyer_Projects

ID: 011
Noted By: Gautam Kumar
Noted On: 13/05/2025 Time : 12:31:14

Forwarded To : Amrit kumar Borah
Attachments : Guidelines_for_River_Vallyer_Projects**; Uploaded on :**13/05/2025 16:39:40

Please refer trailing notes recorded by Dy Manager (c) C&P.

The proposal is forwarded for endorse on applicability of the "cost of enabling works" in river valley project guidelines.

Submitted please.

ID: 012
Noted By: Amrit kumar Borah
Noted On: 13/05/2025 Time : 18:02:20

Forwarded To : Utpal Borah

Trailing note pl.

For reply to the observation of C&P pl.

ID: 013
Noted By: Utpal Borah
Noted On: 18/05/2025 Time : 22:10:24

Forwarded To : Bhupen Borkakati

Trailing notes may kindly be seen.

The observations of C&P Wing against the Analysis in Workflow011 has been seen and point wise reply is submitted here with and found the cost involvement for the extra item is as follows:

Sl. No.	Item Description	Unit	Qnty	Rate in Rs.	Amount in Rs.
1	**Extra item No.6**: Supplying, providing and filling the expansion joints with joint filler boards ……	Rm	650.73	6399.45	41,64,314.10

The detail cost involvement for the extra item is as follows:

* The total Contract value of the work: **Rs. 25,13,23,555.32**

*The total up to date executed value (up to 11th RA bill): **Rs. 19,68,95,094.03**

*The total up to date value for Extra items: **Rs. 1,51,80,481.38**

*The total up to date value in excess of BOQ quantity plus extra items: **Rs. 8,77,27,507.29**

*The percentage of Deviation against Extra items is **(+)34.91%** above total Contract sum.

Put up for favour of kind perusal and further needful please.

Enclo:

Notesheet2

RateAnalysis

ID: 014
Noted By: Bhupen Borkakati
Noted On: 24/05/2025 Time : 13:00:33

Forwarded To : Utpal Borah
Attachments : RateAnalysis**; Uploaded on :**24/05/2025 12:59:23
Attachments : Notesheet2**; Uploaded on :**24/05/2025 12:58:18

Trailing note please.

The observation of C& P is noted and replied at ID 0014.

Submitted for further needful please.

ID: 015
Noted By: Utpal Borah
Noted On: 24/05/2025 Time : 13:48:05

Forwarded To : Amrit kumar Borah

Please examine and put up for further process.

ID: 016
Noted By: Amrit kumar Borah
Noted On: 24/05/2025 Time : 15:59:59

Forwarded To : Gautam Kumar

A proposal duly recommended by CGM (Tech) HSM for "analysis for Extra item No.6 against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam" is received and following observations are made:

1. The above-mentioned work was awarded to the Contractor M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad on 01.05.2023 vide work order No. . NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/157dtd. 12.05.2023. Presently the work is in progress.
2. The work for Expansion joint treatment at Khandong Power House Building (2x23MW) was decided to execute by the Higher Authority to stop heavy leakages at the Power House Building.
3. The work "Supplying, providing and filling the expansion joints with joint filler boards, Polysulphide sealant (STP make) and sticking 2mm thick expansion joint membrane of size (200mm to 300mm) with the help of epoxy adhesive after cleaning the existing expansion joints by manual/electric equipment and including all labour and materials as per technical specification and direction of the Engineer in-charge" was not in the scope of the work referred above. Therefore, Executing authority has considered this item as "extra item.

4. Accordingly, the work was successfully completed as per requirement and as directed by the Engineer in-charge.
5. executing authority has put up the rate anaysis submitted by the contractor against the successfully completed "extra item" mentioned above.
6. As per the observations of C&P wing KHPS, executing authority resubmitted the estimate and revised TFI against the extra item no. 06 comes Rs. 41,64,314.00 including GST.
7. As mentioned by executing authority, total original contract value - **Rs. 25,13,23,555.32 including GST**. and total up to date value in excess of BOQ quantity plus extra items: **Rs. 8,77,27,507.29 including GST**. The percentage of deviation for value of excess quantity and extra items arrives **(+) 34.91 %** above original contract sum.
8. Accordingly, executing authority has submitted the instant proposal for technical approval in terms of DOP clause No. 14.1 Sec-I.
9. In terms of DOP clause no. 14.1 Sec-I, ED (O&M) is empowered to accord the technical approval subject to remarks at column No. 9.

Submitted for your kind perusal and further needful please.

ID: 017
Noted By: Gautam Kumar
Noted On: 29/05/2025 Time : 17:07:22

Forwarded To : Amrit kumar Borah

Please refer the trailing notes recorded by Manager (C) of C&P.

Vide order no NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/157dtd. 12.05.2023 the scope of work "Analysis for Extra item No.6 against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam" was awarded with M/s Sri Vijetha and the work is under progress.

The scope " Supplying, providing and filling the expansion joints with joint filler boards, Polysulphide sealant (STP make) and sticking 2mm thick expansion joint membrane of size (200mm to 300mm) with the help of epoxy adhesive after cleaning the existing expansion joints by manual/electric equipment and including all labour and materials as per technical specification and direction of the Engineer in-charge" . was not in the original order but bound to carry out to stop the leakage in expansion joint, hence it is considered as extra item

Work was completed successfully and submitted a revised financial involvement against the extra item no. 06 for Rs. 41,64,314.00 including GST.

The percentage of Deviation against Extra items is **(+)34.91%** on total Contract value.

Accordingly, executing authority has submitted the instant proposal for technical approval in terms of DOP clause No. 14.1 Sec-I.

In terms of DOP clause no. 14.1 Sec-I, ED (O&M) is empowered to accord the technical approval subject to remarks at column No. 9.

The proposal is forwarded for site finance concurrence before sending for according technical approval.

ID: 018
Noted By: Amrit kumar Borah
Noted On: 30/05/2025 Time : 10:11:19

Forwarded To : Dinesh Inrugbam

A proposal recommended by CGM (Tech) HSM for "analysis for Extra item No.6 against Civil works "Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam" exetuted by Shri Vijetha is examined in finance.

1. It has been observed that a 1% Building Cess has been applied on the Basic Value. However, Building Cess is not applicable in Assam. Kindly review and make the necessary corrections.

2. It is request to mentioned with document for particular work where the electricity was utilized . The Electricity charge 2% may be calculated on that particular work not for all works.

The intending Department may please provide the justification on above two observation.

Submitted.

ID: 019
Noted By: Dinesh Inrugbam
Noted On: 03/07/2025 Time : 11:31:36

Forwarded To : Amrit kumar Borah

Please refer the trailing notes of M(F).

The proposal is forwarded the review as recorded by M(F).

Submitted please.

ID: 020
Noted By: Amrit kumar Borah
Noted On: 03/07/2025 Time : 15:44:16

Forwarded To : Utpal Borah

Trailing note .

Please justify on the points raised by finance.

ID: 021
Noted By: Utpal Borah
Noted On: 03/07/2025 Time : 16:14:03

Forwarded To : Bhupen Borkakati

Trailing notes may kindly be seen.

As discussed, forwarded for further needful please.

ID: 022
Noted By: Bhupen Borkakati
Noted On: 04/07/2025 Time : 16:00:41

Forwarded To : Siddhartha Chowdhary

Trailing Notes-

Observations at ID0019 are replied as such-

1.) Review of 1% Building Cess- The noting for review and making necessary corrections have been complied with and component of 1% Building Cess has been removed.

However, it maybe mentioned that upon seeking justification from the contractor M/S Shri Vijetha , they have made aware a notification with no. BOCWWB/IMP/CESS/PT.III/2022/392 Dated 01/08/2022 on the website of "labourcommissioner.assam.gov.in" with instructions to submit Building & Welfare Cess through Online Mode for works above 10 Lakh.

Further, it is viewed that a circular maybe issued by the F&A wing, regarding non-inclusion of 1% Building Cess in drafting of estimates, especially on the ones based on DSR Items, as all the Items Of Work mentioned in the DSR-2023 have a component of 1% Cess added by default.

2) Electricity charges - The contractor M/S Vijetha has conveyed that it was not feasible to keep work component specific electricity consumption record and hence no documents can be submitted.

As such the electricity charges have been revised to Rs.0.00.

Taking in view of the above reviews, the revised analyzed rate works out to Rs. 6221.54 Per Meter (Incl. GST).

Put up for further perusal please.

ID: 023
Noted By: Siddhartha Chowdhary
Noted On: 04/07/2025 Time : 17:24:36

Forwarded To : Bhupen Borkakati
Attachments : Rate-Analysis-3rd-Revision**; Uploaded on :**05/07/2025 11:05:02
Attachments : Cess-Collection-LC**; Uploaded on :**04/07/2025 17:27:54

Trailing notes may kindly be seen.

The observations of Finance Wing, KHPS against the Analysis in Workflow-019 has been attended and re-submitted the 3rd Revision Analysis amounting to the cost involvement for the extra Item No. 6 is as follows:

Sl. No.	Item Description	Unit	Qnty	Rate in Rs.	Amount in Rs.
1	**Extra item No. 6**: Supplying, providing and filling the expansion joints with joint filler boards	Rm	650.73	6221.54	40,48,542.72

The detail cost involvement for the extra item is as follows:

* The total Contract value of the work: **Rs. 25,13,23,555.32**

*The total up to date executed value (**up to 11th RA bill**): **Rs. 19,67,79,322.66**

*The total up to date value in excess of BOQ quantity plus extra items: **Rs. 8,76,11,735.92**

*The percentage of Deviation against Extra items is **(+)34.86%** above total Contract sum.

Put up for favour of kind perusal and further needful please.

Rate-Analysis-3rd-Revision

ID: 024
Noted By: Bhupen Borkakati
Noted On: 05/07/2025 Time : 18:02:00

Forwarded To : Utpal Borah

Trailing note.

Proposal resubmitted with clarification as at ID 0024 & 0023.

ID: 025
Noted By: Utpal Borah
Noted On: 06/07/2025 Time : 15:30:37

Forwarded To : Amrit kumar Borah

As desired by finance the executing authority has clarified the points.

Submitted for further scrutiny and finance concurrence for further process of the proposal.

ID: 026
Noted By: Amrit kumar Borah
Noted On: 07/07/2025 Time : 10:50:06

Forwarded To : Dinesh Inrugbam

Proposal for Analysis of Extra Item No. 06 – Civil Works for Expansion Joint Treatment at Khandong Power Station (2×23 MW), Umrongso, Assam is review in finance

Key Points:

-The restoration and R&M civil works for Khandong Power Station were awarded to M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad with contract value of ₹25,13,23,555.32 (incl. GST). The Work is currently in progress.

-Expansion Joint Treatment was not part of the original BOQ/scope and the item became essential due to heavy water leakage in the Power House Building.

-Revised TFI for Extra Item No. 06 (submitted by contractor and analyzed by executing authority): ₹41,64,314.00 (incl. GST)

Overall Deviation from Contract Value:

- Value of excess quantity + extra items: **₹8,76,11,735.92** (incl. GST)
- Deviation over original contract value: +34.68%

The proposal recommended by CGM HSM for approval of Extra Items 6 is agreed in finance subject to the approval from competent authority as per DoP Clause No. 14.1 Sec-I, where ED (O&M) is the competent authority.

Submitted

ID: 027
Noted By: Dinesh Inrugbam
Noted On: 13/07/2025 Time : 15:43:37

Forwarded To : Amrit kumar Borah

As discussed ,returned the proposal for review.

ID: 028
Noted By: Amrit kumar Borah
Noted On: 14/07/2025 Time : 16:54:10

Forwarded To : Dinesh Inrugbam

Workflow 0027 may please be seen

ID: 029
Noted By: Dinesh Inrugbam
Noted On: 21/07/2025 Time : 12:46:59

Forwarded To : Amrit kumar Borah

Deviation percentage as calculated by executing wing and finance is not matches.

Please confirm.

ID: 030
Noted By: Amrit kumar Borah
Noted On: 23/07/2025 Time : 11:18:55

Forwarded To : Dinesh Inrugbam

Deviation over original contract value +34.86% is corrected.

Submittted

ID: 031
Noted By: Dinesh Inrugbam
Noted On: 23/07/2025 Time : 11:53:25

Forwarded To : Amrit kumar Borah

Site finance has scrutinised and agreed with the proposal for analysis of rate for " Extra item No.6 against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam"

The contract was awarded with M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad and Work is currently in progress.

The scope " Supplying, providing and filling the expansion joints with joint filler boards, Polysulphide sealant (STP make) and sticking 2mm thick expansion joint membrane of size (200mm to 300mm) with the help of epoxy adhesive after cleaning the existing expansion joints by manual/electric equipment and including all labour and materials as per technical specification and direction of the Engineer in-charge" . was not in the original order but bound to carry out to stop the leakage in expansion joint, hence it is considered as extra item.

Work was completed successfully and submitted a revised financial involvement against the extra item no. 06 for Rs. 40,48,542.72 based on analysis rate and executed quantity.

Financial Summary (incl. taxes & cess) will be as follows:

The total Contract value of the work: **Rs. 25,13,23,555.32**

*The total up to date executed value (**up to 11th RA bill**): **Rs. 19,67,79,322.66**

*The total up to date value in excess of BOQ quantity plus extra items: **Rs. 8,76,11,735.92**

*The percentage of Deviation against Extra items is **(+)34.86%** above total Contract sum.

Accordingly, executing authority has submitted the instant proposal for according technical approval in terms of DOP clause No. 14.1 Sec-I which is recommended by CGM(Tech) HSM.

In terms of DOP clause no. 14.1 Sec-I, ED (O&M) is empowered to accord the technical approval subject to remarks at column No. 9.

Upon evaluation of the proposal at site C&P and subsequent site finance concurrence, the proposal is forwarded for recommendation of HOP for according technical approval please.

ID: 032
Noted By: Amrit kumar Borah
Noted On: 23/07/2025 Time : 15:43:20

Forwarded To : Ashim jyoti Bordoloi

The reasonability / justification of rate of extra item i.e. Rs.6399.45 per unit (referring to note at 0014) may please be recorded.

ID: 033
Noted By: Ashim jyoti Bordoloi
Noted On: 24/07/2025 Time : 09:00:26

Forwarded To : Amrit kumar Borah

Please refer trailing notes of HOP.

Forwarded for clarify the points as sought.

ID: 034
Noted By: Amrit kumar Borah
Noted On: 24/07/2025 Time : 09:57:21

Forwarded To : Utpal Borah

Trailing note please.

Observation of Finance Wing on analysis at ID 0019 has been attended and re-submitted the 3rd Revised Analysis of the item, and the rate is reworked as Rs. 6221.54 Per Meter (Incl. GST) which is also concurred by the Finance wing at ID 0027 is found reasonable for acceptance.

For further needful please.

ID: 035
Noted By: Utpal Borah
Noted On: 26/07/2025 Time : 12:46:22

Forwarded To : Amrit kumar Borah

For reasonability of rates as sought by HOP at work flow 033 is cleared by CGM (Tech) HSM and recorded at 0035.

In the note 0014, rate of the extra item was calculated by the executing authority and finalized for Rs. 6399.45/RM.

However, later on the calculated rate is scrutinized by the site finance and requested to review (work flow 0019).

Accordingly , executing authority has reviewed the rate of the extra item (in 3rd Revised Analysis) and finalized for Rs. 6221.54 Per Meter inclusive of applicable GST which is also concurred by the Finance wing at ID 0027.

Executing authority has submitted the instant proposal for according technical approval in terms of DOP clause No. 14.1 Sec-I which is recommended by CGM(Tech) HSM.

In terms of DOP clause no. 14.1 Sec-I, ED (O&M) is empowered to accord the technical approval subject to remarks at column No. 9.

Upon evaluation of the proposal at site C&P and subsequent site finance concurrence, the proposal is forwarded for recommendation of HOP for according technical approval please.

ID: 036
Noted By: Amrit kumar Borah
Noted On: 26/07/2025 Time : 16:43:02

Forwarded To : Ashim jyoti Bordoloi

We need a confirmation from the vendor for further processing with the newly evaluated price.

It is felt that, better we make a request to the vendor for possible commercial discount on the newly calculated estimateconsidering the good will we have for the ongoing works with NEEPCO.

Fir your needful please.

SR Mgr,C&P, KHPS, HOP,KHPS.

ID: 037
Noted By: Ashim jyoti Bordoloi
Noted On: 03/08/2025 Time : 12:20:32

Forwarded To : Amrit kumar Borah

Please refer the trailing notes of HOP.

Communicate with the contractor for possible commercial discount as directed.

ID: 038
Noted By: Amrit kumar Borah
Noted On: 05/08/2025 Time : 16:16:23

Forwarded To : Gautam Kumar

Trailing notes may be seen please.

1. As directed, the contractor was communicated vide mail dated 11.08.2025 and requested to offer maximum possible discount to arrive the justified and reasonable rate. In reply contractor has acknowledged the provisionally calculated rate of ₹6221.54/Rm (including GST) by NEEPCO and further mentioned that the rate has already undergone several rounds of negotiation, and there exists a substantial reduction from his initially submitted rate to the current provisionally accepted rate.

2. in response to our request for an additional discount, and in the spirit of cooperation and timely finalization, contractor has offered a 0.5% discount on the provisionally calculated rate 6221.54/Rm.

3. After discount, rate arrives Rs. 6190.43 /Rm an revised TFI against extra item No. 06 comes Rs. 40,28,298.51 including GST.

4. The detailed cost involvement for the extra item is as following:

a). Total original contract value - **Rs. 25,13,23,555.32 including GST**.

b). Total up to date executed value (up to 11th RA Bill) - **Rs. 19,67,59,078.45 including GST.**

c). Total up to date value in excess of BOQ quantity plus extra items: **Rs. 8,75,91,491.71 including GST**.

d). The percentage of deviation for value of excess quantity and extra items arrives **(+) 34.85 %** above original contract sum.

5. Accordingly, executing authority has submitted the instant proposal for technical approval in terms of DOP clause No. 14.1 Sec-I.

6. In terms of DOP clause no. 14.1 Sec-I, ED (O&M) is empowered to accord the technical approval subject to remarks at column No. 9.

Submitted for your kind perusal and further needful please.

ID: 039
Noted By: Gautam Kumar
Noted On: 13/08/2025 Time : 16:16:58

Forwarded To : Amrit kumar Borah
Attachments : Disscount_mail**; Uploaded on :**14/08/2025 16:22:36

As directed in the work flow 0037 ,it was communicated with contractor and requested to offer maximum possible discount for the afore said extra item. In reply contractor has stated that the rate is already undergone several rounds of negotiation, and there exists a substantial reduction from his initially submitted rate to the current provisionally accepted rate. However, the firm is agreed to consider @0.5% additional discount on Rs. 6221.54/Rm (including GST).

After discount, rate arrives Rs. 6190.43 /Rm an revised TFI against extra item No. 06 comes Rs. 40,28,298.51 including GST.

The detailed cost involvement for the extra item is as following:

a). Total original contract value - **Rs. 25,13,23,555.32 including GST**.

b). Total up to date executed value (up to 11th RA Bill) - **Rs. 19,67,59,078.45 including GST.**

c). Total up to date value in excess of BOQ quantity plus extra items: **Rs. 8,75,91,491.71 including GST**.

d). The percentage of deviation for value of excess quantity and extra items arrives **(+) 34.85 %** above original contract sum.

5. Accordingly, executing authority has submitted the instant proposal for technical approval in terms of DOP clause No. 14.1 Sec-I, which is recommended by CGM(Tech) , HSM at work flow 002.

The proposal is scrutinized in site finance and concurred. (Ref . work flow 0027) .

Hence, In terms of DOP clause no. 14.1 Sec-I, ED (O&M) is empowered to accord the technical approval subject to remarks at column No. 9.

Submitted for recommendation of HOP for according technical approval from the competent authority.

ID: 040
Noted By: Amrit kumar Borah
Noted On: 16/08/2025 Time : 10:24:05

Forwarded To : Ashim jyoti Bordoloi

This proposal is for extra item No.6 (Supplying, providing and filling the expansion joints with joint filler) against Civil works pertaining to R & M Khandong Power Station carried by M/s Sri Vijetha. This was required to be carried out to arrest rain water from existing building expansion joints.

In this context following points may please be noted.

1. Based on the specification of requirement, initial submitted per meter rate by the contractor was Rs. 6694.41 per meter. The rate was further analysed to be Rs. 6676.81 at workflow no.0008. With observation of site C&P the rate was further analysed to be Rs. 6399.45 at workflow 0014. With observation of site finance related to electricity uses the rate was further analysed to be Rs. 6221.54 Per Meter (Incl. GST) at note 00023.
2. Further a confirmation of analyzed rate with and additional 0.5 % on analyzed rate was obtained from the vendor.. With this the processed rate comes to Rs. 6190.43 per meter and TFI stands at Rs. 40,28,298.51 including GST.
3. With considerations of the previous deviations, the present total percentage of deviation for value of excess quantity and extra items arrives **(+) 34.85 %** above original contract sum.

Recommended for technical approval of ED (O&M) in terms of DOP clause no. 14.1 Sec-I.

ED,O&M, HOP,KHPS.

ID: 041
Noted By: Ashim jyoti Bordoloi
Noted On: 21/08/2025 Time : 11:05:58

Forwarded To : Bijit Kr. Goswami

May please be seen.

ID: 042
Noted By: Bijit Kr. Goswami
Noted On: 21/08/2025 Time : 13:11:07

Forwarded To : Joypal Roy

Preceding FLM notes and attachments may kindly be referred.

The proposal is regarding fixing the analyzed rate of the extra item no. 6 and subsequently technical approval to the deviation due to the inclusion of the Extra item in the 11th RA bill.

M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad was awarded the Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam on 01.05.2023 and at present on the verge of completion.

Extra item No.6: Supplying, providing and filling the expansion joints with joint filler boards, Polysulphide sealant (STP make) and sticking 2mm thick expansion joint membrane of size (200mm to 300mm) with the help of epoxy adhesive after cleaning the existing expansion joints by manual/electric equipment and including all labour and materials as per technical specification and direction of the Engineer in-charge.

The detailed of analysis of rate for the extra item no. 6 has been explained in the attachment-Analysis (3rd Revision) as Rs. 6221.54/Rm including GST (enclosed in reference) for a quantity of 650.73 Rm. This resulted extra financial involvement of Rs. 40,48,542.72. which was vetted by HoF at note #0031 with percentage variation

against works executed in excess of BOQ items and extra items up to 11th RA bill by + 34.86% above total Contract sum.

However, after repeated persuasions, M/s Vijetha offered an additional discount of 0.5% discount on the provisionally calculated rate 6221.54/Rm. After discount, rate arrives Rs. 6190.43 /Rm and revised TFI against extra item No. 06 come to Rs. 40,28,298.51 including GST. Hence summary of deviation is as follows:

a. Total original contract value: Rs. 25,13,23,555.32 including GST.

b. Total executed value of works (BOQ items) up to 11th RA bill: Rs. 19,67,59,078.45 including GST.

c. Total executed value of works in excess of BOQ quantity plus extra items: Rs. 8,75,91,491.71 including GST.

d. The percentage of deviation for value of works in excess BOQ quantity and extra items is + 34.85 % above original contract sum.

The detailed deviation statement is attached in current.

Thus, the proposal has been recommended by HOP: KHPS for obtaining the following approval:

1. Technical Approval: In terms of Clause No.14.1, Section-I of DOP, ED(O&M), is empowered for Technical approval for the instant proposal after obtaining Technical clearance from D&E as the variation is more than 25% of Contract value or Rs. 30 crore whichever is lower.

In view of the above, following actions may kindly be taken:

1. The proposal may kindly be forwarded to ED:D&E for obtaining Technical clearance.

2. On obtaining "Technical clearance" from ED:D&E Technical Approval may kindly be accorded by ED(O&M) for forwarded the same to HOP: KHPS their further needful action as the variation is still less than total contract value.

Submitted please.

ID: 043
Noted By: Joypal Roy
Noted On: 22/08/2025 Time : 11:13:53

Forwarded To : Bijit Kr. Goswami

Trailing notes are referred.

The proposal is endorsed for examination at D&E Department and Technical Clearance please.

ID: 044
Noted By: Bijit Kr. Goswami
Noted On: 22/08/2025 Time : 13:14:50

Forwarded To : Kulendra Nath Sarmah

Forwarded for needful, please.

ID: 045
Noted By: Kulendra Nath Sarmah
Noted On: 22/08/2025 Time : 13:33:59

Forwarded To : Sitangshu Dhar

For needful please.

ID: 046
Noted By: Sitangshu Dhar
Noted On: 27/08/2025 Time : 10:33:50

Forwarded To : Hemanta Choudhury

For needful please.

ID: 047
Noted By: Hemanta Choudhury
Noted On: 27/08/2025 Time : 14:35:45

Forwarded To : Dipjyoti Sarma

Trailing notes sent vide FLM may please be seen.

The work for ***"Supplying, Providing and Filling the Expansion Joints with Joint Filler Board, Polysulphide Sealant and sticking 2mm thick expansion joint membrane with the help of epoxy adhesive after cleaning the existing expansion joints"*** has been executed by the project authority as per the actual site requirement. As highlighted in the Proposal under Note at Sl. No. 001, the work was felt necessitated by the competent authority to stop the water leakages through the joints in Khandong Power House. It may also be mentioned that the instant was not included in the Original Work Order issued to M/s Shri Vijetha vide Letter No. NEEPCO/QP/ED/C&P/F/C/KhPS-CW/579/2023-24/157, Dated: 12th May' 2023 and has been considered by the Project Authority as Extra Item.

As such, the proposal may be recommended for accordance for technical clearance.

However, the contractual & financial aspects of the proposal have not been examined at this end.

Submitted for kind perusal and recommendation please

ID: 048
Noted By: Dipjyoti Sarma
Noted On: 28/08/2025 Time : 12:59:34

Forwarded To : Hemanta Choudhury

The workflow note at #0048 of DGM(Tech) is endorsed and technical clearance may be given for the said proposal please.

ID: 049
Noted By: Hemanta Choudhury
Noted On: 28/08/2025 Time : 15:10:14

Forwarded To : Sitangshu Dhar

Recommended for technical concurrence please.

ID: 050
Noted By: Sitangshu Dhar
Noted On: 29/08/2025 Time : 10:02:51

Forwarded To : Kulendra Nath Sarmah

Technical Clearance for the proposal is accorded, based on notes at # 0048 to # 0050.

Forwarded for needful, please.

ID: 051
Noted By: Kulendra Nath Sarmah
Noted On: 29/08/2025 Time : 12:26:43

Forwarded To : Bijit Kr. Goswami

On receipt of Technical Clearance of D&E Department, Technical Approval is hereby accorded.

For further needful please.

ID: 052
Noted By: Bijit Kr. Goswami
Noted On: 29/08/2025 Time : 13:47:20

Forwarded To : Ashim jyoti Bordoloi

Technical approval forwarded for further needful please.

ID: 053
Noted By: Ashim jyoti Bordoloi
Noted On: 31/08/2025 Time : 07:44:17

Forwarded To : Amrit kumar Borah

Technical approval for the work ***"Supplying, Providing and Filling the Expansion Joints with Joint Filler Board, Polysulphide Sealant and sticking 2mm thick expansion joint membrane with the help of epoxy adhesive after cleaning the existing expansion joints" is accorded by ED(O&M)*** .

Submitted for further process please.

ID: 054
Noted By: Amrit kumar Borah
Noted On: 01/09/2025 Time : 09:40:47

Forwarded To : Parag Saikia

Preceding notes may please be seen.

Forwarded for needful please.

ID: 055
Noted By: Parag Saikia
Noted On: 03/09/2025 Time : 10:30:15

Forwarded To : Bhupen Borkakati

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED NOTE

(Mini Ratna, Category-I, Government of India Enterprise)

File Number: Note Sheet/CW/HSM - II/KH-034/318/KHEP/21/11/2024

Basic Details

FileType: Note Sheet	
Subject: Subject: Submission of analysis for Extra items (4-Nos.) Sl. No. 3,4,5 & 9 again	
Created On : 21/11/2024 **Time :**10:33:48	**Status:** In Process
Created By: Bhupen Borkakati	**Last Changed By:** Utpal Borah

File Workflow

Creator : Bhupen Borkakati (21/11/2024 10:41:55)

Processor - 1: Utpal Borah (26/11/2024 23:13:02)
Processor - 2: Susanta Deka (27/11/2024 13:20:33)
Processor - 3: Parag Saikia (17/12/2024 20:33:11)
Processor - 4: Vishvendra Gautam (09/01/2025 16:39:15)
Processor - 5: Parag Saikia (30/01/2025 16:57:46)
Processor - 6: Vishvendra Gautam (31/01/2025 16:01:23)
Processor - 7: Parag Saikia (01/02/2025 12:08:49)
Processor - 8: Susanta Deka (01/02/2025 12:34:50)
Processor - 9: Utpal Borah (01/02/2025 19:51:10)
Processor -10: Bhupen Borkakati (05/02/2025 12:59:28)
Processor -11: Utpal Borah (06/02/2025 15:27:36)
Processor -12: Parag Saikia (24/02/2025 13:37:07)
Processor -13: Utpal Borah (24/02/2025 13:44:11)
Processor -14: Susanta Deka (24/02/2025 17:11:17)
Processor -15: Chandra Prasad Saikia (24/02/2025 18:23:14)
Processor -16: Utpal Borah (25/02/2025 09:06:46)
Processor -17: Bhupen Borkakati (26/02/2025 17:48:35)
Processor -18: Utpal Borah (26/02/2025 23:39:05)
Processor -19: Chandra Prasad Saikia (27/02/2025 10:22:26)
Processor -20: Biswajit Sinha (28/02/2025 18:47:53)
Processor -21: Chandra Prasad Saikia (01/03/2025 10:55:14)
Processor -22: Dinesh Inrugbam (17/03/2025 10:42:33)
Processor -23: Chandra Prasad Saikia (17/03/2025 22:34:18)
Processor -24: Susanta Deka (18/03/2025 12:16:07)
Processor -25: Bijit Kr. Goswami (18/03/2025 14:21:27)
Processor -26: Joypal Roy (18/03/2025 16:41:03)
Processor -27: Bijit Kr. Goswami (19/03/2025 11:56:32)
Processor -28: Siddhartha Sankar Adhikari (19/03/2025 14:52:18)
Processor -29: Hemanta Choudhury (20/03/2025 10:40:17)
Processor -30: Biswanath Sarkar (20/03/2025 15:56:18)
Processor -31: Hemanta Choudhury (20/03/2025 17:31:22)
Processor -32: Siddhartha Sankar Adhikari (20/03/2025 17:58:35)
Processor -33: Bijit Kr. Goswami (20/03/2025 19:34:03)
Processor -34: Susanta Deka (21/03/2025 17:11:22)
Processor -35: Utpal Borah (21/03/2025 17:15:22)
Processor -36: Bhupen Borkakati (00/00/0000 00:00:00)

File Description

Subject: Submission of analysis for Extra items (4-Nos.) Sl. No. 3,4,5 & 9 against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam

Created By : Bhupen Borkakati
Created On :21/11/2024 10:41:43
With Department : Extra items Civil works Kh PS
Forwarded To: Utpal Borah

File Attachments

Attachments :

VariationStatement_28.02.2025; **Created By :**Biswajit Sinha; **Uploaded on :**28/02/2025 12:33:25
EI9; **Created By :**Bhupen Borkakati; **Uploaded on :**21/11/2024 10:40:50
EI4; **Created By :**Bhupen Borkakati; **Uploaded on :**21/11/2024 10:40:22
EI3; **Created By :**Bhupen Borkakati; **Uploaded on :**21/11/2024 10:39:37
Statement; **Created By :**Bhupen Borkakati; **Uploaded on :**21/11/2024 10:38:56
NewStatement; **Created By :**Bhupen Borkakati; **Uploaded on :**26/02/2025 17:47:27
Documets05.02.2025; **Created By :**Bhupen Borkakati; **Uploaded on :**05/02/2025 12:58:41
Workorder; **Created By :**Utpal Borah; **Uploaded on :**26/11/2024 23:10:39

File Notings

Subject: Submission of analysis for Extra items (4-Nos.) Sl. No. 3,4,5 & 9 against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam.

Ref.: (i) Agreement No. NEEPCO/QP/ED/C&P/R/C/KHPS-CW/708 of 2023-2024 dtd. 21.06.2023
(ii) L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023
(iii) D.W.O. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/157dtd. 12.05.2023.

The above-mentioned work was awarded to the Contractor M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad on 01.05.2023 vide L.O.I. No. under reference (ii) above. The detailed work order was also issued vide reference (iii) above. Presently the work is in progress.

Extra item No. 3,4&5: Due to heavy water leakage/ seepage in the Khandong Power Station Building, Water proofing treatment / works including chemical grouting needs to be done which was not incorporated in the Contract Agreement. Hence, the extra item No. 3,4&5 have been considered as per requirement of the work. Moreover, item for surface cleaning including chipping, Nipple fitting and Xypex concentrate have been considered from BOQ items which were incorporated for Dam repairing works.

Extra item No. 9: There was no access road towards backside of the Power House building. Hence, for smooth running of the restoration works of Civil and HM Package and for plying of construction vehicles, item for excavation of hills/ordinary rock would be executed. As there is no similar item in the BOQ , therefore, it was decided by the Higher Authority to execute the work as Extra item. Other works like protection of the hillside and pavement would be done through BOQ items.

Accordingly, the Contractor was instructed to execute the work and the analysis of the Rates submitted by the Contractor has been scrutinized and found the cost involvement for extra items are as follows:

Sl. No.	Item Description	Unit	Qnty	Rate in Rs.	Amount in Rs.
1	**Extra item No.3**: Providing Xypex Patch N Plug	Kg	2502.00	956.20	23,92,412.40
2	**Extra item No.4**: Providing Xypex Megamix-II ….....	Kg	1500.00	941.45	14,12,175.00
3	**Extra item No.5**: Grouting Xypex grout mix…	Kg	272.00	454.14	123,526.08
4	**Extra item No.9**: Excavation for new access road behind	Cum	1082.30	1096.48	11,86,720.30

As per Contract Clause No.33 of Conditions of Contract, the analysis of the Rates submitted by the Contractor has been scrutinized and the Deviation Statement prepared up to 9th RA Bill. The details are as follows:

*The total Contract value of the work: **Rs. 25,13,23,555.32**

*The total up to date executed value (up to 9th RA bill): **Rs. 17,88,64,137.49**

*The total up to date value for Extra items: **Rs. 1,12,60,202.48**

*The total up to date value in excess of BOQ quantity plus extra items: **Rs. 6,83,24,775.82**

*The percentage of Deviation against Extra items is **(+)27.19%** above total Contract sum.

The proposal is submitted for technical approval from the Competent Authority as per the DOP Clause No. 14.1.

Put up for favour of kind perusal and further needful please.

Enclo: As stated above.

ID: 001
Noted By: Bhupen Borkakati
Noted On: 21/11/2024 Time : 10:38:24

Forwarded To : Utpal Borah

Trailing note of DM(C) and references please.

Execution of the following 'Extra items' were taken up under the contract for Civil works under Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW) by M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd.

Extra item no.3: Supply, providing and filling with **Xypex Patch N Plug,** a fast setting crystalline repair mortar in U-grooves of minimum size (80mm x 50mm) to plug and fix the leakage including all labour and materials as per technical specification and direction of Engineer in-charge.

(Surface preparation and groove cutting shall be prepared separately).

Extra item no.4: Supply, providing and filling the remaining 25mm depth top layer of U-grooves with **Xypex Megamix-II**, a high strength repair mortar to strengthen the bottom layer of Patch N Plug including all labour and materials as per technical specification and direction of Engineer in-charge.

Extra item no.5: Supply, providing and grouting **Xypex grout mix** (Xypex Admix C-2000NF) having integral crystal forming admixture to reduce permeability and enhance durability to seal hair/micro cracks (the same to be supported by international test reports) mixed and grout by hand grout pump to support the claim of crystal formation to plug all the capillary tracks and pores of the concrete surface including all labour and materials as per technical specification and direction of the Engineer in-charge.

Extra item no.9: Excavation for new access road behind the Khandong Power House building by breaking rocks with Hydraulic Breaker including loading and disposal outside complete in all respect as per technical specification, drawings and as directed by the Engineer in-charge.

As above the items no. 3,4 & 5 has successfully arrest seepage water into the walls of the Khandong Power House building through chemical grouting which was not envisaged in BOQ. The item no. 9 was executed to facilitate access to the backside of the Power House building for smooth execution of restoration works under Civil & HM Package .

In terms of the Contract Clause No.33, Conditions of Contract, the analysis of the Rates of the items has been examined and the Deviation as on 9th RA Bill has been evaluated.

The total Contract value of the work: Rs. 25,13,23,555.32

The total up to date executed value (up to 9th RA bill): Rs. 17,88,64,137.49

The total up to date value for Extra items: Rs. 1,12,60,202.48

The total up to date value in excess of BOQ quantity plus extra items: Rs. 6,83,24,775.82

The percentage of Deviation is (+)27.19% above the original Contract sum.

The proposal is recommended for technical approval of the ED(O&M) as per the DOP Clause No. 14.1 after obtaining technical clearance of D&E wing.

Put up for kind perusal and further needful please.

HOP CGM(Tech)HSM

ID: 002
Noted By: Utpal Borah
Noted On: 22/11/2024 Time : 13:49:00

Forwarded To : Susanta Deka
Attachments : Workorder**; Uploaded on :**26/11/2024 23:10:39

Please examine and comment.

ID: 003
Noted By: Susanta Deka
Noted On: 27/11/2024 Time : 13:19:53

Forwarded To : Parag Saikia

Preceding notes may please be seen.

Please scrutinize & put up as discussed.

ID: 004
Noted By: Parag Saikia
Noted On: 17/12/2024 Time : 20:32:26

Forwarded To : Vishvendra Gautam

Preceding notes may please be seen.

The instant proposal is submitted by DM(C), HSM, regarding “Submission of analysis for Extra items (4-Nos.) Sl. No. 3,4,5 & 9 against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam.

The above-mentioned work was awarded to the Contractor M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad on 01.05.2023. Presently the work is in progress.

As recorded by CGM(T), HSM, at workflow ID 002 that, the execution of the following 'Extra items' were taken up under the contract for Civil works under RR&M and LE of Khandong Power Station (2 x 23 MW) by M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd.

Accordingly, the Contractor was instructed to execute the work and the analysis of the Rates submitted by the Contractor has been scrutinized and found the cost involvement for extra items are as follows:

Sl. No.	Item Description	Unit	Qnty	Rate in Rs.	Amount in Rs.
1	**Extra item No.3**: Providing Xypex Patch N Plug	Kg	2502.00	956.20	23,92,412.40
2	**Extra item No.4**: Providing Xypex Megamix-II …..…	Kg	1500.00	941.45	14,12,175.00
3	**Extra item No.5**: Grouting Xypex grout mix…	Kg	272.00	454.14	1,23,526.08
4	**Extra item No.9**: Excavation for new access road behind	Cum	1082.30	1096.48	11,86,720.30

The analysis of extra items has been checked and found in order. The details of variation in quantity along with extra item has been attached. ***(Refer: Statement attached)***

As recorded at **workflow ID #001**, the analysis of the Rates of the items has been examined and evaluated **the deviation as on 9th RA Bill**.

a) The total Contract value of the work: **Rs. 25,13,23,555.32**

b) The total up to date executed value (up to 9th RA bill): **Rs. 17,88,64,137.49**

c) The total up to date value for Extra items**: Rs. 1,12,60,202.48**

d) The total up to date value in excess of BOQ quantity plus extra items: **Rs. 6,83,24,775.82**

e) The percentage of Deviation is **(+)27.19% (i.e. d/aX100)** above the original Contract sum.

The CGM(Tech), HSM has also recorded his recommendation to the proposal at **workflow ID #002**

In view of the above, the proposal may be processed for obtaining technical approval of the ED(O&M) as per the DOP Clause No. 14.1 after obtaining technical clearance of D&E wing.

ID: 005
Noted By: Vishvendra Gautam
Noted On: 09/01/2025 Time : 16:36:02

Forwarded To : Parag Saikia

Preceding notes may please be seen.

Please comment on rate analysis.

ID: 006
Noted By: Parag Saikia
Noted On: 30/01/2025 Time : 13:51:27

Forwarded To : Vishvendra Gautam

Trailing notes may please be seen.

The details on which Rate Analysis is based upon is mentioned below:

1. **Extra Item no:3** Supply & Application of Xypex Patch N Plug – filling of groove…..

- **Cost of Material** - Rate considered as per Invoice submitted by M/s Vijetha
- **Cost of Labour** – Direct & Indirect wages (As per salary statement of M/s Vijetha & as per CWC guidelines for river valley projects)
- **Equipment Cost** – As per guidelines of CWC guidelines for river valley projects
- **Add cost of Job facilities@2%** - As per guidelines of CWC (River valley project)
- **Overhead & Profit -** As per guidelines of CWC (River Valley Project)

2. **Extra Item No 4 & 5:** Xypex Megamix-II & Xypex Grout mix work…….

- Basic Rate considered based on the WO from Ka HEP(***NEEPCO/KPG/KaHEP/T-16/2017-18/305 Dated 19.07.2024)*** due to similar nature of work.
- Analyzed Rate has been calculated using Escalation factor on rates consider in the W.O. of KaHEP.
- Escalation Factor considered based on "**Wholesale Price Index**" **(Commodity Sub Group**: Manufacture of cement, Lime and plaster**)**

Calculation

Analysed Rate = (A + B) x C

A = Rate of Item as per W.O. KaHEP (excluding Tax)
B = GST @ 18% on A
C = Escalation factor @ 15.70% (WPI as per office of Economic Advisor)

3. **Extra Item No.9:** Excavation of New Access Road behind the Khandong power House Building …….

Rate Analysis is Based on CWC guidelines for River Valley Projects

- Machinery Charge – Based on CWC guidelines
- Cost of facilities - Based on CWC guidelines
- Fuel: Diesel Charges – IOCL rate considered.
- Other Charges - Based on CWC guidelines
- Overhead & Profit – Based on CWC guidelines

The Rate Analysis of the Extra item no 3,4,5 & 9 is checked and found in order.

Submitted for further needful please.

ID: 007
Noted By: Vishvendra Gautam
Noted On: 31/01/2025 Time : 15:54:11

Forwarded To : Parag Saikia

Preceding notes may please be seen.

It is observed that the proposal comprises of two parts: Approval of estimated rates of extra items in terms of contract agreement & approval for variation due to financial implication for these extra items & work during post award execution of work.

The rate analysis has been submitted by the executing authority. However, the reasonability of the analysed rates & its basis could have been reflected in the note, as before approval of the variation in terms of DoP, the estimated rates & amount is to be approved in terms of DoP clause 1(a). Further, it is observed that the analysis has been done by the department & no signature of the contractor is there in the arrived rates. In view of above, acceptance of the analysis by the contractor is necessary.

However, the rate analysis got examined in this office as noted in FLM note at #004.

Upon meeting the observation, the estimated amount based on rate analysis may be approved within the delegation power of HoP in terms of DoP clause 1(a), Sec-I.

Technical Approval: As the variation is more than 25% of the contract value for the instant proposal, the technical approval is to be obtained from ED(O&M) in terms of DoP clause 15.1, Sec-I after obtaining technical clearance from D&E.

Approval for issue of change order: On obtaining technical approval, the approval for issue of change order is to be obtained from Director (Technical) in terms of DoP clause DoP Clause 15.2, Sec-I.

The proposal may be forwarded to site C&P for their scrutiny & examination and interaction with the executing authority before obtaining finance concurrence for approval.

Submitted please.

GM(C), O/o HoP

CGM(Tech) & HoP, KHPS, pl.

ID: 008
Noted By: Parag Saikia
Noted On: 01/02/2025 Time : 12:08:06

Forwarded To : Susanta Deka

कृपया पूर्ववर्ती नोट्स देखें,

Please refer to the observations at workflow #008. For needful please.

ID: 009
Noted By: Susanta Deka
Noted On: 01/02/2025 Time : 12:33:51

Forwarded To : Utpal Borah

Trailing note .

Please clarify observation at ID008 and resubmit .

ID: 010
Noted By: Utpal Borah
Noted On: 01/02/2025 Time : 19:50:23

Forwarded To : Bhupen Borkakati

Trailing notes may kindly be seen.

As per the observation at ID008, the analysis/documents has been re-submitted for further needful please.

With regards

ID: 011
Noted By: Bhupen Borkakati
Noted On: 05/02/2025 Time : 12:57:43

Forwarded To : Utpal Borah
Attachments : Documets05.02.2025**; Uploaded on :**05/02/2025 12:58:41

Trailing note .

The observation at ID008 has been attended . As per the analysis based on river valley guide lines, CWC guide line, DSR rates & Price index the analyzed rates seems reasonable.

Submitted for further needful please.

ID: 012
Noted By: Utpal Borah
Noted On: 06/02/2025 Time : 15:17:03

Forwarded To : Parag Saikia

Preceding notes may please be seen.

In continuation to the note at # 008, it is again mentioned that the proposal comprises of two parts: Approval of estimated rates of extra items in terms of contract agreement & approval for variation due to financial implication for these extra items & work during post award execution of work.
CGM(Tech)/EIC, HSM has recorded on reasonability of rates vide workflow # 0012. Further, the rates got checked vide Workflow at # 007 seems reasonable. The contractor's sign is there in the rate analysis documents.

The estimated amount based on rate analysis may be approved within the delegation power of HoP in terms of DoP clause 1(a), Sec-I.
Technical Approval: As the variation is more than 25% of the contract value for the instant proposal, the technical approval is to be obtained from ED(O&M) in terms of DoP clause 15.1, Sec-I after obtaining technical clearance from D&E.
Approval for issue of change order: On obtaining technical approval, the approval for issue of change order is to be obtained from Director (Technical) in terms of DoP clause DoP Clause 15.2, Sec-I.

The proposal may be forwarded to site C&P for their scrutiny & examination and for obtaining subsequent finance concurrence before approval.
Submitted please.

GM(C), O/o HoP
CGM(Tech) & HoP, KHPS, pl.

ID: 013
Noted By: Parag Saikia
Noted On: 24/02/2025 Time : 13:36:35

Forwarded To : Utpal Borah

Trailing note pl.

The note is inadvertently sent .

As discussed with GM(Tech) , O/O the HOP, the note is redirected to HOP for appraisal.

Submitted pl.

ID: 014
Noted By: Utpal Borah
Noted On: 24/02/2025 Time : 13:43:19

Forwarded To : Susanta Deka

कृपया अनुगामी नोट देखे।

Please examine and put up.

ID: 015
Noted By: Susanta Deka
Noted On: 24/02/2025 Time : 17:10:29

Forwarded To : Chandra Prasad Saikia

Preceding notes may please be seen.

Requested for initiating the proposal including all the extra items required to be executed as of now pertaining to the work (indicating extra items already approved and yet to be approved). It may be noted that already technical approval against deviation of **(+) 28.28%** pertaining to the instant work vide FLM **Note Sheet/CW/HSM - II/KH-036/332/KHEP/29/11/2024** have been accorded by ED(O&M).

ID: 016
Noted By: Chandra Prasad Saikia
Noted On: 24/02/2025 Time : 18:22:38

Forwarded To : Utpal Borah

Trailing note .

Please resubmit the proposal as suggested by C&P wing .The deviation statement need to be updated incorporating all extra items already executed .

ID: 017
Noted By: Utpal Borah
Noted On: 25/02/2025 Time : 09:05:59

Forwarded To : Bhupen Borkakati

Trailing notes may kindly be seen.

In earlier note of the undersigned, the Variation Statement was prepared and submitted up to 9th RA Bill on 22.11.2024. Now, as directed, the Variation Statement up to 11th RA Bill (as on 30.11.2024) is prepared and attached here with for ready reference.

It is also to mentioned here that, Technical approval for the Variation up to 11th RA Bill has already been accorder by the Competent Authority vide FLM No. Note Sheet/CW/HSM-II/KH043/37/KHEP/04/02/2025.

The details against the proposed Extra Items are as follows:

Sl. No.	Item Description	Unit	Qnty	Rate in Rs.	Amount in Rs.
1	**Extra itm No.3**: Providing Xypex Patch N Plug	Kg	2502.00	956.20	23,92,412.40
2	**Extra item No.4**: Providing Xypex Megamix-II ….....	Kg	1500.00	941.45	14,12,175.00
3	**Extra itm No.5**: Grouting Xypex grout mix…	Kg	816.00	454.14	3,70,578.24
4	**Extra itm No.9**: Excavation for new access road behind	Cum	1082.30	1096.48	11,86,720.30

As per Contract Clause No.33 of Conditions of Contract, the analysis of the Rates submitted by the Contractor has been scrutinized and details are as follows:

* The total Contract Value: **Rs. 25,13,23,555.32**

*The total executed Value as on 30.11.2024 up to 11 th RA Bill: **Rs. 19,36,93,528.00**.

*The Total Value for BOQ excess amount including extra items: **Rs. 8,45,25,941.45**.

*The percentage of BOQ Excess amount including Extra items with respect to the Contract Value: **(+) 33.63%.**

Put up for favour of kind perusal and further needful please.

ID: 018
Noted By: Bhupen Borkakati
Noted On: 26/02/2025 Time : 17:46:24

Forwarded To : Utpal Borah
Attachments : NewStatement**; Uploaded on :**26/02/2025 17:47:27

Trailing note of DM(C) and references please.

Execution of the following 'Extra items' were taken up under the contract for Civil works under Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW) by M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd.

Extra item no.3: Supply, providing and filling with **Xypex Patch N Plug,** a fast setting crystalline repair mortar in U-grooves of minimum size (80mm x 50mm) to plug and fix the leakage including all labour and materials as per technical specification and direction of Engineer in-charge.

Extra item no.4: Supply, providing and filling the remaining 25mm depth top layer of U-grooves with **Xypex Megamix-II**, a high strength repair mortar to strengthen the bottom layer of Patch N Plug including all labour and materials as per technical specification and direction of Engineer in-charge.

Extra item no.5: Supply, providing and grouting **Xypex grout mix** (Xypex Admix C-2000NF) having integral crystal forming admixture to reduce permeability and enhance durability to seal hair/micro cracks (the same to be supported by international test reports) mixed and grout by hand grout pump to support the claim of crystal formation to plug all the capillary tracks and pores of the concrete surface including all labour and materials as per technical specification and direction of the Engineer in-charge.

Extra item no.9: Excavation for new access road behind the Khandong Power House building by breaking rocks with Hydraulic Breaker including loading and disposal outside complete in all respect as per technical specification, drawings and as directed by the Engineer in-charge.

As above execution of the items no. 3,4 & 5 has successfully arrested seepage water into the walls of the Khandong Power House building through chemical grouting which was not envisaged in BOQ. The item no. 9 was executed to facilitate access to the backside of the Power House building for smooth execution of restoration works under Civil & HM Package.

In terms of the Contract Clause No.33, Conditions of Contract, the analysis of the Rates of the items has been examined and found reasonable. Further, the Deviation as on 11th RA Bill has been evaluated.

The total Contract value of the work: Rs. 25,13,23,555.32

The total up to date executed value as on 30.11.2024

(up to 11th RA bill): Rs. 19,36,93,528.00

The total up to date value in excess of BOQ quantity plus extra items: Rs. 8,45,25,941.45

The percentage of Deviation is (+)33.63% above the original Contract sum.

The proposal is recommended for technical approval of the ED(O&M) as per the DOP Clause No. 14.1 after obtaining technical clearance of D&E wing.

Resubmitted for further needful please.

ID: 019
Noted By: Utpal Borah
Noted On: 26/02/2025 Time : 23:29:01

Forwarded To : Chandra Prasad Saikia

Please examine and process.

ID: 020
Noted By: Chandra Prasad Saikia
Noted On: 27/02/2025 Time : 10:21:44

Forwarded To : Biswajit Sinha

Trailing notes may please be seen.

The proposal forwarded by CGM(C), HSM, KHPS, Umrongso, seeking technical approval for 4(four) nos of Extra items (Extra Item No:3,4,5 & 9) and variance thereof of **(+) 33.63%** w.r.t. original contract sum pertaining to **"Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam."** (vide L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023, W.O No. NEEPCO/QP/ED/C&P/F/C/KHPS -CW/579/2023-2024/157dtd. 12.05.2023 and Agreement No. NEEPCO/QP/ED/C&P /R/C /KHPS-CW/708 of 2023-2024 dtd. 21.06.2023) involves the following:

1. M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad is executing the above referred work. During execution of the work 12 nos. of extra items were required to be executed by the contractor as per requirement at site. Out of these approval for 8 nos. of extra items were already obtained as indicated in the deviation statement.
2. Now as these items were not available in the BOQ of the above referred contract, rates for these additional 4 nos of extra items (extra item No-3,4,5 & 9) have been analysed by the contractor, in terms of Cl 33 (ii) (c), Part-4 of Conditions of Contract Agreement referred above and the rate analysis submitted by the Contractor have been scrutinized by HSM.
3. As the value of work executed is within the limit of the original contract sum the variation have been calculated in terms of Clause 14(a), Sec-I of DOP. The total financial implication along with deviation is indicated below:

Sl. No.	Details	Amount including GST (INR)	Remarks
1	Original Contract sum	**25,13,23,555.00**	
2	Total value of works executed (BOQ, Extra/Substituted items) as on till date	19,36,93,528.00	(Ref: Attached deviation statement dtd. 28.02.2025)

3	Value of BOQ items executed in excess of BOQ quantities	7,25,47,026.00	(Ref: Attached deviation statement dtd. 28.02.2025)
4	value of extra/substituted items executed	1,19,78,916.00	(Ref: Attached deviation statement dtd. 28.02.2025)
5	Value of works executed (BOQ, Extra/Substituted items) in excess of contract sum	**8,45,25,942.00**	(Ref: Attached deviation statement dtd. 28.02.2025)
6	Variance (Till date) during post-award execution of work over original contract sum (Ref: Cl:14(a), Sec-I of DOP	**(+) 33.63%**	

ED(O&M) is empowered to accord technical approval in consultation with D&E in terms of Cl. 14.1, Sec-I of DOP.
The proposal may be forwarded to finance for further scrutiny and concurrence.
Submitted for perusal and further needful please.

ID: 021
Noted By: Biswajit Sinha
Noted On: 28/02/2025 Time : 12:31:58

Forwarded To : Chandra Prasad Saikia
Attachments : VariationStatement_28.02.2025**; Uploaded on :**28/02/2025 12:33:25

Preceding notes may please be seen.

The proposal forwarded by CGM(C), HSM, KHPS, Umrongso, seeking technical approval for 4(four) nos of Extra items (Extra Item No:3,4,5 & 9) and variance thereof of **(+) 33.63%** w.r.t. original contract sum pertaining to **"Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam."** (vide L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023, W.O No. NEEPCO/QP/ED/C&P/F/C/KHPS -CW/579/2023-2024/157dtd. 12.05.2023 and Agreement No. NEEPCO/QP/ED/C&P /R/C /KHPS-CW/708 of 2023-2024 dtd. 21.06.2023) have been evaluated at C&P and notes of Sr.M.(C) at workflow:007 may be seen.

The proposal is forwarded for further scrutiny and concurrence.

ID: 022
Noted By: Chandra Prasad Saikia
Noted On: 28/02/2025 Time : 18:50:30

Forwarded To : Dinesh Inrugbam

The proposal covers the execution of several extra items under the contract for Civil works related to the Restoration and Renovation & Modernization of Khandong Power Station (2 x 23 MW) by M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd.

During the execution, 12 extra items were required as per site conditions. Approval for 8 of these extra items has already been obtained, As these items were not included in the BOQ of the contract, the contractor has analyzed the rates for the additional 4 extra items (Extra Items No. 3, 4, 5, and 9) in accordance with Clause 33 (ii) (c), Part-4 of the Conditions of Contract Agreement. The rate analysis submitted by the contractor has been reviewed and scrutinized by HSM.

The execution of items 3, 4, and 5 successfully arrested seepage water into the walls of the Power House building through chemical grouting, which was not initially included in the Bill of Quantities (BOQ). Item 9 was executed to provide an access road to the backside of the Power House building, facilitating smooth execution of restoration works.

In line with Contract Clause No.33 (Conditions of Contract), the rates for these extra items have been reviewed and found reasonable. The deviation as of the 11th RA Bill has also been evaluated.

- **Total Contract Value**: Rs. 25,13,23,555.32
- **Total Executed Value as of 30.11.2024 (up to 11th RA Bill)**: Rs. 19,36,93,528.00
- **Total Value in Excess of BOQ and Extra Items**: Rs. 8,45,25,941.45
- **Percentage Deviation**: (+)33.63% above the original contract sum.

Finance is accorded as proposed for technical approval extra items subject to approval from competent authority as per DOP Clause No. 14.1

The proposal is recommended for technical approval from the ED(O&M), as per DOP Clause No. 14.1, after obtaining technical clearance from the D&E wing.

ID: 023
Noted By: Dinesh Inrugbam
Noted On: 16/03/2025 Time : 16:33:36

Forwarded To : Chandra Prasad Saikia

Preceding notes may please be seen.

The proposal forwarded by CGM(C), HSM, KHPS, Umrongso, seeking technical approval for 4(four) nos of Extra items (Extra Item No:3,4,5 & 9) and variance thereof of **(+) 33.63%** w.r.t. original contract sum pertaining to **"Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam."** (vide L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023, W.O No. NEEPCO/QP/ED/C&P/F/C/KHPS -CW/579/2023-2024/157dtd. 12.05.2023 and Agreement No. NEEPCO/QP/ED/C&P /R/C /KHPS-CW/708 of 2023-2024 dtd. 21.06.2023) have been evaluated at C&P. Finance concurrence is obtained at workflow:023.

ED(O&M) is empowered to accord technical approval in consultation with D&E in terms of Cl. 14.1, Sec-I of DOP.
Submitted for perusal and further needful please.

ID: 024
Noted By: Chandra Prasad Saikia
Noted On: 17/03/2025 Time : 22:30:02

Forwarded To : Susanta Deka

Preceding notes may please be seen.

The proposal forwarded by CGM(C), HSM, KHPS, Umrongso, seeking technical approval for 4(four) nos. of extra items (Extra Item No:3,4,5 & 9) and variance thereof of **(+) 33.63%** w.r.t. original contract sum pertaining to **"Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam."** (vide L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023, W.O No. NEEPCO/QP/ED/C&P/F/C/KHPS -CW/579/2023-2024/157dtd. 12.05.2023 and Agreement No. NEEPCO/QP/ED/C&P /R/C /KHPS-CW/708 of 2023-2024 dtd. 21.06.2023) have been recommended by the C&P, KHPS (at workflow #0024 taking Finance concurrence is which is recorded at workflow #0023.

The proposal is therefore recommended for technical approval of the ED(O&M) in consultation with the D&E in terms of Cl. 14.1, Sec-I of the DOP.
Submitted for kind perusal and further needful please.

ID: 025
Noted By: Susanta Deka
Noted On: 18/03/2025 Time : 12:15:27

Forwarded To : Bijit Kr. Goswami

May please be seen.

ID: 026
Noted By: Bijit Kr. Goswami
Noted On: 18/03/2025 Time : 14:20:16

Forwarded To : Joypal Roy

Trailing FLM notes and attachments may kindly be referred.

The instant proposal is about Technical approval for 4(four) nos. of extra items (Extra Item No: 3,4,5 & 9) and variance thereof of (+) 33.63% w.r.t. original contract sum pertaining to "Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam." (Vide L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023 and W.O No. NEEPCO/QP/ED/C&P/F/C/KHPS -CW/579/2023-2024/157dtd. 12.05.2023 and Agreement No. NEEPCO/QP/ED/C&P /R/C /KHPS-CW/2023-24/708 dtd. 21.06.2023).

As recorded in the notes of CGM (C), HSM, KHPS at workflow ID#0019, the following extra works have been executed till 11th RA bill as on 30.11.2024:

Extra item no.3: Supply, providing and filling with Xypex Patch N Plug, a fast-setting crystalline repair mortar in U-grooves of minimum size (80mm x 50mm) to plug and fix the leakage including all labour and materials as per technical specification

and direction of Engineer in-charge.

Extra item no.4: Supply, providing and filling the remaining 25mm depth top layer of U-grooves with Xypex Megamix-II, a high strength repair mortar to strengthen the bottom layer of Patch N Plug including all labour and materials as per technical specification and direction of Engineer in-charge.

Extra item no.5: Supply, providing and grouting Xypex grout mix (Xypex Admix C-2000NF) having integral crystal forming admixture to reduce permeability and enhance durability to seal hair/micro cracks (the same to be supported by international test reports) mixed and grout by hand grout pump to support the claim of crystal formation to plug all the capillary tracks and pores of the concrete surface including all labour and materials as per technical specification and direction of the Engineer in-charge.

Extra item no.9: Excavation for new access road behind the Khandong Powerhouse building by breaking rocks with Hydraulic Breaker including loading and disposal outside complete in all respect as per technical specification, drawings and as directed by the Engineer in-charge.

The rates of extra works have been analyzed and attached in current section as EL3 for extra work item no. 3, EL4 for extra work item no. 4 & 5 and EL9 for extra work item no. 9.

Summary of the variation of the executed quantity on the date of submission of proposal is:

(i) Approved Contract Sum: Rs. 25,13,23,555.32

(ii) Total up to date executed value as on 30.11.2024

(up to 11th RA bill) BOQ, in excess of BOQ & extra

items Rs. 19,36,93,528.00

(iii) Total up to date value in excess of BOQ

quantity plus extra items: Rs. 8,45,25,941.45

Therefore, variance during post-award execution of work over award price as above: Rs. (8,45,25,941.45/25,13,23,555.32) x 100% = **+33.63%**

The proposal has been examined by site C&P and concurred by HOF: KHPS at #0023.

HOP: KHPS has recommended the proposal for obtaining Technical Approval from ED(O&M) in terms of clause No. Cl 14.1, Section-I of DOP after obtaining Technical Clearance from D&E wing.

In view of the above, the proposal may kindly be forwarded to ED:D&E Please.

Submitted please.

ID: 027
Noted By: Joypal Roy
Noted On: 18/03/2025 Time : 16:40:00

Forwarded To : Bijit Kr. Goswami

Trailing notes are referred.

The subject proposal is endorsed for examination at D&E department and Technical Clearance please.

ID: 028
Noted By: Bijit Kr. Goswami
Noted On: 19/03/2025 Time : 11:54:25

Forwarded To : Siddhartha Sankar Adhikari

Pl examine

ID: 029
Noted By: Siddhartha Sankar Adhikari
Noted On: 19/03/2025 Time : 14:51:08

Forwarded To : Hemanta Choudhury

Pl examine and put up.

ID: 030
Noted By: Hemanta Choudhury
Noted On: 20/03/2025 Time : 10:40:00

Forwarded To : Biswanath Sarkar

FLM Notes and enclosure(s) attached herein, have been examined at this end.

The following mentioned works have been executed as per site requirement:

1. Extra Item No.3: Supply, providing and filling with Xypex Patch N Plug,
2. Extra Item No.4: Supply, providing and filling the remaining 25mm depth top layer of U-grooves with Xypex Megamix-II,
3. Extra Item No.5: Supply, providing and grouting Xypex grout mix (Xypex Admix C-2000NF),
4. Extra Item No.9: Excavation for new access road behind the Khandong Power House building by breaking rocks with Hydraulic Breaker including loading and disposal outside.

As above the items No. 3,4 & 5 have been done to arrest seepage water into the walls of the Khandong Power House building through chemical grouting.

The item No. 9 has been executed to facilitate access to the backside of the Khandong Power House building.

The instant proposal has been found to be generally in order. Technical concurrence of the instant proposal may please be accorded (as per Clause No. 14.1, Section I of DOP).

Put up for kind perusal please.

General Manage (C) Design & Engineering	Dy. General Manage (C) Design & Engineering

ID: 031
Noted By: Biswanath Sarkar
Noted On: 20/03/2025 Time : 15:54:36

Forwarded To : Hemanta Choudhury

Trailing notes may kindly be referred to.

The proposal for execution of 4 (four) nos. of extra items against arresting seepage/leakage water through walls in Khandong Power House (Extra Item No: 3,4&5) and to provide access to the backside of the Power House building (Extra Item No. 9) under the "*Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso"* has been examined at this end.

The proposal is found to be generally in order and technical clearance may be given for the same.

ID: 032
Noted By: Hemanta Choudhury
Noted On: 20/03/2025 Time : 17:27:12

Forwarded To : Siddhartha Sankar Adhikari

Technical clearance accorded please.

ID: 033
Noted By: Siddhartha Sankar Adhikari
Noted On: 20/03/2025 Time : 17:57:22

Forwarded To : Bijit Kr. Goswami

On receipt of Technical Clearance, Technical Approval is hereby accorded.

ID: 034
Noted By: Bijit Kr. Goswami
Noted On: 20/03/2025 Time : 19:32:02

Forwarded To : Susanta Deka

Preceding notes may please be seen.

Forwarded for further needful please.

ID: 035
Noted By: Susanta Deka
Noted On: 21/03/2025 Time : 17:10:14

Forwarded To : Utpal Borah

Trailing note pl.

For further needful please.

ID: 036
Noted By: Utpal Borah
Noted On: 21/03/2025 Time : 17:15:00

Forwarded To : Bhupen Borkakati

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED NOTE

(Mini Ratna, Category-I, Government of India Enterprise)

File Number: Note Sheet/CW/HSM - II/KH024/186/KHEP/01/07/2024

Basic Details

FileType: Note Sheet	
Subject: Submission of analysis for Extra items	
Created On : 01/07/2024 **Time :**17:57:35	**Status:** In Process
Created By: Bhupen Borkakati	**Last Changed By:** Utpal Borah

File Workflow

Creator : Bhupen Borkakati (01/07/2024 18:06:18)

Processor - 1: Utpal Borah (02/07/2024 18:08:01)
Processor - 2: Susanta Deka (02/07/2024 18:38:05)
Processor - 3: Chandra Prasad Saikia (03/07/2024 12:57:13)
Processor - 4: Susanta Deka (03/07/2024 14:00:35)
Processor - 5: Chandra Prasad Saikia (03/07/2024 15:36:26)
Processor - 6: Biswajit Sinha (06/07/2024 11:19:31)
Processor - 7: Chandra Prasad Saikia (10/07/2024 17:06:04)
Processor - 8: Utpal Borah (10/07/2024 17:12:09)
Processor - 9: Bhupen Borkakati (10/07/2024 20:13:45)
Processor -10: Utpal Borah (10/07/2024 20:35:23)
Processor -11: Chandra Prasad Saikia (18/07/2024 20:21:54)
Processor -12: Biswajit Sinha (19/07/2024 11:15:19)
Processor -13: Chandra Prasad Saikia (24/07/2024 11:05:42)
Processor -14: Utpal Borah (24/07/2024 12:49:07)
Processor -15: Bhupen Borkakati (24/07/2024 17:52:10)
Processor -16: Utpal Borah (25/07/2024 00:34:57)
Processor -17: Chandra Prasad Saikia (25/07/2024 13:22:21)
Processor -18: Biswajit Sinha (25/07/2024 18:11:30)
Processor -19: Chandra Prasad Saikia (03/08/2024 16:43:57)
Processor -20: Dinesh Inrugbam (14/10/2024 10:00:16)
Processor -21: Chandra Prasad Saikia (26/10/2024 20:48:28)
Processor -22: Susanta Deka (04/11/2024 12:05:01)
Processor -23: Bijit Kr. Goswami (04/11/2024 12:32:58)
Processor -24: Joypal Roy (07/11/2024 16:10:44)
Processor -25: Bijit Kr. Goswami (07/11/2024 17:25:39)
Processor -26: Siddhartha Sankar Adhikari (08/11/2024 11:51:09)
Processor -27: Sitangshu Dhar (09/11/2024 08:18:32)
Processor -28: Dipjyoti Sarma (11/11/2024 14:46:47)
Processor -29: Siddhartha Sankar Adhikari (11/11/2024 17:14:19)
Processor -30: Bijit Kr. Goswami (11/11/2024 18:14:35)
Processor -31: Susanta Deka (11/11/2024 18:56:37)
Processor -32: Utpal Borah (11/11/2024 19:06:53)
Processor -33: Bhupen Borkakati (00/00/0000 00:00:00)

File Description

Submission of analysis for Extra items against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam.

Created By : Bhupen Borkakati
Created On :01/07/2024 18:06:07
With Department : Analysis for Extra items
Forwarded To: Utpal Borah

File Attachments

Attachments :

Analysis2; **Created By :**Bhupen Borkakati; **Uploaded on :**01/07/2024 18:05:22
Analysis1; **Created By :**Bhupen Borkakati; **Uploaded on :**01/07/2024 18:04:40
Abstract; **Created By :**Bhupen Borkakati; **Uploaded on :**01/07/2024 18:03:39
DeviationStatement; **Created By :**Bhupen Borkakati; **Uploaded on :**24/07/2024 17:48:54
Deviation; **Created By :**Bhupen Borkakati; **Uploaded on :**10/07/2024 20:13:23

File Notings

Subject: Submission of analysis for Extra items against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam.

Ref.: (i) Agreement No. NEEPCO/QP/ED/C&P/R/C/KHPS-CW/708 of 2023-2024 dtd. 21.06.2023

(ii) L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023

(iii) D.W.O. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/157dtd. 12.05.2023.

The above-mentioned work was awarded to the Contractor M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad on 01.05.2023 vide L.O.I. No. under reference (ii) above. The detailed work order was also issued vide reference (iii) above. Presently the work is in progress.

During execution of the work, the following two extra items were required as there are no similar items in the BOQ of the Contract.

1. Surface excavation in all kinds of soil (excluding loading, unloading, transport and all lift & lead) from the excavation area/ working site to the designated area or as directed by the Engineer in-charge (haulage, loading & unloading shall be measured and paid separately).

   *At the time of execution, it was decided by the Higher Authority to remove the entire Y-Piece Anchor block instead of partial breaking. Hence, the item for excavation of soil needs to be executed as Extra Item, as it was not in the BOQ of the Contract. Moreover, in BOQ item of excavation, the depth is up to 2.00m below from the ground level. The proposed extra item is exclusive of Haulage, Loading & unloading as it would be included in the filling items.

2. Dismantling of stone masonry with hydraulic breaker including loading, transport, all lift & lead up to 1.00km from the working site, uploading at disposal sites or stock piles and maintenance of the disposal sites or stock piles, construction of haul roads (if any) and its maintenance, complete in all respect as per technical specification, drawings and as directed by the Engineer in-charge.

   *During site visit of Higher Authority, it was decided to remove the Stone masonry block/structure above the Portal as one side of the structure was hanging. Hence, to prevent any accident during restoration works, the Contractor was instructed for dismantling the structure considering the item as Extra item.

As per Contract Clause No.33 of Conditions of Contract, the analysis of the Rates submitted by the Contractor has been scrutinized and found the cost involvement for extra items are as follows:

Sl. No.	Items	Unit	Qnty	Rate in INR	Amount in INR
1	Extra item No. 1 (Surface excavation…)	Cum	8709.920	158.27	13,78,519.04
2	Extra item No. 2 (Dismantling of stone…)	Cum	867.875	2206.35	19,14,836.01
				Total amount inclusive of GST @18% = Rs	32,93,355.05

The total Contract value as per BOQ is Rs. 25,13,23,555.32. The total cost involvement against the BOQ excess amount as well as above two extra items comes to Rs. 4,38,52,068.78 which is (+) 17.49% above the total Contract Value.

The proposal is submitted for technical approval from the Competent Authority as per the DOP Clause No. 14.1.

Put up for favour of kind perusal and further needful please.

Enclo: As stated above.

CGM(C)HSM (Bhupen Borkakaty)

Deputy Manager (C)

HSM::KHPS

ID: 001
Noted By: Bhupen Borkakati
Noted On: 01/07/2024 Time : 18:01:45

Forwarded To : Utpal Borah

Trailing note please.

The extra works were executed during construction as per site requirement under the instant contract during the progress of work as per general technical specification and guidelines. The necessity is explained in the preceding note.

As per Contract Clause No.33 of Conditions of Contract, the analysis of the Rates submitted by the Contractor has been examined and worked out on the basis of actual site input taken from joint records.

The total Contract value as per BOQ is Rs. 25,13,23,555.32. The cost involvement of the BOQ excess amount plus the instant two extra items sums to Rs. 4,38,52,069.00 which is (+) 17.49% above the total Contract Value.

The proposal is submitted for technical approval Of CGM as per the DOP Clause No. 14.1. Views of finance is required.

Put up of kind perusal and approval.

ID: 002
Noted By: Utpal Borah
Noted On: 02/07/2024 Time : 17:31:22

Forwarded To : Susanta Deka

The proposal vide the preceding notes may please be seen

Please examine and put up.

ID: 003
Noted By: Susanta Deka
Noted On: 02/07/2024 Time : 18:37:38

Forwarded To : Chandra Prasad Saikia

Please examine and put up a note for further processing of this proposal .

ID: 004
Noted By: Chandra Prasad Saikia

Noted On: 03/07/2024 Time : 12:56:42

Forwarded To : Susanta Deka

Returned.

ID: 005
Noted By: Susanta Deka
Noted On: 03/07/2024 Time : 14:00:27

Forwarded To : Chandra Prasad Saikia

Please examine and put up a note for further processing of this proposal .

ID: 006
Noted By: Chandra Prasad Saikia
Noted On: 03/07/2024 Time : 15:35:32

Forwarded To : Biswajit Sinha

Trailing notes may please be seen.

The proposal may be returned to HSM with a request to clarify the discrepancies observed in the FLM Notes and the attached deviation statement (w.r.t. the original contract sum, aggregate value of BOQ items executed in excess of BOQ quantities and extra / substituted items executed) in terms of Cl.14(a), Sec-I of DOP.

ID: 007
Noted By: Biswajit Sinha
Noted On: 06/07/2024 Time : 11:09:40

Forwarded To : Chandra Prasad Saikia

Obsevation of C&P at note no. 007 may be seen-

Accordingly , please resubmit the proposal for further processing .

ID: 008
Noted By: Chandra Prasad Saikia
Noted On: 10/07/2024 Time : 17:05:34

Forwarded To : Utpal Borah

Trailing note pl.

For resubmission as sought by C&P wing.

ID: 009
Noted By: Utpal Borah
Noted On: 10/07/2024 Time : 17:07:50

Forwarded To : Bhupen Borkakati

Trailing notes may kindly be seen

As desired, the deviation statement has been prepared and enclosed here with.

The total cost involvement against the BOQ excess amount as well as above two extra items up to 7th RA Bill comes to Rs. 4,38,52,068.78 which is (+) 17.45% w.r.t. the original Contract Value.

The proposal is submitted for technical approval from the Competent Authority as per the DOP Clause No. 14.1.

Put up for favour of kind perusal and further needful please.

Enclo: As stated above.

CGM(C)HSM (Bhupen Borkakaty)

Deputy Manager (C)

HSM::KHPS

ID: 010
Noted By: Bhupen Borkakati
Noted On: 10/07/2024 Time : 17:32:58

Forwarded To : Utpal Borah
Attachments : Deviation**; Uploaded on :**10/07/2024 20:13:23

Trailing note.

The proposal is resubmitted for further scrutiny by C&P Wing please.

ID: 011
Noted By: Utpal Borah
Noted On: 10/07/2024 Time : 20:32:09

Forwarded To : Chandra Prasad Saikia

As desired, clarification has been submitted from HSM.

Proposal may be examined for further processing .

ID: 012
Noted By: Chandra Prasad Saikia
Noted On: 18/07/2024 Time : 20:21:07

Forwarded To : Biswajit Sinha

Trailing notes may please be seen.

It is further observed that rates of extra item considered in the FLM Note 001, rate analysis submitted and the revised deviation statement are not matching. HSM may be requested to clarify the same.

Submitted please.

ID: 013
Noted By: Biswajit Sinha
Noted On: 19/07/2024 Time : 11:14:08

Forwarded To : Chandra Prasad Saikia

Observation of C&P at note no. 0013 may be seen.

Clarification is required for further processing of this proposal.

ID: 014
Noted By: Chandra Prasad Saikia
Noted On: 24/07/2024 Time : 11:05:02

Forwarded To : Utpal Borah

For resubmission with clarification to observation of C&P pl.

ID: 015
Noted By: Utpal Borah
Noted On: 24/07/2024 Time : 12:48:03

Forwarded To : Bhupen Borkakati

Trailing notes may kindly be seen.

As discussed, the deviation statement has been re-submitted and enclosed here with. The total cost involvement against the two extra items are as follows:

Sl. No.	Items	Unit	Qnty	Rate in INR	Amount in INR
1	Extra item No. 1 (Surface excavation...)	Cum	8792.76	158.27	13,91,630.13
2	Extra item No. 2 (Dismantling of stone...)	Cum	867.875	2206.35	19,14,836.01
				Total amount inclusive of GST @18% = Rs	33,06,466.14

The total Contract value as per BOQ is Rs. 25,13,23,555.32. The total cost involvement against the BOQ excess amount including the above two extra items (up to 7th RA Bill) comes to **Rs. 4,39,58,475.13** which is (+) 17.49% above the total Contract Value.

Put up for kind perusal and further needful please.

CGM(C) HSM (B.Borkakaty)

ID: 016
Noted By: Bhupen Borkakati
Noted On: 24/07/2024 Time : 17:43:57

Forwarded To : Utpal Borah
Attachments : DeviationStatement**; Uploaded on :**24/07/2024 17:48:54

Trailing note please.

Proposal resubmitted for further scrutiny at C&P.

ID: 017
Noted By: Utpal Borah
Noted On: 25/07/2024 Time : 00:34:06

Forwarded To : Chandra Prasad Saikia

From the trialing notes.

Please examine and put up for further processing.

ID: 018
Noted By: Chandra Prasad Saikia
Noted On: 25/07/2024 Time : 13:21:15

Forwarded To : Biswajit Sinha

Trailing notes may please be seen.

The proposal forwarded by CGM(C), HSM, KHPS, Umrongso, seeking technical approval for two nos of Extra items and variance thereof pertaining to the work **"Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam."** (vide L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023, W.O No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/157dtd. 12.05.2023

and Agreement No. NEEPCO/QP/ED/C&P/R/C/KHPS-CW/708 of 2023-2024 dtd. 21.06.2023) involves the following:

1. M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad is executing the above referred work. During execution of the work two nos of extra items were required to be executed by the contractor as per requirement at site (Ref. FLM Note 001).
2. The rate analysis pertaining to the extra items submitted by the Contractor were scrutinized by HSM on the basis of actual site inputs in terms of Clause No.33 of the Conditions of Contract.
3. The total financial implication along with deviation after revision by HSM is indicated below:

Sl. No.	*Details*	*Amount including GST (INR)*	*Remarks*
1	Original Contract sum	**25,13,23,555.32**	
2	Upto date value of work done (BOQ items) including extra items	13,10,88,245.62	Ref: Deviation Statement
3	**Extra Items** (To be Approved)**:**		
	No. 1: Surface excavation in all kinds of soil (excluding loading, unloading, transport and all lift & lead) from the excavation area/ working site to the designated area or as directed by the Engineer in-charge (haulage, loading & unloading shall be measured and paid separately).the vicinity of Adit-III (Ch. 4035 to 4135 m) including privision of grout holes & plugging etc	13,91,630.13	Ref: Deviation Statement
	No. 2: Dismantling of stone masonry with hydraulic breaker including loading, transport, all lift & lead up to 1.00km from the working site, uploading at disposal sites or stock piles and maintenance of the disposal sites or stock piles, construction of haul roads (if any) and its maintenance, complete in all respect as per technical specification, drawings and as directed by the Engineer in-charge	19,14,836.01	Ref: Deviation Statement
4	Total value of Extra items	**33,06,466.14**	Ref: Deviation Statement
5	Total value of works executed (BOQ items in excess of BOQ quantities)	**4,06,52,009.00**	Ref: Deviation Statement
6	Value of works executed (BOQ, extra/substituted items) in excess of original contract Sum (4+5)	**4,39,58,475.14**	
7	Variance during post-award execution of work over original contract sum (Ref: Cl:15.a, Sec-I of DOP)	**17.49%**	

4. HOP is empowered to accord technical approval in consultation with D&E in terms of Clause no:15.1, Sec-I of DOP.

5. The proposal may be forwarded to finance for further scrutiny and concurrence prior to approval of HOP.

Submitted for perusal and further needful please.

ID: 019
Noted By: Biswajit Sinha
Noted On: 25/07/2024 Time : 18:08:00

Forwarded To : Chandra Prasad Saikia

Instant proposal is submitted from HSM , KHPS seeking technical approval for two nos. of Extra items and variance thereof pertaining to the work **"Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam"** awarded in favour of M/s Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad vide W.O No. NEEPCO/QP/ ED/C&P /F/C/KHPS-CW/579/2023-2024/157dtd. 12.05.2023.

The detail evaluation of the proposal submitted by Sr. Manager (C) C&P at note no. 0019 may be seen.

Concurrence of Finance is sought for obtaining approval of Competent Authority in terms of clause no.14 Section -I of DOP (variation during post award execution of work / supply order or award price in respect of contract awarded by Corporate C&P) as proposed .

ID: 020
Noted By: Chandra Prasad Saikia
Noted On: 03/08/2024 Time : 16:41:52

Forwarded To : Dinesh Inrugbam

The proposal against technical approval for two nos of Extra items and variance thereof pertaining to the work "Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam.is eamine in finance & found in order.

the work in progress through M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad . It is recorded that two nos of extra items were required to be executed by the contractor as per requirement at site (Ref. FLM Note 001).

The rate analysis pertaining to the extra items submitted by the Contractor were scrutinized by HSM on the basis of actual site inputs in terms of Clause No.33 of the Conditions of Contract.

The total financial implication along with deviation after revision by HSM is indicated below:

Sum contract value: Rs 25,13,23,555.32

Upto date value of work done (BOQ items) including extra items: - Rs 13,10,88,245.62

Extra Items (To be Approved) : Rs 33,06,466.14

Total value of works executed : Rs 4,06,52,009.00
(BOQ items in excess of BOQ quantities)

Value of works executed (BOQ, extra/substituted items) Rs 4,39,58,475.14
in excess of original contract Sum
Variance during post-award execution of work over original contract sum is 17.49%

Finance is agreed as proposed subject to the approval from Competent authority as per Clause no:15.1, Sec-I of DOP, HOP is empowered to accord technical approval in Consultation with D&E.

ID: 021
Noted By: Dinesh Inrugbam
Noted On: 14/10/2024 Time : 09:59:21

Forwarded To : Chandra Prasad Saikia

From the trailing notes -

The instant proposal submitted from HSM, KHPS seeking approval against execution of two nos. of extra works attributing to 17.49 % variance w.r.t. original contract awarded in favour of **M/s Vijetha**

Engineers & Infrastructure Pvt. Ltd., Hyderabad vide W.O No. NEEPCO/QP/ ED/C&P /F/C/KHPS-CW/579/2023-2024/157dtd. 12.05.2023 for **"Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam"**.

The proposal is examined at C&P and the evaluation is forwarded for further scrutiny and concurrence site Finance.

Finance, KHPS has accorded concurrence to the proposal for technical approval for two nos. of Extra items pertaining to the work **"Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW)"** with a percentage variance of 17.49% w.r.to original contract sum for obtaining technical **approval of the Competent Authority**.

Original Contract sum is **Rs. 25,13,23,555.32/- exclusive of GST**

Total value of Extra items is **Rs. 33,06,466.14/- exclusive of GST**

Based on the evaluation and subsequent concurrence of Finance, instant proposal is found to be considerable for obtaining approval of Competent Authority as per provision of clause no. 14.1, Section -I of DOP (**Variance during post award execution of work in respect of contracts awarded by Corporate C&P**) wherein HOP is empowered to accord technical approval in Consultation with D&E.

Accordingly, a technical approval, against Variation during post award execution of work/ supply over award price may be obtained in terms of clause no. 14.1, under Section – I of DOP wherein GM and above is empowered to accord technical approval for regularization of extra items under consideration of this proposal. (**15% of the contract value or Rs 15Crore whichever is lower**)

Submitted for obtaining necessary technical approval for regularization of the extra works as proposed.

DGM(E/M), C&P

HOP, KHPS

ID: 022
Noted By: Chandra Prasad Saikia
Noted On: 26/10/2024 Time : 20:46:20

Forwarded To : Susanta Deka

The instant proposal initiated from HSM, KHPS seeking approval against execution of two nos. of extra works attributing to 17.49 % variance w.r.t. original contract awarded in favour of **M/s Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad** vide W.O No. NEEPCO/QP/ ED/C&P /F/C/KHPS-CW/579/2023-2024/157dtd. 12.05.2023 for **"Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam"**.

The proposal has been examined at C&P and Finance, KHPS has accorded concurrence to the proposal which is summerised below:

contract value:	Rs 25,13,23,555.32
Upto date value of work done (BOQ items) including extra items: -	Rs 13,10,88,245.62
Extra Items (To be Approved) :	Rs 33,06,466.14
Total value of works executed :	Rs 4,06,52,009.00
(BOQ items in excess of BOQ quantities) :	
Value of works executed (BOQ, extra/substituted items) :	Rs 4,39,58,475.14

in excess of original contract Sum

Variance during post-award execution of work over original contract sum is 17.49%.

Based on the evaluation and subsequent concurrence of Finance, instant proposal is found to be considerable for approval as per provision of clause no. 14.1, Section -I of DOP (Variance during post award execution of work in respect of contracts awarded by Corporate C&P, 25% of the contract value

or Rs 30 Crore whichever is lower) wherein HOP (CGM) is empowered to accord technical approval in Consultation with D&E.

Submitted for referral to the D&E Department obtaining necessary technical approval for regularization of the extra works as proposed.

ID: 023
Noted By: Susanta Deka
Noted On: 30/10/2024 Time : 11:37:32

Forwarded To : Bijit Kr. Goswami

We may please examine.

ID: 024
Noted By: Bijit Kr. Goswami
Noted On: 04/11/2024 Time : 12:28:57

Forwarded To : Joypal Roy

Trailing FLM notes and attachments may kindly be referred.

The instant proposal pertains to Variance during post award execution of work in respect of contracts awarded by Corporate C&P, and for obtaining technical clearance from D&E against execution of two nos. of extra works attributing to 17.49 % variance w.r.t. original contract awarded in favour of M/s Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad vide W.O No. NEEPCO/QP/ ED/C&P /F/C/KHPS-CW/579/2023-2024/157dtd. 12.05.2023 for "Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam".

The extra works are as follows:

Extra item No.1: Surface excavation in all kinds of soil (excluding loading, unloading, transport and all lift & lead) from the excavation areal working site to the designated area or as directed by the Engineer in-charge (haulage, loading & unloading shall be measured and paid separately).

Extra item No.2. Dismantling of stone masonry with hydraulic breaker including loading, transport, all lift & lead up to 1.00km from the working site, uploading at disposal sites or stockpiles and maintenance of the disposal sites or stockpiles, construction of haul roads (if any) and its maintenance, complete in all respect as per technical specification, drawings and as directed by the Engineer in-charge

Total financial involvement for the above two extra works is Rs. 33,06,466.14 including of GST.

As recorded by HOP: KHPS at note # 0023, total Contract Value is Rs. 25,13,23,555.32.

Up to date value of work done (BOQ items) including extra items:

Rs. 13,10,88,245.62

Extra Items (To be Approved): Rs. 33,06,466.14

Total value of works executed: Rs. 4,06,52,009.00

(BOQ items in excess of BOQ quantities)

Value of works executed

(BOQ, extra/substituted items): Rs. 4,39,58,475.14 in excess of original contract Sum

Hence, variance during post-award execution of work over original contract sum is 17.49%. Detailed variation statement is attached.

Based on the evaluation and subsequent concurrence of site Finance, the proposal has been recommended by HOP: KHPS for obtaining Technical Clearance of D&E in terms of Clause No. 14.1 of Section -I of DOP and subsequently HOP: KHPS is empowered to accord the Technical Approval.

In view of the above, the proposal may kindly be forwarded to ED(D&E) for according Technical Clearance on the instant proposal.

Submitted please.

ID: 025
Noted By: Joypal Roy
Noted On: 07/11/2024 Time : 16:02:40

Forwarded To : Bijit Kr. Goswami

Trailing notes are referred.

The proposal is endorsed for examination at D&E department and accordance of Technical Clearance, please.

ID: 026
Noted By: Bijit Kr. Goswami
Noted On: 07/11/2024 Time : 17:21:56

Forwarded To : Siddhartha Sankar Adhikari

Pl examine

ID: 027
Noted By: Siddhartha Sankar Adhikari
Noted On: 08/11/2024 Time : 11:50:19

Forwarded To : Sitangshu Dhar

For needful please

ID: 028
Noted By: Sitangshu Dhar
Noted On: 09/11/2024 Time : 08:16:56

Forwarded To : Dipjyoti Sarma

Sub: Civil Works pertaining to restoration of Kopili Hydro Electric Plant, Umrongso, Assam: Submission of analysis for 2 (Two) Nos. of Extra Items regarding.

Trailing Notes forwarded vide FLM and annexures may please be seen.

This office has received a proposal prepared & forwarded by the Project Authority in regard to execution of the 2 (Two) Nos. of extra items as mentioned below:

Item No. 1: Surface Excavation in all kinds of soil (excluding loading, unloading, transport and all leads & lifts) from the excavation area/working site to the designated area or as directed by the Engineer-in-Charge; and

Item No. 2: Dismantling of Stone Masonry with Hydraulic Breaker including loading, transport, all lifts & leads up to 1.00km from the working site, uploading at disposal sites or stock piles and maintenance of the disposal sites or stock piles, construction of haul roads (if any) and its maintenance, complete in all respect as per technical specification, drawings and as directed by the Engineer-in-Charge.

The instant proposal has been examined at this end and it may be noted that both of the items are required to be executed due to change in methodology due to construction requirement as well as to prevent mishap/accident during execution. As such, both the items may be considered as technically required.

Further, as indicted by the Project Authority, variation in other BoQ items are due to site requirement.

In this regard, the proposal may be recommended for according technical concurrence by the competent authority as per Cl. No. 14.1 of Section-I of DoP.

Financial & contractual aspects of the proposal have not been examined at this end.

Put up for kind perusal and needful please.

ID: 029
Noted By: Dipjyoti Sarma
Noted On: 11/11/2024 Time : 14:35:15

Forwarded To : Siddhartha Sankar Adhikari

Technical clearance accorded, please

ID: 030
Noted By: Siddhartha Sankar Adhikari
Noted On: 11/11/2024 Time : 17:13:21

Forwarded To : Bijit Kr. Goswami

Trailing notes are referred.

For further needful please.

ID: 031
Noted By: Bijit Kr. Goswami
Noted On: 11/11/2024 Time : 18:13:21

Forwarded To : Susanta Deka

Preceding notes are referred.

Based on Technical Clearance of the D&E Department, conveyed by the ED (D&E) at workflow #0030, Technical Approval is accorded.

For further needful please.

ID: 032
Noted By: Susanta Deka
Noted On: 11/11/2024 Time : 18:55:50

Forwarded To : Utpal Borah

Trailing note.

For further needful please.

ID: 033
Noted By: Utpal Borah
Noted On: 11/11/2024 Time : 19:05:17

Forwarded To : Bhupen Borkakati

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED NOTE

(Mini Ratna, Category-I, Government of India Enterprise)

File Number: Note Sheet/CW/HSM - I/Kh0025/288/KHEP/25/10/2024

Basic Details

FileType: Note Sheet	
Subject: Renovation & Modernisation of HM Eqipement - Deviation statement	
Created On : 24/10/2024 **Time :**14:35:26	**Status:** In Process
Created By: Bikon Longmailai	**Last Changed By:** Partha Protim Neog

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File Workflow

Creator : Bikon Longmailai (24/10/2024 14:45:36)

Processor - 1: Partha Protim Neog (24/10/2024 17:46:53)
Processor - 2: Utpal Borah (25/10/2024 12:23:32)
Processor - 3: Susanta Deka (25/10/2024 17:04:12)
Processor - 4: Chandra Prasad Saikia (25/10/2024 18:32:33)
Processor - 5: Biswajit Sinha (26/10/2024 13:14:19)
Processor - 6: Chandra Prasad Saikia (26/10/2024 20:59:01)
Processor - 7: Dinesh Inrugbam (05/12/2024 19:32:58)
Processor - 8: Chandra Prasad Saikia (31/12/2024 11:35:34)
Processor - 9: Susanta Deka (03/01/2025 16:57:00)
Processor -10: Bijit Kr. Goswami (03/01/2025 18:02:16)
Processor -11: Joypal Roy (06/01/2025 18:16:47)
Processor -12: Bijit Kr. Goswami (07/01/2025 11:40:24)
Processor -13: Siddhartha Sankar Adhikari (07/01/2025 13:55:55)
Processor -14: Sitangshu Dhar (08/01/2025 11:33:05)
Processor -15: Sujeet Kumar Jha (09/01/2025 10:17:37)
Processor -16: Sitangshu Dhar (14/01/2025 11:31:04)
Processor -17: Siddhartha Sankar Adhikari (14/01/2025 12:47:20)
Processor -18: Bijit Kr. Goswami (14/01/2025 17:53:37)
Processor -19: Susanta Deka (15/01/2025 17:09:05)
Processor -20: Chandra Prasad Saikia (18/01/2025 12:16:13)
Processor -21: Utpal Borah (21/01/2025 22:48:26)
Processor -22: Partha Protim Neog (22/01/2025 15:49:53)
Processor -23: Bikon Longmailai (21/02/2025 14:02:54)
Processor -24: Partha Protim Neog (24/02/2025 10:37:15)
Processor -25: Utpal Borah (24/02/2025 11:37:12)
Processor -26: Chandra Prasad Saikia (24/02/2025 12:31:13)
Processor -27: Gautam Kumar (24/02/2025 17:11:46)
Processor -28: Chandra Prasad Saikia (29/04/2025 09:50:41)
Processor -29: Amrit kumar Borah (02/05/2025 11:13:02)

Processor -30: Partha Protim Neog (02/05/2025 12:16:29)
Processor -31: Bikon Longmailai (00/00/0000 00:00:00)

File Description

"Renovation & Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam:- **Approval of deviation quantity and extra work.**

Created By : Bikon Longmailai
Created On :24/10/2024 14:40:49
With Department : Proposal
Forwarded To: Partha Protim Neog

File Attachments

Attachments :
Work-order**; Created By :**Bikon Longmailai**; Uploaded on :**24/10/2024 14:43:52
Deviation-statement**; Created By :**Bikon Longmailai**; Uploaded on :**24/10/2024 14:41:51

File Notings

Notes may kindly be seen.

Sub:- "Renovation & Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam:- **Approval of revised/deviation quantity.**

W.O No: NEEPCO/KHPS/C&P(C)/F-05/ 2023-24/4101, dated: 09.02.2024.
Name of Vendor: M/s **Techno Trade**

Amount as per order: Rs 3,09,79,385.00

Amount after deviation Rs 3,70,03,647.00

Deviated amount Rs 60,24,262.00 (+ve deviation of 19.45%)

The LOI for work "Renovation & Modernization of Hydro Mechanical Equipment's of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam" has been issued vide No: NEEPCO/KHPS/C&P(C)/F-05/ 2023-24/4101, dated: 09.02.2024. The work started on 8th March,24 and the work is in progress. During execution it is found that the quantity of some items of works has been found to be in-adequate and have to be executed as per requirement.at site. Therefore, a deviation statement for the quantity executed for some items of works has been re-prepared. Total financial involvements of the works come to Rs 3,70,03,647.00. The reason for the deviation and increase of quantity are as follows:-.

1. Item No.1.2 The quantity in respect of sand blasting and painting of 1 sets of intake bulkhead gate is found to be Inadequate. Quantity is taken as per actual measurement with increase to 42.52 sq.m against BOQ quantity of 33.2 sq.m. increasing 27.9%.

2. Item No 1.45. The quantity of Supply of wire rope of dia 32 mm is found to be Inadequate provision in the BoQ. The actual length of wire rope provided is 500 m as against the BoQ quantity of 200 m increasing 150%

3. Item No 4.31, 4.32, 4.33 & 4.34. The quantity in the BOQ of these items of works in respect of refurbishment of D.T gates are found to be only for one set of DT gate. As there are 2(two) sets of Dt gate, the quantity is taken twice of BOQ increasing 100% in these items of works.

4. Item No 4.35 The quantity for this item of works in respect of Supply of wire rope is found to be inadequate for two sets of DT gates, so quantity as required 350.00m against 200.00m is taken increasing 75% for this item.

5. Item No 4.36, 4.4 & 4.5 The quantity in the BOQ of these items of works in respect of refurbishment of D.T gates are found to be only for one set of DT gate. As there are 2(two) sets of DT gate, the quantity is taken twice of BOQ increasing 100% in these items of works.

6. Item No 5.11 & 5.12 There are 2 sets of Sluice gate gates in Khandong Dam & 2 sets DT gates in Khandong PS system and quantity is for one set gate only. However, 2set of Local Control Panel are required each for sluice gate and DT gate, thus increasing 100% in this item of works.

7. Extra Item No 1 There is no scope of work for this item "Supply and installation of E/M and Thruster brake at Surge shaft gates". However, during overhauling & lubricating of lifting system, the E/M brake and Thruster brake found to be not functioning properly. So as required 2 sets of E/M brake and Thruster brake have been supplied & installed.

8. Extra Item No 2 There is no scope of painting works in surge shaft hoist platform, however due to deteriorated condition of hoisting platform & its component structure, sand blasting and painting has been provided for safety & soundness of structure. Quantity, rate and specification is same as of item No 4.4 of this work.

9. Extra Item No 3 There is no scope of painting works Hoisting platform & its structure at Intake bulk head gate, however due to deteriorated condition of hoisting platform & its component structure, sand blasting and painting has been provided for safety & soundness of structure. Quantity, rate and specification is same as of item No 4.4 of this work

10. Extra Item No 4, 5 & 6 The existing ladder to hoisting platform at Intake bulk head gate is in miserable condition and unsafe for the users. So as sought by workers of Techno Trade, estimate has been prepared and taken approval from the competent authority vide Note Sheet/CW/HSM - I/Kh0017/67/KHEP/21/03/2024 at 0019 by Sri Susanta Deka, Hop 21.07.2024 12:43:31. This quantity has been taken into deviation statement and the rate and specification is as per the DSR-23 of the respective items.

Submitted for necessary approval of the competent authority please.

DGM(C),HSM B.longmailai, Manager (C),HSM

ID: 001
Noted By: Bikon Longmailai
Noted On: 24/10/2024 Time : 14:38:17

Forwarded To : Partha Protim Neog

The trailing note may kindly be seen

During execution of the work of "Renovation & Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam" some deviations in the BoQ items have been observed. Accordingly, in the intertest of unhindered progress of work, a provisional deviation statement has been prepared based on the executed quantity till date. The reasons for the deviation are as follows: -.

1. Item No.1.2 The quantity pertaining to sand blasting and painting of 1 sets of intake bulkhead gate is found to be Inadequate in the BoQ. The Quantity as per BoQ is 33.2 sqm. However, based on site condition, actual quantity arrives at 42.52 sq.m, i.e increase of 27.9%.

2. Item No 1.45. The quantity of Supply of wire rope (dia 32 mm) is found to be Inadequate in the BoQ. The actual length of wire rope utilized in the instant item is 500 m as against the BoQ quantity of 200 m, i.e. with increase in 150%

Item No 4.31, 4.32, 4.33 & 4.34. The quantity in respect of refurbishment of D.T gates is found to be inadequate. In the BOQ, these items of works are earmarked for only one set of DT gate. As there are 2(two) sets of DT gate, therefore the quantity arrives twice of the BOQ, i.e with increase in 100%.

Item No 4.35 The quantity in respect of Supply of wire rope is found to be inadequate for 02 (two) sets of DT gates. The required quantity is 350.00 m against the BoQ quantity of 200.00 m, i.e. with increase in 75%

Item No 4.36, 4.4 & 4.5 :- The BOQ quantity for these item of works pertaining to refurbishment of D.T gates are found to be inadequate, because as per the BoQ, the quantity earmarked for only one set of DT gate. However, physically there are 02(two) sets of DT Gates ,resulting in increase of 100% of the BoQ quantity.

Item No 5.11 & 5.12 The BOQ quantity for these items of works are found to be inadequate, because as per BoQ, quantity is earmarked for one set of gate only. However, there are 2 sets of Sluice gates in Khandong Dam & 2 sets DT gates at Khandong PS. Further, 2 sets of Local Control Panel are required each for sluice gate and DT gate, thus increase in 100% in the BoQ quantity of these item of works.

Extra Item No 1 The work of "Supply and installation of E/M and Thruster brake at surge shaft gates " was not included in the BoQ. However, during overhauling & lubricating of lifting system, the E/M brake and Thruster brake were found to be not functioning properly. So as per site requirement, 2 sets of E/M brake and Thruster brake have been supplied & installed.

Extra Item No 2 The work of painting in surge shaft hoist platform was not included in the BOQ. But, due to deteriorated condition of hoisting platform & its component structure, sand blasting and painting has to be provided. However, the rate and specification has been considered as per item No 4.4 of the BoQ.

Extra Item No 3 The work of painting in Hoisting Platform & its structure at Intake Bulk Head Gate was not included in the BoQ. However due to deteriorated condition of hoisting platform & its component structure, sand blasting and painting had to be provided. However, the rate and specification has been considered as per item No 4.4 of the BoQ.

Extra Item No 4, 5 & 6 The existing ladder to hoisting platform at Intake bulk head gate is in very bad condition and this poses great risk to the manpower during operation and maintenance of the same. Therefore, an estimate has been prepared and approval for the same has already been obtained from the Project authority vide Note Sheet/CW/HSM - I/Kh0017/67/KHEP/21/03/2024 on 21.07.2024 as an extra work, as the scope of the said work was not included in the Stipulated BOQ. It is pertinent to be mentioned that the rate and specification is as per the DSR-23 of the respective items.

Thus, it is evident that **the deviation occurs primarily due to inadequate provision in the BoQ quantities and also as per the requirement of site**.

So, based on the above-mentioned reasons, the total financial involvements of the works "Renovation & Modernization of Hydro Mechanical Equipment's of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam" arrives at **Rs 3,70,03,647.00 as against Rs 3,09,79,385.00 (as per the WO). Therefore, the total amount deviated by (+) Rs 60,24,262.00, i.e with deviation of (+) 19.45%.**

As per Cl.No-15(b).1 of DOP, Section-I, the CGM/HOP is empowered to accord Technical approval of the instant deviation after due consultation with D&E Wing

Submitted for further needful please.

CGM(Tech),HSM (P.P.Neog)

ID: 002
Noted By: Partha Protim Neog
Noted On: 24/10/2024 Time : 17:46:16

Forwarded To : Utpal Borah

Trailing note pl.

The proposal is to get technical approval to variation during post award execution of the work "Renovation & Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam" subsequent to accordance of technical clearance from D&E Wing. Deviation statement may pl. be referred to.

It is found that the deviation occurs mostly due to inadequate provision in BoQ and also as per the requirement of site for extra works. Detailed mentioned at ID 002.

Accordingly, the total financial involvement of the works "Renovation & Modernization of Hydro Mechanical Equipment's of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam" comes to Rs 3,70,03,647.00 against the original contract sum of Rs. 3,09,79,385.00 (as per the W.O.). Therefore, the total amount deviated by (+) Rs. 60,24,262.00, i.e. with deviation of (+) 19.45%.

In terms of Cl. No.-15.1 of DOP, Section-I, the CGM/HOP is empowered to accord technical approval of the instant deviation after technically cleared by D&E Wing.

The proposal is recommended for approval.

Submitted please.

ID: 003
Noted By: Utpal Borah
Noted On: 25/10/2024 Time : 12:22:55

Forwarded To : Susanta Deka

Preceding notes may please be seen.

Please examine and put up.

ID: 004
Noted By: Susanta Deka
Noted On: 25/10/2024 Time : 17:03:47

Forwarded To : Chandra Prasad Saikia

Please examine and put up a note for further processing of this proposal .

ID: 005
Noted By: Chandra Prasad Saikia
Noted On: 25/10/2024 Time : 18:30:45

Forwarded To : Biswajit Sinha

Trailing notes may please be seen.

The proposal forwarded by CGM(C), HSM, KHPS, Umrongso, seeking technical approval for variation of **(+) 19.45%** w.r.t. original contract sum pertaining to the work **"Renovation & Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam"** (vide LOI No. NEEPCO/KHPS/C&P(C)/F-05/ 2023-24/4101, dated: 09.02.2024, PO NO: 3700009230, dated: 18.05.02.2024 and Agreement No. NEEPCO/KHEP/C&P (C)/F-06/2024-25/67, dtd. 28.05.2024) involves the following:

1. Post award variation occurred during execution of the above mentioned work being executed by "M/s Techno Trade" due to execution of extra items and variance in BOQ quantity as per requirement at site.
2. As the value of work executed is more than the original contract sum the variation has been calculated in terms of Clause 15(b), Sec-I of DOP. The total financial implication along with deviation has been indicated below:

Sl. No.	Details	Amount including GST (INR)	Remarks
1	Original Contract sum	**3,09,79,385.00**	
2	Total value of works executed (BOQ, Extra/Substituted items) as on till date	3,70,03,647.00	(Ref: Attached revised deviation statement)
3	Value of works executed (BOQ, Extra/Substituted items) in excess of contract sum	**60,24,262.00**	(Ref: Attached revised deviation statement)
4	Variance (Till date) during post-award execution of work over original contract sum (Ref: Cl:15(a), Sec-I of DOP	**(+) 19.45%**	

HOP is empowered to accord technical approval for the instant proposal in consultation with D&E in terms of Cl.No.15.1, Sec-I of DOP.

The proposal may be forwarded to finance for further scrutiny and concurrence prior to approval of HOP.

Submitted for perusal and further needful please.

ID: 006
Noted By: Biswajit Sinha
Noted On: 26/10/2024 Time : 13:13:38

Forwarded To : Chandra Prasad Saikia

The instant proposal submitted from HSM, KHPS seeking technical approval against execution of extra works attributing to **(+) 19.45%** variance w.r.t. original contract awarded **in favour of "M/s Techno Trade" vide** LOI No. NEEPCO/KHPS/C&P(C)/F-05/ 2023-24/4101, dated: 09.02.2024, PO NO: 3700009230, dated: 18.05.02.2024 for **""Renovation & Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, "**.

The proposal is examined and the evaluation of the proposal submitted bySr. Manager(C) ,C&P at note no. 006 .

Concurrence of Finance is sought for obtaining technical approval of Competent Authority in terms clause no. 15.1, Sec-I of DOP (technical approval of variance during post award execution of work order in respect of contract awarded by site) against execution of extra works as proposed.

ID: 007
Noted By: Chandra Prasad Saikia
Noted On: 26/10/2024 Time : 20:57:47

Forwarded To : Dinesh Inrugbam

The CGM(C), HSM, KHPS, Umrongso, has submitted a proposal seeking technical approval for a variation of (+) 19.45% in the original contract sum for the "Renovation & Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station (2X23 MW)".

Details:

1. Original Contract Sum: ₹3,09,79,385.00 (including GST).
2. Total Value of Work Executed: ₹3,70,03,647.00, covering BOQ, extra, and substituted items (per revised deviation statement).
3. Excess Work Value: ₹60,24,262.00, arising from extra items and BOQ quantity variances based on site requirements.
4. Variance Percentage: (+) 19.45% over the original contract sum, calculated per Clause 15(b), Section-I of DOP.

Finance is accorded the the variation in Contract price with the reasons for the positive deviation mentioned in note 001

The proposal shall be regulated as per Clause 15.1, Section-I of DOP. to grant technical approval for the variation in consultation with the Design & Engineering (D&E) department under.

Submitted

ID: 008
Noted By: Dinesh Inrugbam
Noted On: 05/12/2024 Time : 19:32:34

Forwarded To : Chandra Prasad Saikia

The proposal duly recommended by CGM(C), HSM, KHPS, Umrongso, seeking Approval of revised/deviation quantity against the work "Renovation & Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam"

It is recorded that some deviations in the BoQ items have been observed during execution of the contract as stated above . Accordingly, in the intertest of unhindered progress of work, a provisional deviation statement has been prepared based on the executed quantity till date.

In the proposal reasons for deviations are already recorded by the executing authority and accordingly recommended by CGM(C) HSM.

Also recorded that , it is evident that the deviation occurs primarily due to inadequate provision in the BoQ quantities and also as per the requirement of site.

Based on the above-mentioned reasons, the total financial involvements of the works "Renovation & Modernization of Hydro Mechanical Equipment's of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam" arrives at Rs 3,70,03,647.00 as against Rs 3,09,79,385.00 (as per the WO). Therefore, the total amount deviated by (+) Rs 60,24,262.00, i.e with deviation of (+) 19.45%.

Site Finance has scrutinized the proposal and accorded the variation in Contract price with the reasons for the positive deviation mentioned in note 001 and suggested to regulate as per Clause 15.1, Section-I of DOP to grant technical approval for the variation in consultation with the Design & Engineering (D&E) department under.

As per Cl.No-15(b).1 of DOP, Section-I, the CGM/HOP is empowered to accord Technical approval of the instant deviation after due consultation with D&E Wing

Put up for according approval for regulating the payment to the contractor as proposed in the proposal.

ID: 009
Noted By: Chandra Prasad Saikia
Noted On: 30/12/2024 Time : 11:41:32

Forwarded To : Susanta Deka

The proposal duly recommended by CGM(C), HSM, KHPS, Umrongso, seeking Approval of revised/deviation quantity against the work "Renovation & Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam"

Due to deviations in the BoQ items observed during execution of the contract as stated above in the intertest of unhindered progress of work, a provisional deviation statement has been prepared based on the executed quantity which are detailed at workflow #001and has been recommended by CGM(C) HSM.

Also recorded that , it is evident that the deviation occurs primarily due to inadequate provision in the BoQ quantities and also as per the requirement of site.

Based on the above-mentioned reasons, the total financial involvements of the works "Renovation & Modernization of Hydro Mechanical Equipment's of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam" arrives at Rs 3,70,03,647.00 as against Rs 3,09,79,385.00 (as per the WO). Therefore, the total amount deviated by (+) Rs 60,24,262.00, i.e the deviation of (+) 19.45%.

Site Finance has scrutinized the proposal and accorded the variation in Contract price with the reasons for the positive deviation mentioned in note 001 and suggested to regulate as per Clause 15.1, Section-I of DOP to grant technical approval for the variation in consultation with the Design & Engineering (D&E) department under.

As per Cl.No-15(b).1 of DOP, Section-I, the CGM/HOP is empowered to accord Technical approval of the instant deviation after due consultation with D&E Wing.

Matter is therefore forwarded to refer to the D&E Department for issuing clearance pleas.

ID: 010
Noted By: Susanta Deka
Noted On: 03/01/2025 Time : 16:56:32

Forwarded To : Bijit Kr. Goswami

Trailing notes are referred.

May please be seen.

ID: 011
Noted By: Bijit Kr. Goswami
Noted On: 03/01/2025 Time : 18:01:19

Forwarded To : Joypal Roy

Trailing FLM notes and attachments may kindly be referred.

Ref: Work Order No. NEEPCO/KHPS C&P (C)/F-05/2023-24/4101 dtd. 09.02.2024. (attached)

The instant proposal pertains to obtaining Technical Clearance of revised/deviation quantity against the work "Renovation & Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station (2x23 MW) Umrangso, Dima-Hasao, Assam" from D&E.

1. Due to deviations in the BoQ items observed during execution of the contract as stated above in the intertest of unhindered progress of work, a provisional deviation statement has been prepared based on the executed quantity which are detailed at workflow ID #0001 and has been recommended by HOP: KHPS.
2. It is also that the deviation occurred primarily due to inadequate provision in the BoQ quantities and also as per the actual requirement of site.
3. Based on the above-mentioned reasons, the total financial involvement of the works "Renovation & Modernization of Hydro Mechanical Equipment's of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam" arrives at Rs 3,70,03,647.00 as against Rs. 3,09,79,385.00 (as per the WO). Therefore, the total amount deviated by (+) Rs. 60,24,262.00, i.e. the deviation of **(+) 19.45%.**
4. Site Finance has vetted the proposal and accorded the variation in Contract price with the reasons for the positive deviation mentioned in note ID # 0001 and suggested to regulate as per Clause 15.1, Section-I of DOP to obtain technical clearance for the variation in consultation with the Design & Engineering (D&E) department under at his note ID # 0008.

In view of the above, the proposal may kindly be forwarded to ED(D&E) for according Technical Clearance on the instant proposal.

Submitted please.

ID: 012
Noted By: Joypal Roy
Noted On: 06/01/2025 Time : 18:15:51

Forwarded To : Bijit Kr. Goswami

Trailing notes may kindly be referred.

The subject proposal is placed for examination at D&E department and Technical Clearance, please.

ID: 013
Noted By: Bijit Kr. Goswami
Noted On: 07/01/2025 Time : 11:37:54

Forwarded To : Siddhartha Sankar Adhikari

Pl examine

ID: 014

Noted By: Siddhartha Sankar Adhikari
Noted On: 07/01/2025 Time : 13:55:18

Forwarded To : Sitangshu Dhar

Please examine.

ID: 015
Noted By: Sitangshu Dhar
Noted On: 08/01/2025 Time : 10:43:33

Forwarded To : Sujeet Kumar Jha

The trailing FLM notes may be referred to.

The proposal has been examined and found to be technically in order. It may be noted that the contractual/financial aspects of the proposal are not examined at this end.

The proposal may be recommended for technical sanction by the competent authority.

Submitted for kind perusal and further needful please.

ID: 016
Noted By: Sujeet Kumar Jha
Noted On: 09/01/2025 Time : 10:16:38

Forwarded To : Sitangshu Dhar

The proposal is recommended for technical concurrence please.

ID: 017
Noted By: Sitangshu Dhar
Noted On: 14/01/2025 Time : 11:30:11

Forwarded To : Siddhartha Sankar Adhikari

Technical clearance accorded, please

ID: 018
Noted By: Siddhartha Sankar Adhikari
Noted On: 14/01/2025 Time : 12:46:01

Forwarded To : Bijit Kr. Goswami

Technical Clearance accorded by D&E department may please be seen.

For further needful please.

ID: 019
Noted By: Bijit Kr. Goswami
Noted On: 14/01/2025 Time : 17:48:33

Forwarded To : Susanta Deka

Referring preceding notes,

On receipt of the Technical Clearance from the D&E Department recorded at workflow #0018, further conveyed by the ED (O&M), Technical Approval is accorded.

For further needful please.

ID: 020
Noted By: Susanta Deka
Noted On: 15/01/2025 Time : 17:08:26

Forwarded To : Chandra Prasad Saikia

Forwarded for further process please.

ID: 021
Noted By: Chandra Prasad Saikia
Noted On: 18/01/2025 Time : 12:15:31

Forwarded To : Utpal Borah

Trailing note.

For needful.

ID: 022
Noted By: Utpal Borah
Noted On: 21/01/2025 Time : 22:41:40

Forwarded To : Partha Protim Neog

Consequent upon obtaining Technical Approval from HoP, KHPS, forwarded for further needful please

ID: 023
Noted By: Partha Protim Neog
Noted On: 22/01/2025 Time : 15:48:50

Forwarded To : Bikon Longmailai

Trailing notes may please be seen.

The PR No 1300004682 has been generated for the deviated quantity and extra works to add to the PO. No.3700009230 for further process of bill to the vendor.

Submitted for needful please.

ID: 024
Noted By: Bikon Longmailai
Noted On: 21/02/2025 Time : 14:02:06

Forwarded To : Partha Protim Neog

Consequent upon obtaining approval from Competent Authority and creation of PR No 1300004682 for the deviated quantity and extra works, the instant proposal may please be forwarded to C&P Wing for further needful please.

ID: 025
Noted By: Partha Protim Neog

Noted On: 24/02/2025 Time : 10:35:59

Forwarded To : Utpal Borah

Trailing note pl.

Forwarded the PR for further needful pl.

ID: 026
Noted By: Utpal Borah
Noted On: 24/02/2025 Time : 11:36:25

Forwarded To : Chandra Prasad Saikia

Preceding notes may be seen.

Please add PR No 1300004682 for the deviated quantity and extra works to the PO. No.3700009230.

ID: 027
Noted By: Chandra Prasad Saikia
Noted On: 24/02/2025 Time : 12:29:34

Forwarded To : Gautam Kumar

As directed, PR-1300004682 has been added to the existing PO- 3700009230 for your kind perusal and further needful please.

ID: 028
Noted By: Gautam Kumar
Noted On: 24/02/2025 Time : 16:16:43

Forwarded To : Chandra Prasad Saikia

For record

ID: 029
Noted By: Chandra Prasad Saikia
Noted On: 29/04/2025 Time : 09:49:49

Forwarded To : Amrit kumar Borah

Forward for your record please.

ID: 030
Noted By: Amrit kumar Borah
Noted On: 02/05/2025 Time : 11:09:56

Forwarded To : Partha Protim Neog

The trailing notes may kindly be seen.

Forwarded for further needful

ID: 031
Noted By: Partha Protim Neog
Noted On: 02/05/2025 Time : 12:15:40

Forwarded To : Bikon Longmailai

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED NOTE

(Mini Ratna, Category-I, Government of India Enterprise)

File Number: Note Sheet/CW/HSM - I/T-133/248/KHEP/30/09/2025

Basic Details

FileType: Note Sheet	
Subject: Technical Approval for extra works & final deviation and issuance of change orde	
Created On : 30/09/2025 **Time :**15:42:49	**Status:** In Process
Created By: Shashank Singh	**Last Changed By:** Amrit kumar Borah

File Workflow

Creator : Shashank Singh (30/09/2025 17:30:12)

Processor - 1: Parag Saikia (07/10/2025 09:04:43)
Processor - 2: Ashim jyoti Bordoloi (13/10/2025 11:59:43)
Processor - 3: Amrit kumar Borah (13/10/2025 12:06:01)
Processor - 4: Gautam Kumar (00/00/0000 00:00:00)

File Description

Subject: Technical Approval for extra works & final deviation and issuance of change order-reg.

Ref:-

Name of the Contract: Design, fabrication, supply, installation & commissioning of penstock & steel in-liner of Khandong Power Station (2 x 23 MW), Umrongso, Assam

Name of the contractor: M/s Abir Infrastructure Private Limited, New Delhi

W.O No. NEEPCO/QP/ED/C&P/F/C/KhPS-HM/580/VOL-II/2023-24/775, Dtd. 18.10.23

Agreement No. NEEPCO/QP/ED/C&P/R/C/KhPS-HM/709 Dtd 22-11-2023

Created By : Shashank Singh
Created On :30/09/2025 17:23:17
With Department : Notesheet
Forwarded To: Parag Saikia

File Attachments

Attachments :

Final_deviation_statement; **Created By :**Shashank Singh; **Uploaded on :**30/09/2025 17:18:53
Appendix-7; **Created By :**Shashank Singh; **Uploaded on :**30/09/2025 17:16:04
Appendix-7; **Created By :**Shashank Singh; **Uploaded on :**30/09/2025 17:03:25
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Appendix-6; **Created By :**Shashank Singh; **Uploaded on :**30/09/2025 16:56:40
Clause_13.1(iii)_Part-5_Technical_Specifications; **Created By :**Shashank Singh; **Uploaded on :**30/09/2025 16:56:05
Appendix-5; **Created By :**Shashank Singh; **Uploaded on :**30/09/2025 16:54:34
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Appendix-1; **Created By :**Shashank Singh; **Uploaded on :**30/09/2025 16:29:37
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Abir_W.O_dtd_18.10.2023; **Created By :**Shashank Singh; **Uploaded on :**30/09/2025 15:56:21

File Notings

Subject: Technical Approval for extra works & final deviation and issuance of change order-reg.

Ref:-

Name of the Contract: Design, fabrication, supply, installation & commissioning of penstock & steel in-liner of Khandong Power Station (2 x 23 MW), Umrongso, Assam

Name of the contractor: M/s Abir Infrastructure Private Limited, Hyderabad

W.O No. NEEPCO/QP/ED/C&P/F/C/KhPS-HM/580/VOL-II/2023-24/775, Dtd. 18.10.23

Agreement No. NEEPCO/QP/ED/C&P/R/C/KhPS-HM/709 Dtd 22-11-2023

M/s Abir Infrastructure Private Limited, Hyderabad was awarded the work of **"Design, fabrication, supply, installation & commissioning of penstock & steel in-liner of Khandong Power Station (2 x 23 MW), Umrongso, Assam"** vide W.O under Ref. 3 above with a contract sum of Rs. **46,18,27,279.00**

During the execution of the above-mentioned contract, the contractor undertook certain extra works which were not part of the original scope, but were found necessary to facilitate the execution of main works, avoid delays, ensure quality and maintain integrity of the overall project progress.

The detailed summary of the extra works executed and the rate analysis is shown as under: -

Extra Item No. 1: Removal of S.S Cladding of Bends

As per Clause 3.3, Part-5, Technical Specifications **(copy attached)** of the contract agreement, **"The scope of works shall include in-situ cladding of the existing bends of the Penstock with stainless steel conforming to ASTM A240, Gr 304. The cladding shall be done by way of 20 mm dia. plug welds provided @200mm c/c and staggered along the periphery of the bend. Prior to the commencement of the cladding, entire bend area shall be scanned with Phased Array Ultrasonic Testing (PAUT) and all the corroded and pitted area shall be filled with weld to make the surface levelled. The cost of the PAUT deem to be included in the unit price of the item of SS cladding work"**.

However, during initial inspection, it was observed that the lower half of the bends were already cladded with stainless steel and the same was communicated by the contractor vide Letter dtd. 12.02.2024 **(copy attached)**.

Prior to commencement of PAUT, weld build-up and cladding, removal of existing S.S cladding was essential for condition assessment of the bends and its subsequent refurbishment with weld deposit.

In response to the letter from M/s Abir dated 12.02.2024, D&E, via their email dated 13.02.2024 **(copy attached)**, provided their approval for the removal of cladding plates from the bends.

Subsequently, the contractor was given confirmation to go ahead with the removal of the existing cladding from the lower half of the bends vide EIC letter dtd. 21.02.2024 **(copy attached)**. Further it was intimated to the contractor that since the removal of S.S cladding is not covered under the scope of the works, the payment against the said item shall be made as per the clause 33(C) of Part-4, Bid Document of Condition of Contract.

The contractor executed the work from 01.03.2024 to 26.03.2024. Now, M/s Abir vide letter dtd. 13.08.2025 (Download link- https://drive.google.com/file/d/1G9h86FBhwIePkc7TVdutGkOKQuhhGiqg/view?usp=drive_link) have submitted their total financial involvement of **Rs. 10,93,819.00** (excluding GST) pertaining to cost incurred for the said work. The same has been scrutinised as per the available records and the corrected financial involvement comes out to be **Rs. 8,30,528.00** (excluding GST) (refer **Appendix-1** for detailed rate analysis)

Extra Item No. 2: Phased Array Ultrasonic Testing of Additional Bends

In the MoM dtd 19.03.2024 **(Copy attached)** following points were recorded as under at Sl. No. 6:-

"**During the site visit, it was clarified by D&E that Anchor Block- 3A & 3B will be kept intact and remaining horizontal portion after Anchor Block 3(A&B) upto D-line of the Power house shall be removed by M/s Abir and new in-liners in segment shall be installed and the gap between concrete and in-liner shall be filled with non-shrink cement grout by civil agency. Chipping of concrete, if any shall also be done by the civil agency.**

D&E further clarified that Bends of that Anchor Block- 3A & 3B are to be scanned thoroughly using PAUT techniques to capture extent of corrosion and pitting. Based on report of PAUT, the bend shall be refurbished by filling up of corroded area by weld deposit followed by cladding of the same with 5 mm thick stainless-steel plates conforming to ASTM A240 Gr. 304.

M/s Abir agreed to take up the work Anchor Block- 3A & 3B cladding works as suggested by D&E. ***Further, M/s Abir informed that, the weld deposit in corroded area followed by the cladding of the same with 5mm thick stainless-steel plates to be considered and paid as per BoQ items 3.1 and 3.2 as per actual Qty of work executed at site. They further stated that the price of PAUT as suggested by D&E is not embedded in the quoted rate of item No. 3.1 & 3.2 and the price of conducting PAUT on 4 Nos. of Bends, as provided in the Technical Specifications, are embedded in the item for NDT testing. M/s Abir requested for reimbursement of cost incurred towards scanning of additional two (2) Nos of Bend on actual basis. Project Authority requested M/s Abir to proceed with the work as suggested by D&E and assured to regulate the works as per terms of the Contract Agreement."***

M/s Abir executed the work of PAUT of two additional bends from 02.05.2024 to 09.05.2024 and submitted the reports vide letter dtd.13.06.2024 **(copy attached)**.

Now, M/s Abir vide letter dtd. 13.08.2025 have submitted their total financial involvement of **Rs. 25,73,896.27** (excluding GST) pertaining to cost incurred for the said work. The same has been scrutinised and the corrected financial involvement comes out to be Rs. 24,71,526.00 (excluding GST) (refer **Appendix-2** for detailed rate analysis)

Extra Item No. 3: Erection of 3 No. of Bunds and Dewatering Arrangement in HPT

Due to continuous leakage from the surge shaft gate, a barrier/bund was created at MU-1 to facilitate the erection & welding activities of CS and LS joints inside the HPT. Dewatering of the accumulated water behind the barrier was essential to keep the downstream area dry and workable. The issue of continuous water leakage from the surge shaft gate bottom sill beam was also communicated by the contractor vide their letter dtd. 13.08.2024 **(copy attached)**.

In this regard, a dewatering methodology was submitted by the contractor on 20.08.2024, in compliance with the EIC's email dated 16.08.2024 **(copy attached)**. Vide email dated 24.08.2024 **(copy attached)**, the contractor was permitted to proceed with the work, subject to the condition that payment shall be regulated as per the contractual provisions, considering this as extra work.

Subsequently, based on site requirements, two (2) additional bunds were constructed as detailed below:

- 1st bund at the u/s of MU-1 to facilitate the erection and welding of MU-1
- 2nd bund at F-53 to facilitate the erection and welding of MU-2 (closing piece between HPT and Bifurcation)

M/s Abir, vide letter dated 13.08.2025, has submitted a total financial involvement of **₹41,63,182.00** (excluding GST) for the above works. Upon scrutiny, the corrected financial involvement has been assessed as **₹33,67,513.00** (excluding GST). (Refer **Appendix-3** for detailed rate analysis.)

Extra Item No. 4: Cooling Water Inlet Pipe Tapping from Penstock for Both Units

In the RND dtd. 25.04.2024 **(copy attached)** chaired by the Shri R.M Sonowal, Expert Consultant, following was recorded at point no. 1 as under: -

"It was decided that that existing cooling water pipes welded to the Penstock on the upstream of MIV shall be removed and replaced with SS pipes of same dia. and accordingly, dismantling of concrete in the designated area at the turbine floor shall be done"

In the MoM dtd. 08.08.2024 **(copy attached)** chaired by ED(O&M), it was recorded at Sl.No VII(1) that the work of connection of cooling water pipes to the Penstocks **shall be taken up by M/s Abir**.

Subsequently, M/s Abir, vide their letter dated 15.10.2024 **(copy attached)**, submitted a Techno-Commercial Proposal, including drawing and WPS (Welding Procedure Specification). This submission was forwarded to the Design & Engineering (D&E) Wing for review.

The comments from the D&E Wing were communicated to M/s Abir via email dated 01.11.2024 **(copy attached)**.

In response, M/s Abir submitted a revised WPS on 05.11.2024, addressing the comments. The revised WPS was then forwarded to the Review Consultant, Shri Ashok Sharma, for evaluation.

The WPS was approved by the Review Consultant, and the approval was conveyed to the contractor via email dated 07.11.2024 **(copy attached)**, along with a request to make necessary arrangements to proceed with the work.

The work was executed by the contractor from 10.12.2024 to 22.12.2024.

It is also important to highlight that the above work was carried out as per the requirement of the E/M Wing and did not fall within the scope of works of the contract awarded to M/s Abir.

Now, M/s Abir, vide letter dated 13.08.2025, has submitted their financial claim amounting to **Rs. 10,49,256.00** (excluding GST), covering expenses for the executed work. Upon scrutiny, the corrected financial involvement has been determined as **Rs. 8,11,101.00** (excluding GST). (Refer **Appendix-4** for detailed rate analysis.)

Extra Item No. 5: Re-rolling of ferrules (F-103 to MU-14) in U/G Inclined & Horizontal Penstock Section

For erection of steel In-liner in the bottom horizontal portion (16.0 m in each penstock) and inclined portion of HPT (20.0 m in each Penstock), the approved drawings received from D&E necessitated that ***"The existing concrete has to be chipped 100-150 mm all around in order to erect the steel in-liner"*.** However, due to practical difficulties in carrying out such excessive chipping and to save time, the matter was taken up with D&E vide email dtd. 03.08.2024 **(copy enclosed)**

In the MOM dtd. 08.08.2024 **(copy attached)** chaired by ED(O&M) it was recorded at Sl.No VII (7) that the issue regarding reducing the quantum of chipping of concrete (by restricting it only at the location around the stiffener and at the reducer portion) pertaining to the bottom horizontal (16.0 m in each penstock) and inclined portion of HPT (20.0 m in each Penstock) was discussed and it was apprised that the matter has been taken up with D&E.

Consequently, vide letter dtd. 13.08.2024 **(copy attached)**, the contractor had proposed for reducing the steel In-liner dia. by 50 mm citing the following reasons: -

- For erection of the new steel in-liner along the buried length of the inclined and bottom penstock, the entire surface of the concrete must be chipped to provide 25mm clearance on both sides of the penstock to accommodate the new in-liner, including backing strips, grout plugs, and other necessary components.
- It was observed that the old backfill/concrete lining was 200-250mm thick. Chipping by impact hammers may cause damages like developing cracks etc and may weaken the old concrete. Additionally, the old concrete is overlaid with boulders and soil, with an overburden of 13-15m in height. Disturbing the old concrete could potentially lead to a collapse and pose a significant safety risk.

In response to the proposal of the contractor, the matter was again taken up with D&E vide email dtd. 11.09.2024 to offer their comments on the proposal of reduction of dia. by 50 mm for timely completion of works. The approval for the proposal was received from the D&E vide email dtd. 12.09.2024 **(copy attached)**.

Similarly, for reduction of dia. by 50 mm in the inclined portion (20.0 m), recommendation of D&E and approval of D(T) was received vide FLM Notesheet Note Sheet/CW/HSM - I/T-133/285/KHEP/23/10/2024/2024 **(FLM file attached)**

It is to be mentioned that owing to the approval received for reduction of dia. of Steel In-liner by 50 mm by D&E and to start the erection works of steel in-liner, the already rolled & fabricated plates (2.5 m dia.) pertaining to the bottom horizonal and inclined stretch needed to be re-rolled to the dia. of 2.45 m.

Now, M/s Abir vide letter dtd. 13.08.2025 have submitted their total financial involvement of Rs. 39,46,545.60 (excluding GST) pertaining to cost incurred for re-rolling of plates. The same has been scrutinised and the corrected financial involvement comes out to be Rs. 38,61,732.00 (excluding GST) (refer **Appendix-5** for detailed rate analysis)

Extra Item No. 6 Conduction of Magnetic Particle Examination of all field CS joints of Surface Penstock

Clause 13.1(iii) Part-5 Technical Specifications of the Contract Agreement stipulates that **"All field Circumferential joints (Carbon Steel side) shall be subjected to 100% MPE"**

In compliance with the above clause, the contractor conducted Magnetic Particle Examination (MPE) of all field circumferential joints on the carbon steel (CS) side of the Surface Penstock.

While the contract mandates MPE testing, there is no corresponding item provided in the Bill of Quantities (BoQ). As such, the work is considered an extra item, executed in accordance with contractual obligations but outside the original financial scope.

M/s Abir, vide letter dated 13.08.2025, submitted a claim for the incurred cost of conducting the MPE testing, amounting to **Rs. 14,65,711.00** (excluding GST).

Upon detailed scrutiny of the submitted claim and associated documents, the corrected financial implication has been assessed at **Rs. 11,82,818.00** (excluding GST), as detailed in **Appendix-6** (Rate Analysis).

Extra Item No. 7 Erection of Penstock Drain Pipe for Both Units

In the Progress Review Meeting held on 05.10.2024 **(copy attached)**, following was recorded at Sl.No VII(iii) as under:-

"It was apprised to ED(O&M) that M/s Abir shall complete the Penstock Drainage Pipeline work immediately"

The techno-commercial proposal submitted by the contractor was forwarded to D&E vide email dtd. 18.03.2025 for their review and comments. Vide email dtd. 19.03.2025 **(copy attached)**, the proposal was agreed by the D&E.

It is also important to highlight that the above work was carried out as per the requirement of the E/M Wing and did not fall within the scope of works of the contract awarded to M/s Abir.

M/s Abir executed the work of erection of Penstock drain pipe (Penstock-B) of Unit-I w.e.f 11.05.2025 to 16.05.2025 and similarly for Penstock drain pipe (Penstock-A) of Unit-II from 05.07.2025 to 12.08.2025.

Now, M/s Abir vide letter dtd. 13.08.2025 have submitted their total financial involvement **of Rs. 9,36,625.00** (excluding GST) pertaining to cost incurred for aforementioned works. The same has been scrutinised and the corrected financial involvement comes out to be **Rs. 8,50,610.00** (excluding GST) (refer **Appendix-7** for detailed rate analysis)

The financial involvement for the above-mentioned extra works is summarized as under: -

Description of Extra Work	Financial Implication
Extra Item No. 1: Removal of S.S Cladding of Bends	₹ 8,30,528.00
Extra Item No. 2: Phased Array Ultrasonic Testing of Additional Bends	₹ 24,71,526.00
Extra Item No. 3: Erection of 3 No. of Bunds and Dewatering Arrangement in HPT	₹ 33,67,513.00
Extra Item No. 4: Cooling Water Inlet Pipe Tapping from Penstock for Both Units	₹ 8,11,101.00
Extra Item No. 5: Re-rolling of ferrules (F-103 to MU-14) in U/G Inclined & Horizontal Penstock Section	₹ 38,61,732.00
Extra Item No. 6: Conduction of Magnetic Particle Examination of all field CS joints of Surface Penstock	₹ 11,82,818.00
Extra Item No. 7: Erection of Penstock Drain Pipe for Both Units	₹ 8,50,552.00
Total (excl. of GST)	**₹ 1,33,75,770.00**

Pertaining to the above contract, a final deviation statement has been prepared and attached as **Final_Deviation_Statement.** The remarks/reasons for quantity deviation (positive & negative) of BoQ Items as well as execution of extra works has been mentioned against the respective item in the attached statement.

As per the execution details, the total value of work executed is less than the original contract value. Since the contract was awarded by **Corporate C&P**, Clause 14 of the Delegation of Powers (DoP), March 2024, is applicable.

Clause 14 stipulate that **"Until such time the value of works executed remains within the limit of the approved contract sum, then variation shall be computed as a percentage of the aggregate value of BOQ items executed in excess of BOQ quantities and extra / substituted items executed w.r.t the original contract sum"**. Accordingly, the variation statement is tabulated below:

Sl. No	Description	Total Amount (with GST)
1	Original Contract Sum	₹ 46,18,27,279.00
2	Total value of BoQ items executed	₹ 44,09,63,521.00
3	Total Value of BOQ Items executed in excess of BOQ Quantity	₹ 1,91,38,385.00
4	Total value of extra items executed	₹ 1,57,83,408.00
5	Total value of BoQ items executed in excess of BoQ quantities and Extra items executed (3+4)	₹ 3,49,21,793.00
6	Variation in Percentage w.r.t original contract sum (5/1*100)	**7.56 %**

Thus, from the table above it can be inferred that there is variation (final) of **7.56 %** with respect to the original contract sum, as per the norms of DoP.

In view of the above, following approval of the competent authority is solicited as under: -

1. Technical Approval against final variation during post award execution of works, in terms of clause no. 14.1, under Section – I of DOP. As per Clause 14.1, Section-I of DoP, **GM(T)** has power to approve the variation up to 15% of contract value or ₹ 15 crore whichever is lower.

2. Approval for issue of change order post technical approval, in terms of clause no. 14.2, under Section – I of DOP. As per Clause 14.2, Section-I of DoP, **CGM(T)** is empowered to accord approval for issue of change order based on technical approval, for Variation up to 10% of Contract value limited to ₹ 40 Cr.

Further, the DoP stipulates that the aforementioned powers shall be exercised in consultation with the Design & Engineering Department (D&E). In this regard, it is clarified that technical clearance for Extra Items No. 1, 2, 4, 5, and 7 has already been obtained from the D&E Department (either via email or as recorded in the Minutes of Meeting/RND). Accordingly, technical clearance from D&E Dept. may now only be required for Extra Items No. 3 and 6.

Submitted for kind perusal and needful pl.

ID: 001
Noted By: Shashank Singh
Noted On: 30/09/2025 Time : 15:43:30

Forwarded To : Parag Saikia

Preceding notes may please be seen.

7 (Seven) nos of Extra items were needed to be carried out as per site conditions as detailed out at workflow #001.

The Extra items are:

Sl. No.	Particulars of Items	Reason for the work	Technical Clearance of D&E	Financial Implication in Rs without GST
1.	Extra Item No. 1: Removal of existing S.S Cladding from the lower half of the bends (AB-1A, AB-1B, AB-2A & AB-2B) of the Penstock to facilitate for PAUT for weld build up & fixing of cladded steel as per requirement of Technical Specifications	Site requirement (Detail at workflow #001)	Vide Email dated 13.02.2024 (attached as *"D&E_email_dtd_13.02.2024")*	8,30,528.00

2.	Extra Item No. 2: Phased Array Ultrasonic Testing of Additional Bends (AB-3A & Ab-3B) for weld deposit in corroded area and cladding with 5mm thick stainless-steel plates	Site requirement (Detail at workflow #001)	Vide MoM dated 19.03.2024 (attached as *"MoM_dtd_19.03.2024")*	24,71,526.00
3.	Extra Item No. 3: Erection of 3 No. of Bunds and Dewatering Arrangement in HPT to facilitate erection, welding & testing activities.	Site requirement (Detail at workflow #001)	Technical Clearance of D&E is required.	33,67,513.00
4.	Extra Item No. 4: Erection of Cooling Water Inlet Pipe Tapping from Penstock for Both Units including welding with Penstock and MPI testing of the weld deposit.	As per the requirement of the E/M wing.	Vide MoM dated 08.08.2024 (attached as *"MoM_dtd_08.08.2024"*)	8,11,101.00
5.	Extra Item No. 5: Re-rolling of ferrules (F-103 to MU-14) in U/G Inclined & Horizontal Penstock Section due to reduction in steel in-liner dia. from 2.5 m to 2.45 m	Site requirement (Detail at workflow #001)	Vide email dtd. 12.09.2024 (attached as *"D&E_email_dtd_12.09.2024") & "FLM File No. Note Sheet/CW/HSM - I/T-133/285/KHEP/23/10/2024/2024"*.	38,61,732.00
6.	Extra Item No. 6: Conduction of Magnetic Particle Examination of all field CS joints of Surface Penstock as per requirement of Technical Specifications.	In compliance to Clause 13.1(iii) Part-5 Technical Specifications of the Contract Agreement.	Technical Clearance of D&E is required.	11,82,818.00
7.	Extra Item No. 7: Erection of Penstock Drain Pipe for Both Units including welding with Penstock and MPI testing of weld deposit.	As per the requirement of the E/M wing.	Vide Email dated 19.03.2025 (attached as *"D&E_email_dtd_19.03.2025"*	8,50,552.00
	Total Value (Exclusive of GST)			**1,33,75,770/-**

The basis of analysis of the rates are as below & is agreed.

1. Equipment & Material Cost: Based on Invoices
2. Manpower: Quantity based on Jointly signed registers of deptt. Officials & Contractor's representatives
3. Electricity Cost: Rate mentioned in the agreement & Consumption wattage based on utilized equipment.

The Variation for the instant proposal in Percentage w.r.t original contract sum (as detailed at Workflow #001) is 7.56%.

The proposal needs Technical approval as well as Approval for issue of change order.

For Technical Approval: In terms of Cl-14.1, Sec-I of DOP, GM(Tech) & above, is empowered for technical approval for the instant proposal after obtaining technical clearance from D&E for the Extra items (3) & (6).

For approval for issue of change order based on Technical approval: In terms of clause no.14.2 Under Section -I, variation with 7.56 % for the instant proposal is within the delegated power of CGM(Tech) & above.

The Proposal is recommended for approval in terms of clause 14.1 & 14.2, Sec-I of DOP.
Submitted please.

GM(Tech), HSM

CGM(Tech) & HoP, KHPS

ID: 002
Noted By: Parag Saikia
Noted On: 07/10/2025 Time : 00:28:40

Forwarded To : Ashim jyoti Bordoloi

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pl examine and process.

ID: 003
Noted By: Ashim jyoti Bordoloi
Noted On: 13/10/2025 Time : 11:59:16

Forwarded To : Amrit kumar Borah

Please examine the proposal and put up for further process.

ID: 004
Noted By: Amrit kumar Borah
Noted On: 13/10/2025 Time : 12:05:26

Forwarded To : Gautam Kumar

नार्थ ईस्टर्न इलेक्ट्रिक पावर कारपोरेशन लिमिटेड
(भारत सरकार का उद्दाम)
NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
(A Govt. of India Enterprise)
(कोपिली जल-विद्युट संयंत्र) KOPILI HYDRO POWER STATION
(उमरांगसो)Umrongso-788931, (डिमा हासाओ)Dima Hasao, असम Assam.
ISO 9001:2015
ISO14001:2015
ISO45001:2018

T-110

L. No.: KHPS/HSM-II/ T-110/2025-26/ 198 Date: 27/09/2025

IOM

From,	To,
GM(Tech), HSM-II, KHPS	The In-Charge (F&A), KHPS

Sub: Submission of 2nd RA Bill Escalation for the work 'Civil Works Pertaining To Restoration and Renovation & Modernization of Khandong Power Station (2X23 MW), Umrangso, Assam." in respect of M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd.

Ref : W.O. No:- NEEPCO/QP/ED/C&P/F/C/KhPS-CW/579/2023-24/157 Dated 12-05-2023

Agreement No.- NEEPCO/QP/ED(C&P)/R/C/KhPS(Civil)/708/2023-24 Dated 21-06-2023

With reference to above, enclosed please find herewith following bill of this establishment along with the enclosures for your kind perusal and further needful action please.

Sl. No.	Description of bills	Amount (Incl. GST) (Rs.)
1	Bill No. KHPS/HSM-II/T-110 /2025-26/ Date /09/2025 BTS ID- 3700006950-B25-0000	₹ 19,87,187/-

List of enclosures:

1. Bill in duplicate
2. List of MB: Escalation RA MB No.10336

   Measured RA Abstract MB No. 10270,10279,10338,10346

O/C

27/9/2025

GM(Tech),
HSM-II, KHPS, Umrongso

AUDIT SLIP

1	Name of contractor	M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd.
2	Brief description of work	Civil Works Pertaining To Restoration and Renovation & Modernization of Khandong Power Station (2X23 MW), Umrangso, Assam
3	Work order no & date	NEEPCO/QP/ED/C&P/F/C/KhPS-CW/579/2023-24/157 Dated 12-05-2023
(a)	Approval for payment of price adjustment/variation on monthly basis	Clause no 73. of W.O
4	Tech. sanction no & date	As per agreement
5	Reference to the item of cost estimate	As per agreement
6	Agreement no. & date	NEEPCO/QP/ED(C&P)/R/C/KhPS(Civil)/708/2023-24 Dated 21-06-2023
7	Nature of work (whether temporary or permanent):	Permanent
8	Ownership of the work	NEEPCO Ltd
9	Bill No & date	**2nd RA (Escalation)**
10	Period of work covered by the bill	**May'23 to June'25**
11	Date of completion of work as per agreement:	
12	Actual date of completion	Work is in progress
13	Period for which extension applied	NA
14	Whether transit pass/ royalty clearance certificate subm	NA
15	Whether there is any escalation clause	Yes
16	Whether there is any outstanding liability against work	NA
17	Whether site has been cleared on completion	Does not arise
18	Percentage of test check by Deputy Manager/Manager (C)	
	a) Ordinary item (s): 100%	NA
	b) Special item(s):100%	NA
19	Whether store issue statement submitted	NA
20	Whether store utilization statement submitted	NA
21	Whether recovery statement submitted	NA
22	Whether any special reference:	Escalation RA MB No.10336 Measured RA Abstract MB No. 10270,10279,10338,10346
23	Whether bill has been technically checked	:Does not arise
24	The above particulars has been verified and found correct and conducted test check Manager (C) as follows:	
	a) Ordinary item (s): 50%	:
	b) Special item(s): 50%	:
25	The above particulars has been verified and found correct and conducted test check as follows:	
	a) Ordinary item (s): 5%	: **Yes**
	b) Special item(s): 25%	: **Yes**

19/9/25

GM (Tech) , HSM-II
KHPS, Umrangso

19/9/25

M(C), HSM

NEEPCO Schedule II Works Form No. 10

Date- 18/09/25

Divn Bill No. NEEPCO/KHPS/HSM-II/T-110/2025-26/

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

RUNNING ACCOUNT BILL FORM

For Contractors - This form provides for (1) Advance payments (2) Secured Advances and (3) Payments for measured works.

Cash Book voucher No. Dated

Name of Contractor - M/S Sri Vijetha Engineers & Infrastructure Pvt. Ltd.

Name of Work:-Civil Works Pertaining To Restoration and Renovation & Modernization of Khandong Power Station (2X23 MW), Umrangso, Assam

Serial No of Bill - 2nd RA (Escalation)

No. and date of the previous Bill of this work - 1st RA (Escalation)

Reference to Agreement - NEEPCO/QP/ED(C&P)/R/C/KhPS(Civil)/708/2023-24 Dated 21-06-2023

I - Account of work executed

						₹ P.	₹ P.	₹ P.
Period	**Bill No**	**Gross Value of Work Done Amount (Excluding extra items)**	**Labour Component**	**Material Component**	**HSD Component**	**Up to date Amount**	**Amount already paid as per 1st RA Provisional Index**	**Amount since previous bill**
May'23 to Sep'23	1st RA	₹ 1,19,01,474.49	₹ 84,242.36	₹ 9,476.95	₹ 26,122.29	₹ 1,19,841.61	₹ 1,76,976.07	-₹ 57,134.46
Oct'23 to Dec'23	2nd & 3rd RA	₹ 2,80,81,134.35	₹ 2,52,476.46	₹ 1,64,909.12	₹ 73,463.56	₹ 4,90,849.14	₹ 4,90,849.14	₹ 0.00
Dec'23 to Feb'24	4th & 5th RA	₹ 4,23,01,889.37	₹ 3,93,076.29	₹ 98,245.93	₹ 1,10,666.73	₹ 6,01,988.95	₹ 6,01,988.95	₹ 0.00
Feb'24 to May'24	6th & 7th RA	₹ 3,99,29,663.00	₹ 3,93,884.48	₹ 2,05,344.98	₹ 46,033.53	₹ 6,45,262.99	₹ 6,37,738.28	₹ 7,524.71
May'24 to Sep'24	8th & 9th RA	₹ 4,22,18,331.25	₹ 5,83,681.15	₹ 5,15,472.66	₹ 54,288.07	₹ 11,53,441.87	₹ 11,58,133.88	-₹ 4,692.01
Sep'24 to Nov'24	10th & 11th RA	₹ 1,18,31,865.61	₹ 2,01,355.54	₹ 2,05,310.74	₹ 25,576.03	₹ 4,32,242.32	₹ 0.00	₹ 4,32,242.32
Dec'24 to Mar'25	12th & 13th RA	₹ 2,65,73,727.64	₹ 4,15,414.60	₹ 3,87,937.63	₹ 62,744.75	₹ 8,66,096.98	₹ 0.00	₹ 8,66,096.98
April'25 to Jun'25	14th & 15th RA	₹ 2,46,87,873.40	₹ 4,22,742.65	₹ 2,62,114.12	₹ 58,291.95	₹ 7,43,148.72	₹ 0.00	₹ 7,43,148.72
					Total Value to be adjusted/variation upto date=	**₹ 50,52,872.58**		**₹ 19,87,186.26**
					Less Already Paid in 1st RA=	₹ 30,65,686.00		
					Net Amount Payable for this bill=	₹ 19,87,186.58		

Rounded Off = ₹ 19,87,187.00

(Rupees Nineteen Lakh Eighty Seven Thousand One Hundred and Eighty Seven) only

18/9/25

M(C), HSM-II

GM (Tech), HSM
परांग सैकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

20/9/25

Dated signature of the Contractor

18/09/2025

Sri Vijetha Engineers & Infrastructure Pvt. Ltd.

II - Account of "Secured" advance allowed of the security of materials brought to site.

Quantity outstanding from previous bill	Deduct (Quantity utilised in work measured since previous bill)	Quantity outstanding (including quantity brought to site since	Full rate assesed by the Divisional Officer	Description of materials	Unit	Reduced rate at which advance is made	** Upto date amount of advance	Reference to Divisional Officer's Written orders authorising the advance	Reason for non clearance of Advance when outstanding more than three months
1	2	3	4	5	6	7	8	9	10

Toal amount outstanding as per this account — —

Deduct - Amount outstanding as per entry (c) of previous bill — — (c)

Net amount since previous bill (in words) **(Rupees Nineteen Lakh Eighty Seven Thousand One Hundred and Eighty Seven) only** ₹ 19,87,187.00 (E)

Entries relating to each description of materials should be posted thus in column 3. First enter the difference between the quantities in column 1 and 2. Then show below this entry, the quantities. If any, brought to site against which a further advance

III - Certificate and signature

1. The measurement on which are based the entries in column 4 to 9 of Account I were made by me and recorded at page 36-52 of Measurement Book No **10336**

2. Certified that in addition to and quite apart from the quantities of work actually executed as shown in column 7 of Account I has actually been done done in connection with several items, and the value of such work (after deduction therefrom the propor

3. Certified (1) that the plus quantities of materials shown in column 3 of Account II above actually been brought by the contractor to the site of the work and the contractor has not previously received any advance and their security, (2) that those mate

सिद्धार्थ चौधरी/Siddhartha Chowdhary
इंजीनियर (सी)/Manager (C)
एचएसएम-II/HSM-II
केएचपीएस, नीपको, उमरॉंगसो (असम)
KHPS, NEEPCO, Umrongso (Assam)

Dated signature of the officer preparing the bill 18/09/15

Manager(C), HSM-II

Dated signature of the Contractor 18/09/2015

Engineers & Infrastructure Pvt. Ltd.

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech)
एचएसएम / HSM
केएचपीएस, नीपको, उमरॉंगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

dated signature of the officer authorising payment Rank _____

** These certificates must be signed by the officer of or above the rank of Sub-divisional Officer.

* This signature is necessary only when the officer who prepares the bill is not the officer who authorises the payment. In such case two signature is essential.

18AALCS0886Q3ZB
SRI VIJETHA ENGINEERS & INFRASTRUCTURE

1.e-Invoice Details

IRN : 3bece4d104152e313cade44803ba9dfdca8c01 **Ack No. :** 182520238850079 **Ack Date :** 18-09-2025 11:32:00
76291c399b461ac3aa4f89361f

2.Transaction Details

Supply type Code : B2B **Document No. :** ASSAM/25-26/4 **IGST applicable despite Supplier and Recipient located in same State :** No

Place of Supply : ASSAM

Document Type : Tax Invoice **Document Date :** 18-09-2025

3.Party Details

Supplier :
GSTIN : 18AALCS0886Q3ZB
SRI VIJETHA ENGINEERS & INFRASTRUCTURE
D-16/A,KHPS,UMRANGSO
UMRANGSO 788931 ASSAM

Recipient :
GSTIN : 18AAACN9991J2ZQ
NORTH EASTERN ELECTRIC POWER CORPORATION LTD
KHPE NEEPCO LTD UMRANGSO
UMRANGSO DIMA HASAO Place of Supply: ASSAM
788931 ASSAM

4.Details of Goods / Services

SlNo	Item Description	HSN Code	Quantity	Unit	Unit Price(Rs)	Discount(Rs)	Taxable Amount(Rs)	Tax Rate(GST + Cess | State Cess + Cess Non.Advol	Other charges	Total
1	Civil Works Pertaining to Restoration and Renovation &Modernisation of Khandong power Station	995422	1	OTH	1684056.44	0	1684056.44	18.00 + 0.00 | 0.00 + 0	0	1987186.60

Tax'ble Amt	CGST Amt	SGST Amt	IGST Amt	CESS Amt	State CESS	Discount	Other Charges	Round off Amt	Tot Inv. Amt
1684056.44	151565.08	151565.08	0.00	0.00	0.00	0.00	0.00	0.00	1987186.60

Generated By : 18AALCS0886Q3ZB
Print Date : 18-09-2025 11:32:11

182520238850079

eSign
Digitally Signed by NIC-IRP
on :2025-09-18 11:32:00

Sri Vijetha Engineers & Infrastructure Pvt. Ltd.

Bill verified for ₹ 1987187.00 & found correct

16/9/25

सिद्धार्थ चौधरी/Siddhartha Chowdhary
उप-प्रबंधक (सी)/Dy. Manager (C)
एचएसएम- II/HSM-II
केएचपीएस, नीपको, उमरॉंगसो (असम)
KHPS, NEEPCO, Umrongso (Assam)

20/9/25

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमरांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

Calculation of Indices

Name of work	Civil Works Pertaining To Restoration and Renovation & Modernization of Khandong Power Station (2X23 MW), Umrangso, Assam
Name of contractor	M/S Sri Vijetha Engineers & Infrastructure Pvt. Ltd.
Work Order No	NEEPCO/QP/ED/C&P/F/C/KhPS-CW/579/2023-24/157 Dated 12-05-2023
Bill No	2nd Escalation Bill
Bill period	16.09.2024 to 30.06.2025

Yearly Quarter	Month	Labour (AICPI)			Material (other than Cement and steel) (WPI-All comm-av)			Retail Selling Price of HSD		
		Base(Jan'23) 132.8			Base(Jan'23) 150.7			Base(Jan'23) 90.21		
		Index	Linking factor	Average	Index	Linking factor	Average	Index	Linking factor	Average
1st Quarter 2023-2024	Apr-23	-	-	-	-	-	-	-	-	-
	May-23	134.70	Nil	137.50	149.40	Nil	150.94	91.34	Nil	92.16
	Jun-23	136.40	Nil		148.90	Nil		91.86	Nil	
2nd Quarter 2023-2024	Jul-23	139.70	Nil		152.10	Nil		92.48	Nil	
	Aug-23	139.20	Nil		152.50	Nil		92.57	Nil	
	Sep-23	137.50	Nil		151.80	Nil		92.57	Nil	
3rd Quarter 2023-2024	Oct-23	138.40	Nil	138.77	152.50	Nil	152.47	92.57	Nil	92.57
	Nov-23	139.10	Nil		153.10	Nil		92.57	Nil	
	Dec-23	138.80	Nil		151.80	Nil		92.57	Nil	
4th Quarter 2023-2024	Jan-24	138.90	Nil	138.97	151.20	Nil	151.40	92.57	Nil	92.57
	Feb-24	139.20	Nil		151.20	Nil		92.57	Nil	
1st Quarter 2024-2025	Mar-24	138.90	Nil	139.35	151.40	Nil	152.25	91.43	Nil	91.25
	Apr-24	139.40	Nil		152.90	Nil		90.50	Nil	
	May-24	139.90	Nil		153.50	Nil		90.50	Nil	
2nd Quarter 2024-2025	Jun-24	141.40	Nil	141.98	154.00	Nil	154.38	91.48	Nil	91.37
	Jul-24	142.70	Nil		155.3	Nil		91.63	Nil	
	Aug-24	142.60	Nil		154.4	Nil		91.63	Nil	
3rd Quarter 2024-2025	Sep-24	143.30	Nil	144.10	154.70	Nil	155.93	91.63	Nil	92.16
	Oct-24	144.50	Nil		156.70	Nil		92.59	Nil	
	Nov-24	144.50	Nil		156.40	Nil		92.27	Nil	
4th Quarter 2024-2025	Dec-24	143.70	Nil	143.18	155.70	Nil	155.10	92.34	Nil	92.34
	Jan-25	143.20	Nil		155.00	Nil		92.34	Nil	
	Feb-25	142.80	Nil		154.90	Nil		92.34	Nil	
	Mar-25	143.00	Nil		154.80	Nil		92.34	Nil	
1st Quarter 2025-2026	Apr-25	143.50	Nil	144.17	154.20	Nil	153.90	92.34	Nil	92.34
	May-25	144.00	Nil		153.70	Nil		92.34	Nil	
	Jun-25	145.00	Nil		153.80	Nil		92.34	Nil	

Dated signature of the Contractor

18/09/2025

Sri Vijetha Engineers & Infrastructure Pvt. Ltd.

18/9/25

Manager (C), HSM-II, KHEP

सिद्धार्थ चौधरी/Siddhartha Chowdhary
उप-प्रबंधक (सी)/Dy. Manager (C)
एचएसएम- II/HSM-II
केएचपीएस, नीपको, उमरॉंगसो (असम)
KHPS, NEEPCO, Umrongso (Assam)

20/9/25

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

"REVISED" CALCULATION SHEET FOR PERIOD 01.05.23 TO 30.09.23

Work Period- 01.05.2023 to 30.09.2023

Work done value for the above period (including All taxes/GST) =		R	₹ 1,19,01,474.49
1 Labour component			
	Base index value (Jan'2023) =	L_0	132.8
	Linking factor =		Nil
	CPI-IW Factor For Period under consideration is	L_1	137.500
	Co-efficient of labour (for all category) =	I*	0.20
	Value of work done =	R	₹ 1,19,01,474.49
	Total on Labour component= $RxI*x\{(L_1-L_0)/L_0\}$=		₹ 84,242.36
2 Materials (other than cement and steel) component			
	Base index value (Jan'2023) =	M_0	150.70
	WPI Factor For Period under consideration is	M_1	150.940
	Co-efficient of materials (other than cement and steel) content =	m*	0.50
	Value of work done =	R	₹ 1,19,01,474.49
	Total on material component= $Rxmx\{(M_1-M_0)/M_0\}$		₹ 9,476.95
3 HSD component			
	Base index value (Jan'2023) =	D_0	90.21
	HSD For Period under consideration is	D_1	92.19
	Co-efficient of HSD content =	d	0.10
	Value of work done =	R	₹ 1,19,01,474.49
	Total on HSD component= $Rxdx\{(D_1-D_0)/D_0\}$		₹ 26,122.29
Amount to be adjusted in contractor's payment (1st R/A Price adustment / Variation Bill =		**V**	**₹ 1,19,841.61**

18/09/2025

14/9/25

सिद्धार्थ चौधरी
प्रबंधक (सी)
के.एच.पी.एस, उमरांगसो
नीपको लिमिटेड।

Siddhartha Chowdhary
Manager (C)
KHPS, Umrangso
NEEPCO Ltd.

20/9/25

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमरांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

"REVISED" CALCULATION SHEET FOR PERIOD 01.10.23 TO 10.12.23

Work Period- 01.10.2023 to 10.12.2023

Work done value for the above period (including All taxes/GST) =		R	₹ 2,80,81,134.35
1 Labour component			
Base index value (Jan'2023) =		L_0	132.8
Linking factor =			Nil
CPI-IW Factor For Period under consideration is		L_1	138.770
Co-efficient of labour (for all category) =		I*	0.20
Value of work done =		R	₹ 2,80,81,134.35
Total on Labour component= $RxI^*x\{(L_1-L_0)/L_0\}$=			₹ 2,52,476.46
2 Materials (other than cement and steel) component			
Base index value (Jan'2023) =		M_0	150.70
WPI Factor For Period under consideration is		M_1	152.470
Co-efficient of materials (other than cement and steel) content =		m*	0.50
Value of work done =		R	₹ 2,80,81,134.35
Total on material component= $Rxmx\{(M_1-M_0)/M_0\}$			₹ 1,64,909.12
3 HSD component			
Base index value (Jan'2023) =		D_0	90.21
HSD For Period under consideration is		D_1	92.57
Co-efficient of HSD content =		d	0.10
Value of work done =		R	₹ 2,80,81,134.35
Total on HSD component= $Rxdx\{(D_1-D_0)/D_0\}$			₹ 73,463.56
Amount to be adjusted in contractor's payment (2nd & 3rd R/A Price adustment / Variation Bill =		**V**	**₹ 4,90,849.14**

18/09/2025

For Shiva Engineers & Infrastructure Pvt Ltd

10/9/25

सिद्धार्थ चौधरी
प्रबंधक (सी)
के.एच.पी.एस, उमरांगसो
नीपको लिमिटेड।

Siddhartha Chowdhary
Manager (C)
KHPS, Umrangso
NEEPCO Ltd.

20/9/25

महाप्रबन्धक (टेक्नि/ Gen. Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमरांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

"REVISED" CALCULATION SHEET FOR PERIOD 11.12.23 TO 15.02.24

Work Period- 11.12.2023 to 15.02.2024

Work done value for the above period (including All taxes/GST) =		R	₹ 4,23,01,889.37
1 Labour component			
	Base index value (Jan'2023) =	L_0	132.8
	Linking factor =		Nil
	CPI-IW Factor For Period under consideration is	L_1	138.970
	Co-efficient of labour (for all category) =	I*	0.20
	Value of work done =	R	₹ 4,23,01,889.37
	Total on Labour component= $RxI^*x\{(L_1-L_0)/L_0\}$=		₹ 3,93,076.29
2 Materials (other than cement and steel) component			
	Base index value (Jan'2023) =	M_0	150.70
	WPI Factor For Period under consideration is	M_1	151.400
	Co-efficient of materials (other than cement and steel) content =	m*	0.50
	Value of work done =	R	₹ 4,23,01,889.37
	Total on material component= $Rxmx\{(M_1-M_0)/M_0\}$		₹ 98,245.93
3 HSD component			
	Base index value (Jan'2023) =	D_0	90.21
	HSD For Period under consideration is	D_1	92.57
	Co-efficient of HSD content =	d	0.10
	Value of work done =	R	₹ 4,23,01,889.37
	Total on HSD component= $Rxdx\{(D_1-D_0)/D_0\}$		₹ 1,10,666.73
	Amount to be adjusted in contractor's payment (4th & 5th R/A Price adustment / Variation Bill =	**V**	**₹ 6,01,988.95**

18/09/2025

Sri Vidha Engineers & Infrastructure Pvt. Ltd.

10/9/25

सिद्धार्थ चौधरी
प्रबंधक (सी)
के.एच.पी.एस, उमरांगसो
नीपको लिमिटेड।

Siddhartha Chowdhary
Manager (C)
KHPS, Umrangso
NEEPCO Ltd.

10/9/25

पराग साइकिया / **Parag Saikia**
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस, नीपको, लि., उमरांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

"REVISED" CALCULATION SHEET FOR PERIOD 16.02.24 TO 25.05.24

Work Period--16.02.2024 to 25.05.2024

Work done value for the above period (including All taxes/GST) =		R	₹ 3,99,29,663.00
1 Labour component			
Base index value (Jan'2023) =		L_0	132.8
Linking factor =			Nil
CPI-IW Factor For Period under consideration is		L_1	139.350
Co-efficient of labour (for all category) =		I*	0.20
Value of work done =		R	₹ 3,99,29,663.00
Total on Labour component= $RxI^*x\{(L_1-L_0)/L_0\}$=			₹ 3,93,884.48
2 Materials (other than cement and steel) component			
Base index value (Jan'2023) =		M_0	150.70
WPI Factor For Period under consideration is		M_1	152.250
Co-efficient of materials (other than cement and steel) content =		m*	0.50
Value of work done =		R	₹ 3,99,29,663.00
Total on material component= $Rxmx\{(M_1-M_0)/M_0\}$			₹ 2,05,344.98
3 HSD component			
Base index value (Jan'2023) =		D_0	90.21
HSD For Period under consideration is		D_1	91.25
Co-efficient of HSD content =		d	0.10
Value of work done =		R	₹ 3,99,29,663.00
Total on HSD component= $Rxdx\{(D_1-D_0)/D_0\}$			₹ 46,033.53
Amount to be adjusted in contractor's payment (6th & 7th R/A Price adustment / Variation Bill =		**V**	**₹ 6,45,262.99**

18/09/2025

Sri Vitech Engineers & Infrastructure Pvt. Ltd.

18/9/25

सिद्धार्थ चौधरी
प्रबंधक (सी)
के.एच.पी.एस, उमरांगसो
नीपको लिमिटेड।

Siddhartha Chowdhary
Manager (C)
KHPS, Umrangso
NEEPCO Ltd.

20/9/25

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमरांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

"REVISED" CALCULATION SHEET FOR PERIOD 26.05.24 TO 15.09.24

Work Period- 26.05.2024 to 15.09.2024

Work done value for the above period (including All taxes/GST) =		R	₹ 4,22,18,331.25
1 Labour component			
Base index value (Jan'2023) =		L_0	132.8
Linking factor =			Nil
CPI-IW Factor For Period under consideration is		L_1	141.980
Co-efficient of labour (for all category) =		I*	0.20
Value of work done =		R	₹ 4,22,18,331.25
Total on Labour component= Rxl*x$((L_1-L_0)/L_0)$=			₹ 5,83,681.15
2 Materials (other than cement and steel) component			
Base index value (Jan'2023) =		M_0	150.70
WPI Factor For Period under consideration is		M_1	154.380
Co-efficient of materials (other than cement and steel) content =		m*	0.50
Value of work done =		R	₹ 4,22,18,331.25
Total on material component= Rxmx$\{(M_1-M_0)/M_0\}$			₹ 5,15,472.66
3 HSD component			
Base index value (Jan'2023) =		D_0	90.21
HSD For Period under consideration is		D_1	91.37
Co-efficient of HSD content =		d	0.10
Value of work done =		R	₹ 4,22,18,331.25
Total on HSD component= Rxdx$\{(D_1-D_0)/D_0\}$			₹ 54,288.07
Amount to be adjusted in contractor's payment (8th & 9th R/A Price adustment / Variation Bill =		**V**	**₹ 11,53,441.87**

18/09/2025

Sri Vijaya Engineers & Infrastructure Pvt. Ltd.

18/9/25

सिद्धार्थ चौधरी
प्रबंधक (सी)
के.एच.पी.एस, उमरांगसो
नीपको लिमिटेड।

Siddhartha Chowdhary
Manager (C)
KHPS, Umrangso
NEEPCO Ltd.

20/9/25

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमरांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

CALCULATION SHEET

Work Period-16.09.2024 to 30.11.2024

Work done value for the above period (including All taxes/GST) =		R	₹ 1,18,31,865.61
1 Labour component			
Base index value (Jan'2023) =		L_0	132.8
Linking factor =			Nil
CPI-IW Factor For Period under consideration is		L_1	144.100
Co-efficient of labour (for all category) =		I*	0.20
Value of work done =		R	₹ 1,18,31,865.61
Total on Labour component= $RxI*x\{(L_1-L_0)/L_0\}$=			₹ 2,01,355.54
2 Materials (other than cement and steel) component			
Base index value (Jan'2023) =		M_0	150.70
WPI Factor For Period under consideration is		M_1	155.930
Co-efficient of materials (other than cement and steel) content =		m*	0.50
Value of work done =		R	₹ 1,18,31,865.61
Total on material component= $Rxmx\{(M_1-M_0)/M_0\}$			₹ 2,05,310.74
3 HSD component			
Base index value (Jan'2023) =		D_0	90.21
HSD For Period under consideration is		D_1	92.16
Co-efficient of HSD content =		d	0.10
Value of work done =		R	₹ 1,18,31,865.61
Total on HSD component= $Rxdx\{(D_1-D_0)/D_0\}$			₹ 25,576.03
Amount to be adjusted in contractor's payment (10th & 11th R/A Price adustment / Variation Bill =		V	**₹ 4,32,242.32**

18/09/2025

Engineers & Infrastructure Pvt. Ltd.

16/9/25

16/9/25

सिद्धार्थ चौधरी
प्रबंधक (सी)
के.एच.पी.एस, उमरांगसो
नीपको लिमिटेड।

Siddhartha Chowdhary
Manager (C)
KHPS, Umrangso
NEEPCO Ltd.

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

CALCULATION SHEET

Work Period- 01.12.2025 to 31.03.2025

Work done value for the above period (including All taxes/GST) =		R	₹ 2,65,73,727.64
1 Labour component			
Base index value (Jan'2023) =		L_0	132.8
Linking factor =			Nil
CPI-IW Factor For Period under consideration is		L_1	143.180
Co-efficient of labour (for all category) =		I*	0.20
Value of work done =		R	₹ 2,65,73,727.64
Total on Labour component= RxI*x{(L_1-L_0)/L_0}=			₹ 4,15,414.60
2 Materials (other than cement and steel) component			
Base index value (Jan'2023) =		M_0	150.70
WPI Factor For Period under consideration is		M_1	155.100
Co-efficient of materials (other than cement and steel) content =		m*	0.50
Value of work done =		R	₹ 2,65,73,727.64
Total on material component= Rxmx{(M_1-M_0)/M_0}			₹ 3,87,937.63
3 HSD component			
Base index value (Jan'2023) =		D_0	90.21
HSD For Period under consideration is		D_1	92.34
Co-efficient of HSD content =		d	0.10
Value of work done =		R	₹ 2,65,73,727.64
Total on HSD component= Rxdx{(D_1-D_0)/D_0}			₹ 62,744.75
Amount to be adjusted in contractor's payment (12th & 13th R/A Price adustment / Variation Bill =		V	**₹ 8,66,096.98**

18/09/2025

Sri Vinayaka Engineers & Infrastructure Pvt. Ltd.

12/9/25

सिद्धार्थ चौधरी
प्रबंधक (सी)
के.एच.पी.एस, उमरांगसो
नीपको लिमिटेड।

Siddhartha Chowdhary
Manager (C)
KHPS, Umrangso
NEEPCO Ltd.

12/9/25

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमरांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

CALCULATION SHEET

Work Period- 01.04.2025 to 30.06.2025

Work done value for the above period (including All taxes/GST) =		R	₹ 2,46,87,873.40
1 Labour component			
Base index value (Jan'2023) =		L_0	132.8
Linking factor =			Nil
CPI-IW Factor For Period under consideration is		L_1	144.170
Co-efficient of labour (for all category) =		I*	0.20
Value of work done =		R	₹ 2,46,87,873.40
Total on Labour component= RxI*x{(L_1-L_0)/L_0}=			₹ 4,22,742.65
2 Materials (other than cement and steel) component			
Base index value (Jan'2023) =		M_0	150.70
WPI Factor For Period under consideration is		M_1	153.900
Co-efficient of materials (other than cement and steel) content =		m*	0.50
Value of work done =		R	₹ 2,46,87,873.40
Total on material component= Rxmx{(M_1-M_0)/M_0}			₹ 2,62,114.12
3 HSD component			
Base index value (Jan'2023) =		D_0	90.21
HSD For Period under consideration is		D_1	92.34
Co-efficient of HSD content =		d	0.10
Value of work done =		R	₹ 2,46,87,873.40
Total on HSD component= Rxdx{(D_1-D_0)/D_0}			₹ 58,291.95
Amount to be adjusted in contractor's payment (14th & 15th R/A Price adustment / Variation Bill =		V	**₹ 7,43,148.72**

18/09/2025

Sri Vitha Engineers & Infrastructure Pvt. Ltd.

19/9/25

सिद्धार्थ चौधरी
प्रबंधक (सी)
के.एच.पी.एस, उमरांगसो
नीपको लिमिटेड।

Siddhartha Chowdhary
Manager (C)
KHPS, Umrangso
NEEPCO Ltd.

20/9/25

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमरांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

Diesel Rate

From	To	Days	Rate
05-06-24	29-10-24	147.00	91.63
30-10-24	02-11-24	4.00	91.35
03-11-24	30-11-24	28.00	92.34
01-12-24	31-12-24	31.00	92.34
01-01-25	31-01-25	31.00	92.34
01-02-25	28-02-25	28.00	92.34
01-03-25	31-03-25	31.00	92.34
01-04-25	30-04-25	30.00	92.34
01-05-25	31-05-25	31.00	92.34
01-06-25	30-06-25	30.00	92.34
01-07-25	31-07-25	31.00	92.34

All India Labour Index and Whole sale price Index

Months	Labour	All Comodities
Sep-24	143.30	154.60
Oct-24	144.50	156.70
Nov-24	144.50	156.40
Dec-24	143.70	155.70
Jan-25	143.20	155.00
Feb-25	142.80	154.90
Mar-25	143.00	154.80
Apr-25	143.50	154.20
May-25	144.00	153.70
Jun-25	145.00	153.80
Jul-25	146.50	154.40

Sri Vijeya Engineers & Infrastructure Pvt. Ltd.

Centre Index | Official website of Labour Bureau, Ministry of Labour and Employment,Government of India

S.No	Base Year	State	Year	Month	Index
1	2016	All India	2025	Jan	143.2
2	2016	All India	2025	Feb	142.8
3	2016	All India	2025	Mar	143.0
4	2016	All India	2025	Apr	143.5
5	2016	All India	2025	May	144.0
6	2016	All India	2025	Jun	145.0
7	2016	All India	2025	Jul	146.5
8	2016	All India	2024	Sep	143.3
9	2016	All India	2024	Oct	144.5
10	2016	All India	2024	Nov	144.5
11	2016	All India	2024	Dec	143.7

सत्यमेव जयते

आर्थिक सलाहकार का कार्यालय
OFFICE OF THE ECONOMIC ADVISER
DEPARTMENT FOR PROMOTION OF INDUSTRY AND INTERNAL TRADE

Wholesale Price Index (WPI)

Monthly Wholesale Price Index
Name of Commodity : All commodities
Type : Group Item
Weight : 100
Base Year : 2011-12 = 100

Month/Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2025	155	154.9	154.8	154.2	153.7	153.8	154.4					

1. Figure 0 may be treated as index for particular item not-available.
2. Figures for the latest two months are provisional. Latest two months are to be reckoned with reference to the latest monthly press release issued.
3. (NR : Not Released) : Please refer official Press Release for more information.

सत्यमेव जयते

आर्थिक सलाहकार का कार्यालय
OFFICE OF THE ECONOMIC ADVISER
DEPARTMENT FOR PROMOTION OF INDUSTRY AND INTERNAL TRADE

Wholesale Price Index (WPI)

Monthly Wholesale Price Index
Name of Commodity : All commodities
Type : Group Item
Weight : 100
Base Year : 2011-12 = 100

Month/Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2024	151.2	151.2	151.4	152.9	153.5	154	155.3	154.4	154.7	156.7	156.4	155.7

1, Figure 0 may be treated as index for particular item not-available.
2, Figures for the latest two months are provisional. Latest two months are to be reckoned with reference to the latest monthly press release issued.
3, (NR : Not Released) : Please refer official Press Release for more information.

SUPER SERVICE STATION

Dealer: Indian Oil Corporation Ltd. (MD)
13 Kilo, P.O. : Umrangso, Dist.: Dima Hasao - 788931
E-mail: superservicestation38@gmail.com
GSTIN: 18ABXPH2886H2ZX

Date: 25-11-2024

To

Sri Vijetha Engineers & Infrastructure Pvt. Ltd.,

D-16/A KHEP Colony,

Umrangso, Dima Hasao District,

Assam-788931

Dear Sir,

Sub: HSD (Diesel) Prices from 01-04-2024 to 25-11-2024 at Umrangso.

With reference to the above, as requested by you we are providing the rates of HSD in Rupees per Litre at Umrangso, Dima Hasao District Assam.

S.No.	Material	Valid from	Valid to	Rate/Ltr (Rs.)
1	HSD	01-04-2024	04-06-2024	90.50
2	HSD	05-06-2024	29-10-2024	91.63
3	HSD	30-10-2024	30-10-2024	91.32
4	HSD	31-10-2024	25-11-2024	91.32

This is for information only.

Thanks & Regards.

For Super Service Station
Manager
Super Service Station
Umrangso, Dima Hasao

✆: 70863 99088

DHAC Fuel Station

3 Kilo Umrangso, Dima Hasao (Assam)

Dealer : Bharat Petroleum Corp. Ltd.

Ref. No. DHAC/3K/10/25-26/09

Date. 29/07/2025

To
Sri Vijetha Engineers & Infrastructure Pvt. Ltd.,
D-16/A KHEP Colony,
Umrangso, Dima Hasao District,
Assam-788931

Dear Sir,

Sub: HSD (Diesel) Prices from 01-10-2024 to 29-07-2025 at 3 Kilo Umrangso.

With reference to the above, as requested by you we are providing the rates of HSD in Rupees per Litre at 3 Kilo Umrangso, Dima Hasao District Assam.

S.No.	Material	Valid from	Valid to	Rate/Ltr (Rs.)
1	HSD	01-10-2024	29-10-2024	92.59
2	HSD	30-10-2024	02-11-2024	91.35
3	HSD	03-11-2024	30-11-2024	92.34
4	HSD	01-12-2024	31-12-2024	92.34
5	HSD	01-01-2025	31-01-2025	92.34
6	HSD	01-02-2025	28-02-2025	92.34
7	HSD	01-03-2025	31-03-2025	92.34
8	HSD	01-04-2025	30-04-2025	92.34
9	HSD	01-05-2025	31-05-2025	92.34
10	HSD	01-06-2025	30-06-2025	92.34
11	HSD	01-07-2025	29-06-2025	92.34

This is for information only.

Thanks & Regards.

M/S DHAC Fuel Station
Umrangso, Dima Hasao

29/07/2025

For DHAC Fuel Station

North Eastern Electric Power Corporation Limited

Miniratna : Category-I PSU, A fully Owned Subsidiary of NTPC Ltd.

SERVICE ENTRY SHEET

Service Entry Sheet No	: 1000062927	Service Entry Date	: Aug 30, 2025	
Entry Made by	: 5212 (BHUPEN BORKAKATI)			
Plant	: 1900-KHANDONG STAGE I - CAPEXKHANDONG STAGE I - CAPEX			
Vendor Name	: 500432-SRI VIJETHA ENGG. & INFRASTRU.ENGINEERING & INFRASTRUCTURE			
Vendor Address	: SUBBA RAO ROAD , FLAT NO. 302 RAGHAVA KRISHNA , VIJAYAWADA , KANURU , ANDHRA PRADESH			
PO/WO Number	: 3700006950			
PO/WO Item No. & Desc.:	140 - 2ND RA ESCALATION BILL			
PO/WO Subject	: Civil Works Pertaining to Restoration and Renovation &Modernisation of Khandong Power Station (2x23 MW) Umrongso			
PO Validity Start Date	: May 1, 2023	PO Validity End Date	: Nov 30, 2024	
Service Header Text	: ESCALLATION BILL 2	Doc.Text	:	
Project	: RM-192302 - CIVIL WORKS PERTAINING TO KH PS (2X23MW)			
WBS Element	: RM-192302 - WBS ELEMENT RM-192302			
Network	: 6000864 - CIVIL WORKS KH PS (2X23MW)			

S.No	Service No.	Description	Quantity	UOM	Unit Price (INR)	OH Charge %	Amount(INR)
1	10001436	Escalation (4014000)	1.000	LS	1,681,655.83		1,681,655.83
						Total :INR	1,681,655.83
						Net Value Incl. Tax (Tax Code :N5-Input CGST (9%) + SGST (9%) Non-Deductible):INR	1,984,353.83

*BTS ID : 3700006950-B25-000007

27-09-2025.

Seal & Signature

27/09/2025

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

उप प्रबंधक (सी)/Dy Manager (C)
एचएसएम/HSM-II
केएचपीएस, नीपको, उमरांगसो (असम)
KHPS, NEEPCO, Umrongso (Assam)

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED NOTE

(Mini Ratna, Category-I, Government of India Enterprise)

File Number: Note Sheet/CW/HSM - I/T-129/15/KHEP/27/01/2024

Basic Details

FileType: Note Sheet	
Subject: procurement of extra quantity of material by M/S PES	
Created On : 27/01/2024 **Time :**12:10:02	**Status:** In Process
Created By: Anand Prakash	**Last Changed By:** Amrit kumar Borah

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File Workflow

Creator : Anand Prakash (27/01/2024 12:12:32)

Processor - 1: Utpal Borah (31/01/2024 19:39:35)
Processor - 2: Dilip Kumar Saikia (31/01/2024 20:08:58)
Processor - 3: Chandra Prasad Saikia (01/02/2024 11:07:13)
Processor - 4: Biswajit Sinha (02/02/2024 12:21:02)
Processor - 5: Chandra Prasad Saikia (28/02/2024 18:35:44)
Processor - 6: Ajay Kr Shaw (06/04/2024 17:54:42)
Processor - 7: Chandra Prasad Saikia (06/04/2024 20:28:37)
Processor - 8: Utpal Borah (06/04/2024 21:08:57)
Processor - 9: Partha Protim Neog (19/04/2024 15:58:31)
Processor -10: Utpal Borah (19/04/2024 18:13:48)
Processor -11: Chandra Prasad Saikia (19/04/2024 19:16:19)
Processor -12: Ajay Kr Shaw (31/05/2024 19:57:55)
Processor -13: Chandra Prasad Saikia (15/06/2024 12:51:00)
Processor -14: Dinesh Inrugbam (16/09/2024 02:27:38)
Processor -15: Chandra Prasad Saikia (21/09/2024 09:44:42)
Processor -16: Utpal Borah (21/09/2024 12:32:40)
Processor -17: Partha Protim Neog (21/09/2024 12:53:23)
Processor -18: Shashank Singh (04/10/2024 11:56:03)
Processor -19: Partha Protim Neog (15/10/2024 17:15:42)
Processor -20: Utpal Borah (16/10/2024 09:55:42)
Processor -21: Chandra Prasad Saikia (17/10/2024 10:26:09)
Processor -22: Dinesh Inrugbam (01/01/2025 19:03:19)
Processor -23: Chandra Prasad Saikia (06/01/2025 10:34:05)
Processor -24: Utpal Borah (06/01/2025 13:12:43)
Processor -25: Shashank Singh (16/01/2025 10:59:27)
Processor -26: Partha Protim Neog (24/01/2025 16:49:03)
Processor -27: Utpal Borah (03/02/2025 00:45:46)
Processor -28: Susanta Deka (03/02/2025 12:33:30)
Processor -29: Chandra Prasad Saikia (03/02/2025 12:49:18)
Processor -30: Biswajit Sinha (24/02/2025 11:24:39)
Processor -31: Chandra Prasad Saikia (24/02/2025 12:05:47)
Processor -32: Dinesh Inrugbam (04/04/2025 12:38:21)
Processor -33: Chandra Prasad Saikia (04/04/2025 13:11:01)
Processor -34: Biswajit Sinha (04/04/2025 17:28:22)
Processor -35: Chandra Prasad Saikia (07/04/2025 11:26:26)

Processor -36: Susanta Deka (08/04/2025 17:43:21)
Processor -37: Bijit Kr. Goswami (09/04/2025 12:23:56)
Processor -38: Joypal Roy (16/04/2025 11:42:18)
Processor -39: Bipul Das (22/04/2025 13:18:39)
Processor -40: Joypal Roy (22/04/2025 16:24:58)
Processor -41: Bijit Kr. Goswami (22/04/2025 21:36:16)
Processor -42: Siddhartha Sankar Adhikari (23/04/2025 14:49:42)
Processor -43: Sitangshu Dhar (23/04/2025 17:39:39)
Processor -44: Sujeet Kumar Jha (04/05/2025 22:16:47)
Processor -45: Sitangshu Dhar (06/05/2025 14:43:46)
Processor -46: Siddhartha Sankar Adhikari (07/05/2025 15:09:31)
Processor -47: Bijit Kr. Goswami (07/05/2025 15:54:47)
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Processor -51: Pranab Jyoti Mazumdar (20/05/2025 11:40:14)
Processor -52: Bijit Kr. Goswami (20/05/2025 13:45:57)
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Processor -54: Utpal Borah (22/05/2025 13:09:51)
Processor -55: Partha Protim Neog (24/05/2025 10:40:20)
Processor -56: Shashank Singh (27/05/2025 09:59:47)
Processor -57: Partha Protim Neog (02/06/2025 10:59:48)
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Processor -60: Utpal Borah (03/06/2025 13:20:46)
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Processor -62: Dinesh Inrugbam (24/06/2025 20:52:02)
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Processor -70: Amrit kumar Borah (04/07/2025 10:19:06)
Processor -71: Ashim jyoti Bordoloi (04/07/2025 20:14:37)
Processor -72: Bijit Kr. Goswami (05/07/2025 21:34:49)
Processor -73: Dwijen Kumar (07/07/2025 10:24:27)
Processor -74: Pranab Jyoti Mazumdar (07/07/2025 10:52:09)
Processor -75: Rahul Kumar Gohar (15/07/2025 10:15:25)
Processor -76: Pranab Jyoti Mazumdar (15/07/2025 10:47:45)
Processor -77: Bijit Kr. Goswami (15/07/2025 12:25:33)
Processor -78: Dwijen Kumar (15/07/2025 16:09:13)
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Processor -80: Dwijen Kumar (17/07/2025 11:19:47)
Processor -81: Bijit Kr. Goswami (18/07/2025 08:36:57)
Processor -82: Ashim jyoti Bordoloi (18/07/2025 11:58:49)
Processor -83: Amrit kumar Borah (18/07/2025 12:32:23)
Processor -84: Utpal Borah (18/07/2025 16:30:07)
Processor -85: Partha Protim Neog (18/07/2025 17:53:37)
Processor -86: Shashank Singh (22/07/2025 12:43:17)
Processor -87: Partha Protim Neog (22/07/2025 13:00:08)
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Processor -90: Ashim jyoti Bordoloi (24/07/2025 19:28:49)
Processor -91: Bijit Kr. Goswami (25/07/2025 13:45:28)
Processor -92: Dwijen Kumar (25/07/2025 15:06:38)
Processor -93: Pranab Jyoti Mazumdar (28/07/2025 11:21:39)
Processor -94: Rahul Kumar Gohar (28/07/2025 16:53:20)
Processor -95: Pranab Jyoti Mazumdar (28/07/2025 17:08:32)
Processor -96: Dwijen Kumar (28/07/2025 18:16:52)
Processor -97: Bijit Kr. Goswami (29/07/2025 10:51:27)
Processor -98: Ashim jyoti Bordoloi (29/07/2025 12:16:02)
Processor -99: Utpal Borah (29/07/2025 13:24:24)
Processor -100: Shashank Singh (29/07/2025 13:47:33)
Processor -101: Utpal Borah (29/07/2025 14:16:05)
Processor -102: Ashim jyoti Bordoloi (29/07/2025 15:03:11)
Processor -103: Bijit Kr. Goswami (29/07/2025 18:41:27)
Processor -104: Ranendra Sarma (30/07/2025 11:50:38)
Processor -105: Diganta Goswami (30/07/2025 12:34:10)
Processor -106: Bijit Kr. Goswami (30/07/2025 13:30:54)
Processor -107: Ashim jyoti Bordoloi (31/07/2025 08:34:29)
Processor -108: Amrit kumar Borah (01/08/2025 09:38:43)
Processor -109: Anand Prakash (01/08/2025 10:20:50)

Processor -110: Amrit kumar Borah (01/08/2025 10:39:09)
Processor -111: Utpal Borah (01/08/2025 14:39:54)
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Processor -113: Shashank Singh (04/08/2025 10:46:43)
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Processor -117: Utpal Borah (12/08/2025 10:41:20)
Processor -118: Partha Protim Neog (12/08/2025 18:30:01)
Processor -119: Shashank Singh (12/08/2025 18:42:47)
Processor -120: Partha Protim Neog (13/08/2025 10:14:44)
Processor -121: Utpal Borah (13/08/2025 11:47:27)
Processor -122: Dinesh Inrugbam (16/09/2025 16:59:23)
Processor -123: Parag Saikia (04/10/2025 13:30:36)
Processor -124: Shashank Singh (14/10/2025 11:56:50)
Processor -125: Parag Saikia (14/10/2025 18:55:04)
Processor -126: Amrit kumar Borah (15/10/2025 09:41:01)
Processor -127: Gautam Kumar (17/10/2025 16:19:20)
Processor -128: Amrit kumar Borah (21/10/2025 11:52:38)
Processor -129: Gautam Kumar (00/00/0000 00:00:00)

File Description

Regarding payment for procurement of extra quantity of material by M/S PES against the work "Repair of Hydro-Mechanical components under R&M of khandong power station (2×23MW), Dist-Dima Hasao, Assam

Created By : Anand Prakash
Created On :27/01/2024 12:11:04
With Department :notesheet
Forwarded To: Utpal Borah

File Attachments

Attachments :

PO_PES; **Created By :**Gautam Kumar; **Uploaded on :**16/10/2025 12:30:09
PES_reply; **Created By :**Shashank Singh; **Uploaded on :**29/07/2025 13:38:30
Appendix_I; **Created By :**Amrit kumar Borah; **Uploaded on :**02/07/2025 10:14:07
Annex_II; **Created By :**Shashank Singh; **Uploaded on :**27/05/2025 09:58:52
Annex_I; **Created By :**Shashank Singh; **Uploaded on :**27/05/2025 09:58:28
Finaldeviation_24.02.2025; **Created By :**Biswajit Sinha; **Uploaded on :**24/02/2025 10:57:53
Final_deviation_statement; **Created By :**Shashank Singh; **Uploaded on :**16/01/2025 10:54:42
Note Sheet/CW/HSM - I/T-104/68/KHEP/25.07.2023/2023; **Created By :**6519; **Uploaded on :**10/01/2025 11:31:02
D&E_Inspection_Report; **Created By :**Shashank Singh; **Uploaded on :**10/01/2025 11:27:09
Attachment6; **Created By :**Partha Protim Neog; **Uploaded on :**19/04/2024 15:46:56
Attachment5; **Created By :**Partha Protim Neog; **Uploaded on :**19/04/2024 15:46:38
Attachment4; **Created By :**Partha Protim Neog; **Uploaded on :**19/04/2024 15:46:16
Attachment3; **Created By :**Partha Protim Neog; **Uploaded on :**19/04/2024 15:45:57
Attachment2; **Created By :**Partha Protim Neog; **Uploaded on :**19/04/2024 15:45:40
Attachment1; **Created By :**Partha Protim Neog; **Uploaded on :**19/04/2024 15:45:23
notesheet; **Created By :**Anand Prakash; **Uploaded on :**27/01/2024 12:12:10

File Notings

NOTESHEET

Sub: - Regarding payment for procurement of extra quantity of material by M/S PES against the work "Repair of Hydro-Mechanical components under R&M of khandong power station (2×23MW), Dist-Dima Hasao, Assam.

Ref.: - 1) Work order no. NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S./2021-22/4070 dated 17/12/2021

2) Work order no. NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S./2022-23/5446 dated 09/01/2023

3) U.No. 963 dated 18/08/2023, O/o The General manager, HOP, KHEP, Umrongso

4) M/S PES letter no. PESEPL/KHEP/PS/2023/186 dated 29.11.2023

A meeting was convened on 15-11-2021 with ED (O&M), ED (D&E), HoP & M/S PES to formulate the renovation of HM gates of Khandong. It came to knowledge that there was no built up drawing of gates to refer. And to assess the requirement of material as per actual, it would take ample amount of time to inspect the gate groove/work front and estimate the qty. Considering the urgency of the work, M/S PES were requested to procure the material on the basis of available tender stage drawings and it was committed by the NEEPCO that any excess procurement of material would be compensated suitably. Subsequently M/S PES procured **66.149 MT** of Stainless-steel Plats for 2nd stage embedded parts of gates.

M/S PES was awarded a work for "Repair of Hydro-Mechanical components under R&M of Khandong Power Station (2×23MW),Dist- Dima Hasao, Assam Vide work order no. under refer. (1) above. All the BOQ items were prepared on the basis of tender drawing. The total contract sum of the work was Rs **27246178.00 (Excluding GST).** During the execution of works some extra items were also incorporated as per actual which was not envisaged earlier and approval of the same was received vide work order no. under refer. (2) above. Due to time constraint for commissioning of Khandong Stage-II (1×23MW) after the inundation of Khandong Power station on 26-03-2022, some items of BOQ were omitted.

The payment to the contractor was made as per SOP (Schedule of Payment) mention in the contract of R&M of Penstock & inliners of Umrong water conductor system (4×50MW) as detailed below.

Sl No.	**Description**	**% of BOQ Rate**	**Remarks**
1	Milestone- A	50%	For Supply of Material
2	Milestone-B	20%	For Fabrication of Material
		i) 75% of 20%	For completion of Fabrication
		ii) 25% of 20%	For testing of Fabricated material
3	Milestone-C	20%	For erection of Fabricated material
4	Milestone-D	10%	For commissioning & Trial run of Penstock & in liner.

Following is the list of BOQ items showing Estimated qty, Utilised & Un-utilised qty Under R&M work of HM components of Khandong power station as per work order no. vide refer. (1) & (2) above.

Item No.	Description	unit	BOQ Qty	Executed Qty	Un-Utilised Qty	Rate (Without GST)
BOQ items (as per work order no. under refer. (1) above						
2.3	Design, supply , fabrication, transportation and installation 2nd stage embeded parts (for 1 nos. of opening) comprising of sill beam , track beam , lintel beam, guide , bumper block etc and other embedments as required as per technical specification complete. The work shall be inclusive of all tools, tackle , manpower,	MT	10.75	0.296	10.454	427118.64

	machineries etc. (Supply of plates)					
3.3	Design, supply, fabrication, transportation and installation 2nd stage embedded parts (for 1 nos. of opening) comprising of sill beam, track beam, lintel beam, guide, bumper block etc and other embedments as required as per technical specification complete. The work shall be inclusive of all tools, tackle, manpower, machineries etc. (Supply of Plates) Note: As per BOQ the Qty was 28.184 MT, but M/S brought only 18.139 MT to site as per actual.	MT	18.139 (28.184)	1.862	16.277	427118.64
EXTRA WORKS (as work order no. under refer. (2) above						
3/(iii)	Design, supply , fabrication, transportation and installation 2nd stage embeded parts (for 1 nos. of opening) comprising of sill beam , track beam , lintel beam, guide , bumper block etc and other embedments as required as per technical specification complete. The work shall be inclusive of all tools, tackle , manpower, machineries etc. (supply of plates)	MT	5	0.487	4.513	4,27,118.64
4	Supply,fabrication, transportation, handling, site storage, erection and commissioning (including provision for all labour, tools and tackles) of stainless	MT	13.564	9.836	3.728	9,28,643.00

	steel cladding with 10 mm & 20 mm thick plate conforming to ASTM-240 Gr. 304 at Intake Bulk heads gate of Khandong WCS complete in all respect as per design, drawing and technical specification to the satisfaction of the Engineer-In-Charge. (Supply of Plates)					
5	Supply,fabrication, transportation, handling, site storage, erection and commissioning (including provision for all labour, tools and tackles) of stainless steel cladding with 10 mm & 20 mm thick plate conforming to ASTM-240 Gr. 304 at Intake Stoplog Gate of Khandong WCS complete in all respect as per design, drawing and technical specification to the satisfaction of the Engineer-In-Charge. (Supply of Plates)	MT	2.294	0.934	1.360	9,28,643.00
			Total Un-utilised Qty	**36.332 MT**		
			Total Un- Utilised Qty Claim	**32.611 MT**		

Vide U.O. no. under refer. (3) above, the proposal for payment against returning of the excess procured material by M/S PES was agreed in-principal by the HOP for further processing. Since M/S PES had already supplied & fabricated the material, hence they are eligible for 50% of supply+75% of 20% of fabrication only as per SOP mentioned on page no. 1. Subsequently the undersigned had checked & verified all the excess material at M/S PES store yard on 13-10-2023.

And the same was transported to the Central Store yard of NEEPCO on 18-10-2023 & 19-10-2023. The total qty of material received as per the gate pass is as below: -

Sl. No.	**Description**	**Qty (MT)**	**Remarks**
1	GATE PASS NO. 839	6.677	**ANNEXURE- "A"**

2	GATE PASS NO. 840	2.303	
3	GATE PASS NO. 841	0.443	
4	GATE PASS NO. 842	8.553	
5	GATE PASS NO. 843	9.097	
6	GATE PASS NO. 844	5.594	
	TOTAL QUANTITY OF MATERIAL	**32.611 MT**	

M/S PES vide their letter no. under reference (4) above, have submitted the details of total financial involvement considering 70% of the rate i.e. only supply and fabrication as per the schedule of payment (SOP). The claim has been scrutinised as per the submitted documents and approved drawings at this end and the details of the same is as tabulated below:

Sl. no.	**Description**	**Unit**	**Rate (as PER SOP)**	**Gate pass no.**	**Qty**	**Amount (Excl GST)**
1	Design, supply. Fabrication, transportation and installation 2nd stage embeded parts (for 1 nos of opening) comparising of sill beam, track beam, lintel beam, guide, bumper block etc. and other embedment's as required as per technical specification complete. The work shall be inclusive of all tools, tackle, manpower, machineries etc (supply of plates)	MT	(50% for supply + 75% of 20% for Fabrication completion) of ₹ 427118.64 = ₹277627.116	839, 840,841, 842, 843 & 844	30.073	₹ 8349080.259

2	Supply, fabrication, transportation, handling, site storage, erection and commissioning (including provision for all labour, tools & tackles) of stainless steel cladding with 10mm & 20mm thick plate conforming to ASTM-240 Gr. 304 at intake, bulk head gate of Khandong WCS complete in all respect as per design and technical specification to the satisfaction of the EIC (supply of plates)	MT	50% for supply + 75% of 20% for Fabrication completion) of ₹ 928643.00 = ₹603617.95	842	2.538	₹1531982.357
	Total Amount					₹9881062.617
					Add 18 % GST	₹ 1778591.271
					Total Amount (Including GST)	**₹ 11659653.89**
						Say ₹11659654.00
	(Rupees One Crore Sixteen lakhs fifty-nine thousand six hundred fifty-four Only)					

So, the total financial involvement for the cost of supply & fabrication of 32.611 MT is **₹11659654.00 (Rupees One Crore Sixteen lakhs fifty-nine thousand six hundred fifty-four Only) including GST** and found to be justified. A copy of rate pertaining to items at Sl. No. 1 & 2 and Schedule of Payments (SOP) is being enclosed for your reference.

As per the MOM dated 15-11-2021, NEEPCO had agreed to compensate the excess procure material to M/S PES. And the same is being compensated considering rate of supply & fabrication as per the SOP. It is to mention that the above claim is not an additional expenditure against the said work. In fact, instead of full BOQ rate M/S PES would be paid for supply & fabrication only as detailed above. The deviation statement considering original work order & revised work order is as detailed below: -

Sl. No.	**Description**	**Estimated Amt (Wothout**	**Remarks**

		GST)	
1	As per work order no. (NEEPCO/KHEP/C&P©/F-05/Kopili P.S/2021-22/4070 dtd. 17.12.202	27246178.07	
2	As per Revised work order no. (NEEPCO/KHPS/C&P©/F-05/2022-23/5446 dtd. 09.01.2023)	31751583.79	
3	Total Revised Contract Value of Work= (1+2)	**58997761.85**	**(A)**
4	Total value of work done as per work order no. 1 & 2	43849939.44	
5	Additional works proposed to be incorporated	3372426.58	Approval is pending
6	Proposed Amount to be compensated to M/S PES	9881062.617	
7	Total revised work done amount= (4+5+6)	**57103428.64**	**(B)**
8	Difference of (B-A) =	**-1894333.21**	
9	Deviation in %	**-3.21%**	Negative deviation

Put up for kind perusal and further needful please.

Encl. 1) Details of Material--- **ANNEXURE "A"**

2) a copy of SOP & BOQ--- **ANNEXURE- "B"**

3) MS PES Bill copy--- **ANNEXURE- "C"**

4) a copy of Gate Pass-- **ANNEXURE- "D"**

GM (C), HSM-1 DGM (C), HSM-1

ID: 001
Noted By: Anand Prakash
Noted On: 27/01/2024 Time : 12:10:38

Forwarded To : Utpal Borah

Trailing note of DGM(C) HSM may kindly be seen.

The proposal is regarding approval to payment for extra quantity of materials (fabricated stainless-steel plates) by M/S PES for the work "Repair of Hydro-Mechanical components under R&M of Khandong PS (2×23MW) as per decision taken in the meeting dated 15.11.2021 by the then ED (O&M), ED (D&E), D&E officials, HoP, Site officials KHPS with M/S PES. (MOM enclosed)

As built-up drawings were not available to assess the actual requirement of materials for renovation of HM gates, further it would take a sufficient time to inspect the gate groove/work fronts and estimate the qty. actually required, considering urgency of the work, M/S PES was requested to procure the material on the basis of available tender-stage drawings. However, it was committed by the NEEPCO that any excess procurement of material would be compensated suitably.

Subsequently, M/S PES procured 66.149 MT of Stainless-Steel Plats for 2nd stage embedded parts of gates to execute under the contracts 1. Work order no. NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S./2021-22/4070 dated 17/12/2021 & 2. Work order no. NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S./2022-23/5446 dated 09/01/2023 and out of that 36.332 MT remained un-utilised. M/s PES has claimed compensation for excess quantity of 32.611 MT account of which has been taken into the Corporation.

Proposal for payment of the excess procured material by M/S PES was agreed in-principal by the HOP on 18.08.2023 subject to return to the Corporation store. (copy enclosed)

Payment under the said work orders was made as per SoP (Schedule of Payment) accepted in the contract of R&M of Penstock & in-liners of Umrong Water Conductor system (4×50 MW) and in same way total compensation worked out for the cost of supply & fabrication of 32.611 MT stands at **₹.1,16,59,654.00** (Rupees One Crore Sixteen lakh fifty-nine thousand six hundred fifty-four) only including GST and found justified.

Variation during post award execution of the work/supply due to scope/quantity variation is found to be (-) 3.21 %. (detail at note at ID 001). As technical clearance of D&E is there, technical approval of HOP to the variation in term of DOP cl. No. 15.1, S-I and approval for change order as per cl. no 15.2, S-I may kindly be accorded to facilitate pending payment to the contractor.

Put up for kind perusal and approval.

ID: 002
Noted By: Utpal Borah
Noted On: 31/01/2024 Time : 19:37:57

Forwarded To : Dilip Kumar Saikia

Please examine and put up

ID: 003
Noted By: Dilip Kumar Saikia
Noted On: 31/01/2024 Time : 20:08:05

Forwarded To : Chandra Prasad Saikia

Examine and put up a note for further processing of this proposal.

ID: 004
Noted By: Chandra Prasad Saikia
Noted On: 01/02/2024 Time : 11:05:08

Forwarded To : Biswajit Sinha

Trailing notes may please be seen.
The proposal duly recommended by GM(C), HSM, seeking approval for **"Payment for procurement of extra quantity of material (fabricated stainless-steel plates) by M/S PES against the work: Repair of Hydro-Mechanical components under R&M of Khandong Power Station (2×23MW), Dist-Dima Hasao, Assam"**, involves the following:

1. In the meeting taken by ED (O&M) on 15.11.2021 pertaining to " Repair of HM Components (Gates) under R&M of Khandong Power Station (2 X 25 MW)" under Sl No: of the MOM it was decided as under:

"*It has been decided that, the preliminary design of Embeded Parts shall be done on the basis of information available in the Technical Specification and procurement of materials by M/s PES shall be done on the basis of the same. However, final design & fabrication drawings shall be prepared after necessary exposure of smsller portion of the embeded parts through breaking of concrete. There is likelihood of excess procurement, since it will be based on tender documents without actual measerment for the for the interest of work. The excess quantity if any shall be taken into the account of the Corporation and the contractor shall be compensated suitably*"

2. Subsequently, the contractor M/S PES procured 66.149 MT of Stainless-Steel Plates for 2nd stage embedded parts of gates to execute the work "**Repair of Hydro-Mechanical components under R & M of Khandong Power Station (2X 25 MW), Dist-Dima Hasao, Assam"** (vide Agreement No. NEEPCO/KHPS/C&P(C)/F-06/2022-2023/114, Dt. 07.07.2022 & Work order no. NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S./2021-22/4070 dated 17/12/2021)

3. And out of the 66.149 MT of Stainless-Steel Plates procured 36.332 MT remained un-utilised. Now M/s PES has claimed compensation for the excess quantity of 32.611 MT of Stainless-Steel Plates procured by them. The same has already been taken into NEEPCO's account.

4. HOP vide U.O No: 963, dtd 18.08.2023 of o/o HOP has agreed in-principal to the proposal for payment against the excess procured material by M/S PES.

5. Payment was made to M/s PES under the above refered work orders as per SoP (Schedule of Payment) accepted pertaining to the work **"Design, Fabrication, Supply, Erection, Testing & Commissioning of Penstock and Steel In-Liners in Umrong System of Kopili Hydro Electric Project (275 MW), Dist-Dima Hasao, Assam"** (vide W.O No.NEEPCO/QP/ED/C&P/F/C/KHEP(Restn)-546/Vol-I/2020-21/1878, dtd. 13.11.2020 and Agreement No. NEEPCO/QP/ED(C&P)/R/C/KHEP(Restn)-666/2020-21, dtd. 28.01.2021) as indicated below:

Sl No.	Description	% of BOQ Rate	Remarks
1	Milestone- A	50%	For Supply of Material
2	Milestone-B	20%	For Fabrication of Material
		i) 75% of 20%	For completion of Fabrication
		ii) 25% of 20%	For testing of Fabricated material
3	Milestone-C	20%	For erection of Fabricated material
4	Milestone-D	10%	For commissioning & Trial run of Penstock & in liner.

and in same way total compensation worked out for the cost of supply & fabrication of 32.611 MT stands at ₹.1,16,59,654.00 (Rupees One Crore Sixteen lakh fifty-nine thousand six hundred fifty-four) only including GST as indicated in the FLM Note 001.

However, HSM may be requested to review the variation w.r.t. the original contract sum in terms of Cl. 15(a) or 15(b) and forward the proposal along with the deviation statement for further processing of the proposal.

Submitted please.

ID: 005
Noted By: Biswajit Sinha
Noted On: 02/02/2024 Time : 12:20:08

Forwarded To : Chandra Prasad Saikia

Instant proposal is submitted from GM(C), HSM seeking approval for **Payment against procurement of 32.611 MT of extra quantity of material (fabricated stainless-steel plates) by M/S PES against the work: Repair of Hydro-Mechanical components under R&M of Khandong Power Station (2×23MW),**

Dist-Dima Hasao, Assam awarded vide Work order no. NEEPCO/ KHEP / C&P(C)/F-05/Kopili P.S./2021-22/4070 dated 17/12/2021.

The proposal has been examined at C&P and detail evaluation of the proposal submitted by Sr. Manager(C), C&P may please be seen-

The proposal is submitted for approval of a negative deviation during post award execution of the contract the contract.

Forwarded for scrutiny of site Finance for obtaining approval of Competent Authority in terms of Cl. 15 of DOP.

ID: 006
Noted By: Chandra Prasad Saikia
Noted On: 28/02/2024 Time : 18:33:44

Forwarded To : Ajay Kr Shaw

Finance is evaluated the proposal in detail but not possible to conclude due to some technical lacking or not able to understand the facts. In nutshell, the proposal seems the excess materials as procured by the supplier will be taken by the corporation.

In respect to above, please arrange to clarify the payment made to the contractor on actual use of BOQ & balance unused materials to be taken back by the corporation based on which cost. Further, the supplier should submit the documents in regard to rates of the materials for arriving the actual cost of materials to be return to the corporation. In addition to above, please attached details of payment particulars with MB for further verification indeed.

Submitted for review please

DGM(E), C&P DGM(F)

ID: 007
Noted By: Ajay Kr Shaw
Noted On: 06/04/2024 Time : 17:53:52

Forwarded To : Chandra Prasad Saikia

Observation of Finance at note no. 007 may please be seen-

In line with the observation of Finance, Necessary clarification may please be recorded for further processing

ID: 008
Noted By: Chandra Prasad Saikia
Noted On: 06/04/2024 Time : 20:21:54

Forwarded To : Utpal Borah

Trailing note pl.

Evaluation of the proposal could not be completed by Finance due to lack of some information as mentioned at ID007,Finance is unable to understand the proposal . It is suggested that in consultation with Sri Anand Prakash, DGM(C) at ID 001 ,a reply to all points raised by the DGM(F) may be prepared afresh and forwarded for further processing.

DGM(C) HSM CGM(C) HSM

ID: 009
Noted By: Utpal Borah
Noted On: 06/04/2024 Time : 21:04:42

Forwarded To : Partha Protim Neog

The trailing notes may kindly be seen.

The proposal for payment against returning of the excess procured material by M/S PES was agreed in-principal by the HOP for further processing. Since M/S PES had already supplied & fabricated the material, hence they are eligible for 50% of supply+75% of 20% of fabrication only as per Schedule of Payment (SOP). Subsequently it was already been checked & verified all the excess material at M/S PES store yard on 13-10-2023 by HSM.

The said materials were transported to the Central Store yard of NEEPCO on 18-10-2023 & 19-10-2023. The total qty of material received as per the gate pass is **32.611 MT**

As already been recorded at trailing note 001 by DGM©,HSM, it is evident that M/s PES have submitted **the details of total financial involvement considering 70% of the rate i.e. only supply and fabrication as per the schedule of payment (SOP). The claim has already been scrutinized as recorded by DGM©,HSM at trailing note 001 based on the submitted documents and approved drawings.**

As already been recorded at trailing note 001 by DGM©,HSM, the total financial involvement for the cost of supply & fabrication of 32.611 MT is **₹11659654.00 (Rupees One Crore Sixteen lakhs fifty-nine thousand six hundred fifty-four Only)**

As per the MOM dated 15-11-2021, NEEPCO had agreed to compensate the excess procure material to M/S PES and the same is being compensated considering rate of supply & fabrication as per the SOP. It is to mention that the **above claim is not an additional expenditure against the said work. In fact, instead of full BOQ rate M/S PES would be paid for supply & fabrication only** including GST

Further as desired by F&A the documents in regard to **rates of the materials have been enclosed herewith along with details of payment particulars with MB numbers**. **It is submitted that the said MB (s) will be handed over to F&A Wing as and when asked by them**.

Submitted for onward forwarding to F&A Wing please.

CGM(C),HSM (P.P.NEOG)

DGM(C),HSM

ID: 010
Noted By: Partha Protim Neog
Noted On: 19/04/2024 Time : 13:09:03

Forwarded To : Utpal Borah
Attachments : Attachment6**; Uploaded on :**19/04/2024 15:46:56
Attachments : Attachment5**; Uploaded on :**19/04/2024 15:46:38
Attachments : Attachment4**; Uploaded on :**19/04/2024 15:46:16
Attachments : Attachment3**; Uploaded on :**19/04/2024 15:45:57
Attachments : Attachment2**; Uploaded on :**19/04/2024 15:45:40
Attachments : Attachment1**; Uploaded on :**19/04/2024 15:45:23

Trailing note of DGM(C) HSM .

Clarification to the observation of Finance is furnished and found in order.

Forwarded for further needful.

ID: 011
Noted By: Utpal Borah
Noted On: 19/04/2024 Time : 18:03:53

Forwarded To : Chandra Prasad Saikia

As desired, the executing wing/ HSM has recorded necessary clarification to the observation of Finance and same may please be seen at note no. 0010.

In view of the clarification submitted with recommendation of CGM(C) , HSM concurrence may be accorded from Finance for regularization of **Payment against procurement of 32.611 MT of extra**

quantity of material (fabricated stainless-steel plates) by M/S PES against the work: Repair of Hydro-Mechanical components under R&M of Khandong Power Station (2×23MW), Dist-Dima Hasao, Assam awarded vide Work order no. NEEPCO/ KHEP / C&P(C)/F-05/Kopili P.S./2021-22/4070 dated 17/12/2021.

ID: 012
Noted By: Chandra Prasad Saikia
Noted On: 19/04/2024 Time : 19:15:31

Forwarded To : Ajay Kr Shaw

Returns as discussed...

ID: 013
Noted By: Ajay Kr Shaw
Noted On: 31/05/2024 Time : 19:55:51

Forwarded To : Chandra Prasad Saikia

Trailing notes may please be seen-

Proposal is resubmitted for scrutiny and concurrence of Finance for regularization of **Payment against procurement of 32.611 MT of extra quantity of material (fabricated stainless-steel plates) by M/S PES against the work: Repair of Hydro-Mechanical components under R&M of Khandong Power Station (2×23MW), Dist-Dima Hasao, Assam awarded vide** Work order no. NEEPCO/ KHEP / C&P(C)/F-05/Kopili P.S./2021-22/4070 dated 17/12/2021.

ID: 014
Noted By: Chandra Prasad Saikia
Noted On: 15/06/2024 Time : 12:49:25

Forwarded To : Dinesh Inrugbam

The proposal for payment for the excess materials procured by M/s PES for the second stage embedded parts of the gates, under the work "Repair of Hydro-Mechanical components as part of the R&M of Khandong PS (2×23MW)," is review in finance

M/s PES procured 66.149 MT of stainless-steel plates for the second stage embedded parts of the gates. Of this, 36.332 MT remained unused. M/s PES is now seeking compensation for the excess procurement of 32.611 MT of stainless-steel plates. Now the balance material is to be taken into the accounts of the corporation as the commitment recorded in the meeting and payment need to be made after finalising procurement rate of the balance material on the basis of analysis of rate as per actual involvement of cost for the material.

Subsequently, M/S PES has claim total amounts of Rs 1,16,59,653.89, inclusive of 18% GST (refer to Note 001 for calculation details). The claim amount for the balance material are frame as per BOQ rate under SOP ie 50% for supply of material (Rs 4,27,118.64 for Design, supply, fabrication, transportation, and installation) and 70% of 20% for Fabrication work - (Rs 9,28,643 for Supply fabrication, transportation, handling, site storage, erection & commissioning)

The executive authority is requested to review the contractor's claim for the balance material based on the actual cost incurred. Since the contractor's claim is based on the BOQ rate under SOP, it is important to verify the following :
a) Fabrication works where the contractor claims 70% of 20 % for all the unutilized materials.
b) Whether the design rate may be applicable to determine the actual cost of the unutilized materials.
c) Consideration of the contractor's profit, included in the BOQ rate in contractor's claim, while finalizing actual cost of unutilized materials.

ID: 015
Noted By: Dinesh Inrugbam
Noted On: 16/09/2024 Time : 01:21:56

Forwarded To : Chandra Prasad Saikia

Observation of Finance at note no. 0015 may please be seen.

In response to Finance, specifically regarding review the contractor's claim for the balance material based on the actual cost incurred, executing authority may record / furnish their views and needful action for further processing of this proposal.

ID: 016
Noted By: Chandra Prasad Saikia
Noted On: 21/09/2024 Time : 09:43:49

Forwarded To : Utpal Borah

Trailing note.

Finance requests to review M/s PES's claim verifying the following points-

a) Fabrication works where the contractor claims 70% of 20 % for all the unutilized materials.
b) Whether the design rate may be applicable to determine the actual cost of the unutilized materials.
c) Consideration of the contractor's profit, included in the BOQ rate in contractor's claim, while finalizing actual cost of unutilized materials.

Please give views.

ID: 017
Noted By: Utpal Borah
Noted On: 21/09/2024 Time : 12:29:50

Forwarded To : Partha Protim Neog

As desired by F&A Wing vide trailing notes at 0015 may kindly be clarified

ID: 018
Noted By: Partha Protim Neog
Noted On: 21/09/2024 Time : 12:52:15

Forwarded To : Shashank Singh

With reference to the observation of D.M(F) at Note#0015, point wise clarification is furnished as under: -

1. It is to clarify that the contractor had claimed 70% (**50% for Supply + 20% for Fabrication**) and **not 70% of 20%** as observed by D.M(F) in his note. Further DGM(C) at Note#001 had already clarified that **"Since M/S PES had already supplied & fabricated the material, hence they are eligible for 50% of supply+75% of 20% of fabrication only as per SOP".** Thus, for the **balance 25% of 20% for fabrication** the contractor is not eligible since they had only completed the fabrication of the unutilized material and had not performed any testing for the unutilized fabricated material.

2. Since the rates are firm as per the BoQ and payment modalities are also fixed as per the SOP (Schedule of Payment), applicability of design rate in the instant case may not arise.

3. Since the contractor had executed the Supply and Fabrication part of the work for the unutilized material, the contractor is entitled for profit on the Supply and Fabrication part of the work i.e (50% for Supply +75% of 20% for fabrication of unutilized material) and the same is been considered by DGM(C) in his initiating note at ID#001.

Submitted please.

ID: 019
Noted By: Shashank Singh
Noted On: 04/10/2024 Time : 11:48:28

Forwarded To : Partha Protim Neog

The trailing notes may kindly be seen.

The observation of F&A Wing and the noting of C&P wing vide Trailing note 0015 & 0016 respectively has duly been attended vide noting of the DM(C),HSM at trailing note 0019 which is self explanatory.

Submitted for onward forwarding to F&A, Wing please.

CGM(Tech),HSM (P.P.Neog)

DGM(C),HSM

ID: 020
Noted By: Partha Protim Neog
Noted On: 15/10/2024 Time : 17:14:09

Forwarded To : Utpal Borah

Trailing note pl.

Pointwise clarification at ID 0019 to the observation of Finance is agreed and forwarded for further needful pl.

ID: 021
Noted By: Utpal Borah
Noted On: 16/10/2024 Time : 09:54:38

Forwarded To : Chandra Prasad Saikia

In view of the clarification submitted by executing authority, Finance may consider the same for concurrence please.

ID: 022
Noted By: Chandra Prasad Saikia
Noted On: 17/10/2024 Time : 10:21:57

Forwarded To : Dinesh Inrugbam

With due clarification from Dy, Mng (HSM)

Proposal for payment against procurement of extra quantity of material (50% supply of Material with 75% of 20% fabrication as per SoP by PES) is reexamine in finance. As per the MOM dated 15-11-2021, NEEPCO had agreed to compensate the excess procure material to M/S PES and the same is being compensated considering rate of supply & fabrication as per the SOP. It is to mention that the **claim is not an additional expenditure against the said work. In fact, instead of full BOQ rate M/S PES would be paid for supply & fabrication only** including GST.

It is found that M/s PES has procured the 66.149 MT of stainless-steel plates procured, for 2nd stage embedded parts of gates to execute under the contracts out of that 36.332 MT remained un-utilised. M/s PES has claimed compensation for excess quantity of 32.611 MT account of which has been taken into the Corporation. M/s PES has now claimed compensation for the excess quantity of 32.611 MT of stainless-steel plates procured.

Payment under the said work orders was made as per SoP (Schedule of Payment) accepted in the contract of R&M of Penstock & in-liners of Umrong Water Conductor system (4×50 MW) and in same way total compensation worked out for the cost of supply & fabrication of 32.611 MT stands at **₹.1,16,59,654.00** only including GST.

The work was carried out for variation under:

No.	Description	Estimated Amt (Wothout GST)	Remarks
1	As per work order no. (NEEPCO/KHEP/C&P©/F-05/Kopili P.S/2021-22/4070 dtd. 17.12.202	27246178.07	
2	As per Revised work order no. (NEEPCO/KHPS/C&P©/F-05/2022-23/5446 dtd. 09.01.2023)	37677604.22	
3	Total Revised Contract Value of Work= (1+2)	64923782.29	(A)

4	Total value of work done as per work order no. 1 & 2	43849939.44	
5	Additional works proposed to be incorporated	3372426.58	Approval is pending
6	Proposed Amount to be compensated to M/S PES	**9881062.617**	
7	Total revised work done amount= (4+5+6)	57103428.64	(B)
8	Difference of (B-A) =	-7820353.658	
9	Deviation in %	-12.05%	Negative deviation

Variation during post award execution of the work due to scope/ Quantity computed above is stand at -12%. Since the Variation computed on Note 001 is different with Finance the concerned wing may please verified before finalization. Finance is agreed as proposed subject to the approval from Competent authority.

The proposal may be regulated as per in terms of Cl. 15(a) or 15(b) and forward the proposal along with the deviation statement for further processing of the proposal.

Submitted please.

ID: 023
Noted By: Dinesh Inrugbam
Noted On: 01/01/2025 Time : 17:47:04

Forwarded To : Chandra Prasad Saikia

The proposal is concurred by site finance for release of required payment may be regulated as per in terms of Cl. 15(a) or 15(b) and forward the proposal along with the deviation statement for further processing of the proposal.

ID: 024
Noted By: Chandra Prasad Saikia
Noted On: 04/01/2025 Time : 10:28:29

Forwarded To : Utpal Borah

Trailing note.

Please review and put up.

ID: 025
Noted By: Utpal Borah
Noted On: 06/01/2025 Time : 13:11:46

Forwarded To : Shashank Singh

Trailing notes pl.

As desired by DGM(E/M), C&P, the final deviation statement is attached and following points are highlighted for needful pl.

1. M/s PES was awarded the work of "**"Repair of Hydro-Mechanical components under R&M of Khandong power station (2×23MW), Dist-Dima Hasao, Assam" vide** Work order no. NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S./2021-22/4070 dated 17/12/2021 (refer pg. 27 of "notesheet" in the attachments) with a contract sum of Rs. 2,72,46,178.00 excluding GST.
2. The extra work of **"Conduction of Ultrasonic testing on Trash rack guide channels of Khandong Intake and its enabling works like arranging winch, working platform etc."** executed **as per the requirement of D&E wing**, was approved vide U.O No. 532 dtd 17.05.2022 O/o HoP and revised W.O No.NEEPCO/KHEP/C&P(C)/F-05/KopiliP.S./2022-23/567 dated 26/05/2022 (refer pg. 28 of "notesheet" in the attachments) was issued subsequently by C&P, KHPS with a revised contract value of **Rs. 2,73,43,170.00** excluding GST.
3. After the visit of D&E team on 8th & 9th Feb'2022 and as per the Inspection Report (report enclosed) submitted by them, the scope of the work was again revised and additional extra item (Extra item no 3 to 11) were added in the scope and the approval for the same was granted vide U.O No. 4800 dtd 06.01.2023 O/o HoP and approval was conveyed vide C&P Letter no. NEEPCO/KHPS/C&P(C)/F-05/2022-23/5446 dtd. 09.01.2023 (refer pg. 32 of "notesheet" in the attachments)

4. Further, as per the site requirement Extra item No 12 to 16 were executed and Technical approval and approval for change order was accorded by ED(O&M) & D(T) respectively vide **FLM Note Sheet/CW/HSM - I/T-104/68/KHEP/25.07.2023/2023** (FLM file enclosed) at Note 71 & 73 dtd 04.04.2024
5. Now, vide this proposal DGM(C) at initiating Note#001 had sought approval for regularization of compensation to the contractor for extra quantity of material supplied and fabricated in line with the commitment given to the contractor as per the MoM dtd. 15.11.2021 (refer pg.no 17 of "notesheet" in the attachments) with a total financial implication of **₹ 9881062.617 excluding GST** (refer initiating note for calculation)
6. In view of the above, the final deviation may be regularized under Clause 15(b) Sec-I of DoP (for contract awarded from site) which stated that **"When the value of works executed exceeds the contract sum, the variation shall be computed as a percentage of the aggregate value of works executed (BOQ, extra/ substituted items) in excess of contract sum w.r.t the original contract sum"** and the variation as per above clause is shown as under (all values are excluding GST)

i. BoQ(Original contract sum)- Rs 2,72,46,178.00

ii. Value of work executed for BoQ items- Rs 39,10,858.34

iii. Value of work executed for extra items- Rs 4,97,70,749.75

iv. Aggregate value of works executed (BOQ, extra/ substituted items) ii+iii - Rs 5,36,81,608.09

v. Aggregate value of work executed in excess of contract sum(iv-i)- Rs 2,64,35,430.03

vi.% Deviation (v/i*100)- **97.02** %

7. Thus, the final % deviation as per the Clause 15(b), Sec-I of DoP comes out to be **97.02** % for which full power for Technical Approval is vested with ED(O&M) for variation beyond 25% of contract value and full power for approval of issue of change order is vested with D(T) for variation beyond 20% of the contract value.

Submitted pl.

Final_deviation_statement

D&E_Inspection_Report

ID: 026
Noted By: Shashank Singh
Noted On: 09/01/2025 Time : 11:42:33

Forwarded To : Partha Protim Neog
Attachments : Final_deviation_statement**; Uploaded on :**16/01/2025 10:54:42
Attachments :D&E_Inspection_Report**; Uploaded on :**10/01/2025 11:27:09

The trailing notes may kindly be seen.

There was change in scope of the instant work with the original WO due to the site condition and as per the recommendation of D&E Wing. The details of the approvals accorded in this regard has been recorded at trailing note #0026.

The details bifurcation of the works as per actual execution has been recorded below: -

i. BoQ(Original contract sum)= Rs 2,72,46,178.00

ii. Value of work executed for BoQ items= Rs 39,10,858.34

iii. Value of work executed for extra items- Rs 4,97,70,749.75

iv. Aggregate value of works executed (BOQ, extra/ substituted items) (ii+iii) = Rs 5,36,81,608.09

v. Aggregate value of work executed in excess of contract sum(iv-i) = Rs 2,64,35,430.03

vi.% Deviation (v/i*100)= (+) 97.02 %

Therefore, the final % deviation as per the **Clause 15(b), Sec-I of DoP arrives at (+) 97.02 % for which full power for Technical Approval is vested with ED(O&M) and full power for approval of issue of change order is vested with D(T).**

In this regard it is pertinent to be mentioned that there is a discrepancy in the noting at trailing note #0023 where the deviation has been recorded as (-) 12.05% which need to be rectified.

Submitted for onward forwarding to F&A Wing for rectification of the deviation percentage.

`

ID: 027
Noted By: Partha Protim Neog
Noted On: 24/01/2025 Time : 16:47:08

Forwarded To : Utpal Borah

Kindly refer to the trailing note of Manager(C) at ID 0026 & others pl.

Ref.: - 1) Work order no. NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S./2021-22/4070 dated 17/12/2021

2) Work order no. NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S./2022-23/5446 dated 09/01/2023

3) U.No. 963 dated 18/08/2023, O/o The General manager, HOP, KHEP, Umrongso

4) M/S PES letter no. PESEPL/KHEP/PS/2023/186 dated

There was a change in scope in the extant contract at elaborated in the notes of Manager © at Sl. no. 3&4 during execution with the original scope as per site condition which had the recommendations of the D&E Wing. The details of the approvals accorded in this regard has been recorded at trailing note at ID0026.

The detail of the works as per actual execution -

i. The BoQ amount (Original contract sum) is Rs. 2,72,46,178.00

ii. The Value of work executed for BoQ items is Rs. 39,10,858.34

iii. The Value of work executed for extra items is Rs. 4,97,70,749.75

iv. The Aggregate value of works executed (BOQ, extra/substituted items) i.e. (ii+iii)
is Rs. 5,36,81,608.09

v. The Aggregate value of work executed in excess of contract sum(iv-i)
is Rs. 2,64,35,430.03

vi. ***% Deviation (v/i*100) = (+) 97.02 %***

Therefore, the final % deviation as per the Clause 15(b), Sec-I of DoP arrives at (+) 97.02 % for which full power for Technical Approval is vested with ED(O&M) and full power for approval of issue of change order is vested with D(T).

It is recommended to obtain technical approval of the competent authority and subsequently approval for change order for regularisation of the said work. Views of site finance may please be obtained.

Put up for kind perusal and approval.

ID: 028
Noted By: Utpal Borah

Noted On: 03/02/2025 Time : 00:41:28

Forwarded To : Susanta Deka

Preceding notes may be seen.

For further needful please.

ID: 029
Noted By: Susanta Deka
Noted On: 03/02/2025 Time : 12:32:46

Forwarded To : Chandra Prasad Saikia

Please examine and put up.

ID: 030
Noted By: Chandra Prasad Saikia
Noted On: 03/02/2025 Time : 12:46:48

Forwarded To : Biswajit Sinha

Trailing notes may please be seen.

The proposal duly recommended by GM(C), HSM, seeking approval for ***"Payment for procurement of extra quantity of material (fabricated stainless-steel plates)"*** by M/S PES against the work **"Repair of Hydro-Mechanical components under R&M of Khandong Power Station (2×23MW), Dist-Dima Hasao, Assam"** being executed by M/S PES (vide Agreement No. NEEPCO/KHPS/C&P(C)/F-06/2022-2023/114, Dt. 07.07.2022 & Work order no. NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S./2021-22/4070 dated 17/12/2021) , involves the following:

1. In the meeting taken by ED (O&M) in presence of ED(D&E), HOP, KHPS, other D&E officials and representatives of M/s PES on 15.11.2021 pertaining to "Repair of HM Components (Gates) under R&M of Khandong Power Station (2 X 25 MW)" under Sl No:2 of the MOM (**Ref:P-17 of the attached note sheet**) it was decided as under:

   "*It has been decided that the preliminary design of embedded Parts shall be done on the basis of information available in the Technical Specification and procurement of materials by M/s PES shall be done on the basis of the same. However, final design & fabrication drawings shall be prepared after necessary exposure of smaller portion of the embedded parts through breaking of concrete. There is likelihood of excess procurement, since it will be based on tender documents without actual measurement for the for the interest of work. The excess quantity if any shall be taken into the account of the Corporation and the contractor shall be compensated suitably"*

2. Subsequently, the contractor M/S PES procured 66.149 MT of Stainless-Steel Plates for 2nd stage embedded parts of gates for execution of the work.

3. And out of the 66.149 MT of Stainless-Steel Plates procured 36.332 MT remained un-utilised. Now M/s PES has claimed compensation for the excess quantity of 32.611 MT of Stainless-Steel Plates procured by them. The same has already been taken into NEEPCO's account.

4. HOP vide U.O No: 963, dtd 18.08.2023 of o/o HOP has agreed in-principal to the proposal for payment against the excess procured material by M/S PES.

5. Payment was made to M/s PES under the above refered work orders as per SoP (Schedule of Payment) accepted pertaining to the work **"Design, Fabrication, Supply, Erection, Testing & Commissioning of Penstock and Steel In-Liners in Umrong System of Kopili Hydro Electric Project (275 MW), Dist-Dima Hasao, Assam"** (vide W.O No.NEEPCO/QP/ED/C&P/F/C/KHEP(Restn)-546/Vol-I/2020-21/1878, dtd. 13.11.2020 and Agreement No. NEEPCO/QP/ED(C&P)/R/C/KHEP(Restn)-666/2020-21, dtd. 28.01.2021) as indicated below:

Sl. No.	Description	% of BOQ Rate	Remarks
1	Milestone- A	50%	For Supply of Material
2	Milestone-B	20%	For Fabrication of Material
		i) 75% of 20%	For completion of Fabrication
		ii) 25% of 20%	For testing of Fabricated material
3	Milestone-C	20%	For erection of Fabricated material
4	Milestone-D	10%	For commissioning & Trial run of Penstock & in liner.

and in same way total compensation worked out for the cost of supply & fabrication of 32.611 MT stands at **₹ 98,81,063.00** (Rupees Ninety Eight Lakh Eighty One Thousand Sixty Three) only excluding GST as indicated in the FLM Note 001.

6. As the value of work executed exceeded the original contract sum the variation in terms of Clause 15(b), Sec-I of DOP is indicated as below:

Sl. No.	Details	Amount excluding GST (INR)	Remarks
1	Original Contract sum	2,72,46,178.00	
2	Total value of works executed (BOQ) as on date	39,10,858.00	(Ref: Final deviation statement dtd. 24.02.2025)
3	Total value of works executed (Extra/Substituted items) as on date	4,97,70,750.00	(Ref: Final deviation statement dtd. 24.02.2025)
4	Total value of works executed (BOQ, Extra/Substituted items) as on date (2+3)	5,36,81,608.00	(Ref: Final deviation statement dtd. 24.02.2025)
5	Value of works executed (BOQ, Extra/Substituted items) in excess of contract	2,64,35,430.00	(Ref:Final deviation

	sum (4-1)		statement dtd. 24.02.2025)
6	Variance (Till date) during post-award execution of work over original contract sum (Ref: Cl:15(b), Sec-I of DOP	**(+) 97.02%**	

D(T) is empowered to accord technical approval for the instant proposal in consultation with D&E in terms of Cl.No.15.1, Sec-I of DOP.
The proposal may be forwarded to finance for further scrutiny and concurrence.

ID: 031
Noted By: Biswajit Sinha
Noted On: 24/02/2025 Time : 11:24:00

Forwarded To : Chandra Prasad Saikia
Attachments : Finaldeviation_24.02.2025**; Uploaded on :**24/02/2025 10:57:53

Preceding notes may please be seen.
The proposal duly recommended by CGM(C), HSM, seeking approval for ***"Payment for procurement of extra quantity of material (fabricated stainless-steel plates)"*** by M/S PES against the work **"Repair of Hydro-Mechanical components under R&M of Khandong Power Station (2×23MW), Dist-Dima Hasao, Assam"** being executed by M/S PES (vide Agreement No. NEEPCO/KHPS/C&P(C)/F-06/2022-2023/114, Dt. 07.07.2022 & Work Order No. NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S./2021-22/4070 dated 17/12/2021) have been evaluated at C7p and notes of Sr.M.(C), C&P at work flo:031 may be seen.

The proposal is forwarded for further scrutiny and concurrence.

ID: 032
Noted By: Chandra Prasad Saikia
Noted On: 24/02/2025 Time : 12:03:43

Forwarded To : Dinesh Inrugbam

Note on pre page workflow 23 & may please be seen

Proposal seeks approval for the regularization of extra material (stainless-steel plates) procured by M/s PES for the "Repair of Hydro-Mechanical components" at Khandong Power Station. M/s PES procured 66.149 MT of stainless-steel plates, of which 36.332 MT remained unused, and they are now claiming compensation for the excess 32.611 MT. Total compensation worked out for the cost of supply & fabrication of 32.611 MT stands at **₹ 98,81,063.00** (Rupees Ninety Eight Lakh Eighty One Thousand Sixty Three) only excluding GST as indicated in the FLM Note 001.

Rectified deviation statement for work executed exceeded the original contract sum the variation in terms of Clause 15(b), Sec-I of DOP is indicated as below:

Sl. No.	Details	Amount excluding GST (INR)	Remarks
1	Original Contract sum	2,72,46,178.00	
2	Total value of works executed (BOQ) as on date	39,10,858.00	
3	Total value of works executed (Extra/Substituted items) as on date	4,97,70,750.00	
4	Total value of works executed (BOQ, Extra/Substituted items) as on date (2+3)	4,38,00,545	

		98,81,063	Extra Item Yet to be approved
5	Value of works executed (BOQ, Extra/Substituted items) in excess of contract sum (4-1)	2,64,35,430.00	
6	Variance (Till date) during post-award execution of work over original contract sum (Ref: Cl:15(b), Sec-I of DOP	(+) 97.02%	

The total value of works executed has exceeded the original contract sum by ₹2,64,35,430.00, representing a 97.02% increase.

Finance is agreed as proposed to regularized the work order subject to the approval from Competent authority as per in terms of Cl. 15.1 D(T) is empowered to accord technical approval for the instant proposal in consultation with D&E in terms of Cl.No.15.1, Sec-I of DOP.

ID: 033
Noted By: Dinesh Inrugbam
Noted On: 04/04/2025 Time : 12:19:29

Forwarded To : Chandra Prasad Saikia

Based on the trailing notes , please put up a note for further processing for obtaining approval.

ID: 034
Noted By: Chandra Prasad Saikia
Noted On: 04/04/2025 Time : 13:08:28

Forwarded To : Biswajit Sinha

Trailing notes may please be seen.

The proposal duly recommended by GM(C), HSM, seeking approval for ***"Payment for procurement of extra quantity of material (fabricated stainless-steel plates)"*** by M/S PES against the work **"Repair of Hydro-Mechanical components under R&M of Khandong Power Station (2×23MW), Dist-Dima Hasao, Assam"** being executed by M/S PES (vide Agreement No. NEEPCO/KHPS/C&P(C)/F-06/2022-2023/114, Dt. 07.07.2022 & Work order no. NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S./2021-22/4070 dated 17/12/2021) , involves the following:

1. In the meeting taken by ED (O&M) in presence of ED(D&E), HOP, KHPS, other D&E officials and representatives of M/s PES on 15.11.2021 pertaining to "Repair of HM Components (Gates) under R&M of Khandong Power Station (2 X 25 MW)" under Sl No:2 of the MOM (**Ref:P-17 of the attached note sheet**) it was decided as under:

> "*It has been decided that the preliminary design of embedded Parts shall be done on the basis of information available in the Technical Specification and procurement of materials by M/s PES shall be done on the basis of the same. However, final design & fabrication drawings shall be prepared after necessary exposure of smaller portion of the embedded parts through breaking of concrete. There is likelihood of excess procurement, since it will be based on tender documents without actual measerment for the for the interest of work. The excess quantity if any shall be taken into the account of the Corporation and the contractor shall be compensated suitably"*

2. Subsequently, the contractor M/S PES procured 66.149 MT of Stainless-Steel Plates for 2nd stage embedded parts of gates for execution of the work.

3. And out of the 66.149 MT of Stainless-Steel Plates procured 36.332 MT remained un-utilised. Now M/s PES has claimed compensation for the excess quantity of 32.611 MT of Stainless-Steel Plates procured by them. The same has already been taken into NEEPCO's account.

4. HOP vide U.O No: 963, dtd 18.08.2023 of o/o HOP has agreed in-principal to the proposal for payment against the excess procured material by M/S PES.

5. Payment was made to M/s PES under the above referred work orders as per SoP (Schedule of Payment) accepted pertaining to the work **"Design, Fabrication, Supply, Erection, Testing & Commissioning of Penstock and Steel In-Liners in Umrong System of Kopili Hydro Electric Project (275 MW), Dist-Dima Hasao, Assam"** (vide W.O No. NEEPCO/QP/ED/C&P/F/C/KHEP(Restn)-546/Vol-I/2020-21/1878, dtd. 13.11.2020 and Agreement No. NEEPCO/QP/ED(C&P)/R/C/KHEP(Restn)-666/2020-21, dtd. 28.01.2021) as indicated below:

Sl. No.	Description	% of BOQ Rate	Remarks
1	Milestone- A	50%	For Supply of Material
2	Milestone-B	20%	For Fabrication of Material
		i) 75% of 20%	For completion of Fabrication
		ii) 25% of 20%	For testing of Fabricated material
3	Milestone-C	20%	For erection of Fabricated material
4	Milestone-D	10%	For commissioning & Trial run of Penstock & in liner.

and in same way total compensation worked out for the cost of supply & fabrication of 32.611 MT stands at **₹ 98,81,063.00** (Rupees Ninety Eight Lakh Eighty One Thousand Sixty Three) only excluding GST as indicated in the FLM Note 001.

6. As the value of work executed exceeded the original contract sum the variation in terms of Clause 15(b), Sec-I of DOP is indicated as below:

Sl. No.	Details	Amount excluding GST (INR)	Remarks
1	Original Contract sum	2,72,46,178.00	
2	Total value of works executed (BOQ) as on date	39,10,858.00	(Ref:Final deviation statement dtd. 24.02.2025)
3	Total value of works executed (Extra/Substituted items) as on date	4,97,70,750.00	(Ref:Final deviation

			statement dtd. 24.02.2025)
4	Total value of works executed (BOQ, Extra/Substituted items) as on date (2+3)	5,36,81,608.00	(Ref:Final deviation statement dtd. 24.02.2025)
5	Value of works executed (BOQ, Extra/Substituted items) in excess of contract sum (4-1)	2,64,35,430.00	(Ref:Final deviation statement dtd. 24.02.2025)
6	Variance (Till date) during post-award execution of work over original contract sum (Ref: Cl:15.b, Sec-I of DOP)	**(+) 97.02%**	

Finance concurrence is obtained at workflow:0033.

The instant proposal shall require the following approvals:

i. Technical approval of ED(O&M) in consultation with D&E in terms of Cl.No.15.1, Sec-I of DOP.
ii. Approval of D(T) for issue of change order in terms of Cl:15.2, Sec-I of DOP.

Put up for perusal and further needful please.

ID: 035
Noted By: Biswajit Sinha
Noted On: 04/04/2025 Time : 17:26:55

Forwarded To : Chandra Prasad Saikia

Submission of the proposal from C&P, KHPS at note no. 0035 may please be seen.

Based on the evaluation, proposal is found to be considerable for obtaining approval of Competent authority for issue of change order in terms of Cl:15.2, Sec-I of DOP wherein DT is empowered to grant approval.

With due recommendation of HOP, KHPS proposal may be forwarded to ED(O&M) for obtaining approval Competent Authority please.

ID: 036
Noted By: Chandra Prasad Saikia
Noted On: 07/04/2025 Time : 11:23:42

Forwarded To : Susanta Deka

कृपया पूर्ववर्ती नोट्स देखें,

The proposal duly recommended by GM(C), HSM, seeking approval for "Payment for procurement of extra quantity of material (fabricated stainless-steel plates)" by M/S PES against the work **"Repair of Hydro-Mechanical components under R&M of Khandong Power Station (2×23MW), Dist- Dima Hasao, Assam"** being executed by M/S PES (vide Agreement No. NEEPCO/ KHPS/ C&P(C) /F-06/2022-2023/114, Dt. 07.07.2022 & Work order no. NEEPCO/ KHEP/C&P(C)/F-05/Kopili P.S./2021-22/4070 dated 17/12/2021), the following are relevant:

1. In the meeting taken by ED (O&M) in presence of ED(D&E), HOP, KHPS, other D&E officials and representatives of M/s PES on 15.11.2021 pertaining to "Repair of HM Components (Gates) under

R&M of Khandong Power Station (2 X 25 MW)" under Sl No:2 of the MOM (**Ref:P-17 of the attached note sheet**) it was decided as under:

"*It has been decided that the preliminary design of embedded Parts shall be done on the basis of information available in the Technical Specification and procurement of materials by M/s PES shall be done on the basis of the same. However, final design & fabrication drawings shall be prepared after necessary exposure of smaller portion of the embedded parts through breaking of concrete. There is likelihood of excess procurement, since it will be based on tender documents without actual measurement for the for the interest of work. The excess quantity if any shall be taken into the account of the Corporation and the contractor shall be compensated suitably"*

2. Subsequently, the contractor M/S PES procured 66.149 MT of Stainless-Steel Plates for 2nd stage embedded parts of gates for execution of the work.

3. And out of the 66.149 MT of Stainless-Steel Plates procured 36.332 MT remained un-utilised. Now M/s PES has claimed compensation for the excess quantity of 32.611 MT of Stainless-Steel Plates procured by them. The same has already been taken into NEEPCO's account.

4. Vide U.O No: 963, dtd 18.08.2023 of o/o HOP in-principal approval was accorded to the proposal for payment against the excess procured material by M/s PES, by the the then HoP.

5. Payment was made to M/s PES under the above referred work orders as per SoP (Schedule of Payment) accepted pertaining to the work "Design, Fabrication, Supply, Erection, Testing & Commissioning of Penstock and Steel In-Liners in Umrong System of Kopili Hydro Electric Project (275 MW), Dist-Dima Hasao, Assam" (vide W.O No. NEEPCO/QP/ ED/C&P /F/C/KHEP(Restn)-546/Vol-I/2020-21/1878, dtd. 13.11.2020 and Agreement No. NEEPCO/ QP/ ED(C&P) /R/C/KHEP (Restn)-666/2020-21, dtd. 28.01.2021) as indicated below:

Sl. No.	Description	% of BOQ Rate	Remarks
1	Milestone- A	50%	For Supply of Material
2	Milestone-B	20%	For Fabrication of Material
		i) 75% of 20%	For completion of Fabrication
		ii) 25% of 20%	For testing of Fabricated material
3	Milestone-C	20%	For erection of Fabricated material
4	Milestone-D	10%	For commissioning & Trial run of Penstock & in liner.

and in same way total compensation worked out for the cost of supply & fabrication of 32.611 MT stands at **₹ 98,81,063.00** (Rupees Ninety Eight Lakh Eighty One Thousand Sixty Three) only excluding GST as indicated in the FLM Note 001.

6. As the value of work executed exceeded the original contract sum the variation in terms of Clause 15(b), Sec-I of DOP is workout to be **(+) 97.02%** which has been detailed at workflow # 0031 #0032.

The proposal after detail examination by the C&P had recommended for finance concurrence vide note at workflow #0032. With Finance concurrence recorded at at workflow #0033, the C&P KHPS at workflow #0036 has recommended for approval as below:

i. Technical approval of ED(O&M) in consultation with D&E in terms of Cl.No.15.1, Sec-I of DOP.
ii. Approval of D(T) for issue of change order in terms of Cl:15.2, Sec-I of DOP.

In view of the above the proposal as brought out is recommended for approval.

Put up for favour of kind perusal and further needful please.

ID: 037
Noted By: Susanta Deka
Noted On: 07/04/2025 Time : 13:56:33

Forwarded To : Bijit Kr. Goswami

May please be seen.

ID: 038
Noted By: Bijit Kr. Goswami
Noted On: 09/04/2025 Time : 12:22:14

Forwarded To : Joypal Roy

Trailing FLM and attachments please be seen.

Please examine and put up the proposal.

ID: 039
Noted By: Joypal Roy
Noted On: 16/04/2025 Time : 11:40:23

Forwarded To : Bipul Das

The trailing FLM notes may kindly be referred.

The instant proposal is approval for "Payment for procurement of extra quantity of material (fabricated stainless-steel plates)" and Final Deviation by M/S PES against the work **"Repair of Hydro-Mechanical components under R&M of Khandong Power Station (2×23MW), Dist- Dima Hasao, Assam".**

Background of the proposal are as below:

1. Work order details are (Copy attached at Note sheet uploaded by FLM note #001):
    a. NEEPCO/KHEP/C&P (C)/F-05/Kopili P.S./2021-22/4070, Dtd 17-12-2021.
    b. Revised Work Order: NEEPCO/KHPS/C&P(C)/F-05/Kopili PS/2022-23/567/26-05-22.
    c. Approval of Extra Items thereof: NEEPCO/KHPS/C&P(C)/F-05/2022-23/5446, Dtd 09-01-2023.

2. It is noted that in the meeting on 15.11.2021 pertaining to "Repair of HM Components (Gates) under R&M of Khandong Power Station (2 X 25 MW)" under Sl No:2 of the MOM (**Ref:P-17 of the attached note sheet of FLM note # 001**), it was decided as under:

    It has been decided that the preliminary design of embedded Parts shall be done on the basis of information available in the Technical Specification and procurement of materials by M/s PES shall be done on the basis of the same. However, final design & fabrication drawings shall be prepared after necessary exposure of smaller portion of the embedded parts through breaking of concrete. There is likelihood of excess procurement, since it will be based on tender documents without actual measurement for the for the interest of work. The excess quantity if any shall be taken into the account of the Corporation and the contractor shall be compensated suitably"

3. In the trailing FLM workflow, t is noted that the contractor M/S PES procured 66.149 MT of Stainless-Steel Plates for 2nd stage embedded parts of gates for execution of the work. And out of the 66.149 MT of Stainless-Steel Plates procured, 36.332 MT remained un-utilised. Now M/s PES has claimed compensation for the excess quantity of 32.611 MT of Stainless-Steel Plates procured by them (**Refer FLM note # 001 & attached Note sheet of FLM note #001**).

    It is noted at notesheet attached herewith that the Vide U.O No: 963, dtd 18.08.2023 of o/o HOP in-principal approval was accorded to the proposal for payment against the excess procured material by M/s PES, by the then HoP.

4. Final deviation statement (refer FLM notes & attached Deviation Sheet) as for work executed exceeded the original contract sum is indicated as below:

Sl. No.	Details	Amount excluding GST (INR)	Remarks
1	Original Contract sum	2,72,46,178.00	
2	Total value of works executed (BOQ) as on date	39,10,858.00	
3	Total value of works executed (Extra/Substituted items) as on date	4,97,70,750.00	
4	Total value of works executed (BOQ, Extra/Substituted items) as on date (2+3)	4,38,00,545	
		98,81,063	Extra Item Yet to be approved
	TOTAL=	**5,36,81,608.00**	
5	Value of works executed (BOQ, Extra/Substituted items) in excess of contract sum (4-1)	2,64,35,430.00	
6	Variance (Till date) during post-award execution of work over original contract sum.	(+) 97.02%	

Total compensation worked out for the cost of supply & fabrication of 32.611 MT stands at **₹ 98,81,063.00** (Rupees Ninety-Eight Lakh Eighty-One Thousand Sixty-Three) only excluding GST as indicated in the FLM Note 001.

The total value of works executed has exceeded the original contract sum by ₹2,64,35,430.00, representing a 97.02% increase.

5. The proposal has been recommended by HoP at FLM note # 0037 and agreed at Site Finance FLM note # 0033.
6. The instant proposal shall require the following approvals:
    a. Technical approval of ED(O&M) in consultation with D&E in terms of Cl.No.15.1, Sec-I of DOP.
    b. Approval of D(T) for issue of change order in terms of Cl:15.2, Sec-I of DOP.

The proposal is to be routed through Corporate Finance & D&E Department for concurrence & technical clearance respectively prior to obtaining approval from Competent Authority.

Submitted for kind perusal please.

ID: 040
Noted By: Bipul Das
Noted On: 22/04/2025 Time : 13:07:15

Forwarded To : Joypal Roy

Trailing FLM notes and attachments may kindly be referred.
The instant proposal pertains to approval for "Payment for procurement of extra quantity of material (fabricated stainless-steel plates) and Final Deviation against the work Repair of Hydro-Mechanical components under R&M of Khandong Power Station (2×23MW), Dist. Dima Hasao, Assam" executed by M/s PES Engineers Pvt. Ltd. vide W.O. No. NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S./2021-22/4070, Dtd. 17.12.2021 & Work Order: NEEPCO/KHPS/C&P(C)/F-05/Kopili PS/2022-23/546 dtd. 09.01.2023. (detailed attached as note sheet in current section, however, deviation statement shown in the note sheet is not correct).

As per MOM of the meeting dtd. 15.11.2021(Page No. 17 of the attached note sheet of current section), it was decided as follows:

1. The preliminary design of embedded Parts shall be done on the basis of information available in the Technical Specification and procurement of materials by M/s PES shall be done on the basis of the same. However, final design & fabrication drawings shall be prepared after necessary exposure of smaller portion of the embedded parts through breaking of concrete. There is likelihood of excess procurement, since it will be based on tender documents without actual measurement for the for the interest of work. The excess quantity if any shall be taken into the account of the Corporation and the contractor shall be compensated suitably.
2. Subsequently, the contractor M/s PES procured 66.149 MT of Stainless-Steel Plates for 2nd stage embedded parts of gates for execution of the work.
3. Out of the 66.149 MT of Stainless-Steel Plates procured, 36.332 MT remained un-utilised. M/s PES has claimed compensation for the excess quantity of 32.611 MT of Stainless-Steel Plates procured by them. The same has already been taken into NEEPCO's account.
4. Vide U.O No: 963, dtd. 18.08.2023 of o/o HOP in-principal approval was accorded to the proposal for payment against the excess procured material by M/s PES, by the HoP.

Total compensation worked out for the cost of supply & fabrication of 32.611 MT stands at Rs. 98,81,063.00 (Rupees Ninety-Eight Lakh Eighty-One Thousand Sixty-Three) only excluding GST as indicated in the trailing notes.

Deviations and extra works:

Summary:

1. Original Contract sum Rs. 2,72,46,178/
2. Total value of the executed works (BOQ) Rs. 39,10,858/
3. Total value of works executed (Extra/Substituted items) as on Rs. 4,97,70,750/
4. (i) Total value of works executed (BOQ, Extra/Substituted items) as on date (2+3) Rs. 4,38,00,545/
   (ii) Approval of extra items yet to be received Rs. 98,81,063/
   (iii)Total = Rs. 5,36,81,608/
5. Value of works executed (BOQ, Extra/substituted items) in excess of contract sum (4-1) Rs. 2,64,35,430/
6. Variance during post-award execution of work over original contract sum **+97.02%**

Thus, the proposal needs modification in terms of contract and HOP: KHPS has recommended for obtaining the following approvals after obtaining site finance concurrence:

1. Technical Clearance and Approval: In terms of Cl-15.1, Section-I of DOP, ED(O&M) is empowered for technical approval for the instant proposal after obtaining technical clearance from D&E in terms of Clause no. 15 of Section-I of DOP.
2. Approval for change in order based on technical approval: Since the variation is +97.02% for the instant proposal, in terms of Cl-15.2, Sec-I of DOP, it is within the delegated power of Director (Technical).

In view of the above, following actions to be taken:

1. The proposal may kindly be forwarded to ED:D&E for obtaining Technical Clearance.
2. On obtaining "Technical Clearance" from ED:D&E Technical Approval may kindly be accorded by ED(O&M).
3. The proposal then kindly be routed through Corporate Finance and on obtaining concurrence, the same may kindly be recommended to the Director (Technical) for according approval to issue of change in order.

Submitted for kind perusal please.

ID: 041
Noted By: Joypal Roy
Noted On: 22/04/2025 Time : 15:22:59

Forwarded To : Bijit Kr. Goswami

Trailing notes are referred.

The subject proposal is endorsed for examination at D&E department, and Technical Clearance please.

ID: 042
Noted By: Bijit Kr. Goswami
Noted On: 22/04/2025 Time : 21:33:05

Forwarded To : Siddhartha Sankar Adhikari

For needful please

ID: 043
Noted By: Siddhartha Sankar Adhikari
Noted On: 23/04/2025 Time : 14:48:11

Forwarded To : Sitangshu Dhar

For needful please.

ID: 044
Noted By: Sitangshu Dhar
Noted On: 23/04/2025 Time : 17:37:27

Forwarded To : Sujeet Kumar Jha

The instant proposal pertains to approval for payment towards procurement of excess quantity of fabricated stainless-steel plates and the final deviation related to the work of “Repair of Hydro-Mechanical components under R&M of Khandong Power Station (2×23MW), Dist. Dima Hasao, Assam,” executed by M/s PES Engineers Pvt. Ltd.

The reasons for deviation are recorded in the trailing FLM notes and proposal has been recommended for approval by the HoP, KHPS.

The proposal has been examined and found to be technically in order. It may be noted that financial and contractual aspect of the proposal is not examined at this end.

The proposal may be recommended for technical clearance from D&E for technical approval of the proposal by the Competent Authority.

Submitted for kind perusal and furher needful please.

ID: 045
Noted By: Sujeet Kumar Jha
Noted On: 04/05/2025 Time : 22:15:31

Forwarded To : Sitangshu Dhar

Recommended for technical clearance please.

ID: 046
Noted By: Sitangshu Dhar
Noted On: 06/05/2025 Time : 14:41:30

Forwarded To : Siddhartha Sankar Adhikari

Technical clearance accorded please.

ID: 047
Noted By: Siddhartha Sankar Adhikari
Noted On: 07/05/2025 Time : 15:08:15

Forwarded To : Bijit Kr. Goswami

On receipt of Technical Clearance, Technical Approval on the proposal is hereby accorded.

Further, the proposal for issue of change order is recommended for examination and concurrence of finance department, please.

ID: 048
Noted By: Bijit Kr. Goswami
Noted On: 07/05/2025 Time : 15:52:40

Forwarded To : Dwijen Kumar

Please vet.

ID: 049
Noted By: Dwijen Kumar
Noted On: 07/05/2025 Time : 19:52:47

Forwarded To : Pranab Jyoti Mazumdar

Please examine.

GM(F),Concurrence.

ID: 050
Noted By: Pranab Jyoti Mazumdar
Noted On: 08/05/2025 Time : 10:21:10

Forwarded To : Rahul Kumar Gohar

Notes from prenotes:-

It has been recorded in prenotes workflow 0035 that excess quantity material of 32.611 MT of Stainless-Steel Plates has already taken into the NEEPCO' s account. In view of the same approval/notesheet in respect of taking the material into NEEPCO's account shall be required.

Further, copies of accounting entry, if any, made in respect of above shall also be required as accounting enties must be consisted of any vendor liability/ GR/IR provision.

In view of above, proposal is submitted for further needful pls.

GM(Fin.), Concurrence Manager(Fin.), Concurrence

ID: 051
Noted By: Rahul Kumar Gohar
Noted On: 19/05/2025 Time : 20:42:18

Forwarded To : Pranab Jyoti Mazumdar

Notes on preflows and attachment may kindly be seen.

Necessary approval for taking the excess fabricated Materials in NEEPCO Accounts as well as necessary treatment in Store or whatsoever along with the accounting entries may be attached for further scrutiny.

Submitted please.

GM(F),Concurrence.

ID: 052
Noted By: Pranab Jyoti Mazumdar
Noted On: 20/05/2025 Time : 11:37:27

Forwarded To : Bijit Kr. Goswami

Needful action, as suggested by finance department, may please be taken and the matter be placed for finance concurrence, please.

ID: 053
Noted By: Bijit Kr. Goswami
Noted On: 20/05/2025 Time : 13:42:11

Forwarded To : Ashim jyoti Bordoloi

Referring to the trailing notes, as desired by HQ Finance at note 0051 & 0052, documents of accounting entries (if any or related documents/ justification etc) to be attached with required briefing at notes.

For needful please.

CGM,HSM,KHPS CGM,HOP,KHPS

ID: 054
Noted By: Ashim jyoti Bordoloi
Noted On: 21/05/2025 Time : 13:53:51

Forwarded To : Utpal Borah

Trailing note please.

Necessary documents as suggested by Finance ,HQ may be furnished.

ID: 055
Noted By: Utpal Borah
Noted On: 22/05/2025 Time : 13:06:38

Forwarded To : Partha Protim Neog

The trailing notes may kindly be seen.

Please attend the observation of the Finance Wing, HQ as recorded at trailing notes #0051 & #0052

ID: 056
Noted By: Partha Protim Neog
Noted On: 24/05/2025 Time : 10:39:07

Forwarded To : Shashank Singh

Trailing notes pl.

With reference to the observation's at workflow 0051 & 0052, following documents available in this office are attached for further needful please.

1. Copy of MoM dtd. 15.11.2021 (**Annex_I**) wherein it was recorded as under

"*It has been decided that the preliminary design of embedded Parts shall be done on the basis of information available in the Technical Specification and procurement of materials by M/s PES shall be done on the basis of the same. However, final design & fabrication drawings shall be prepared after necessary exposure of smaller portion of the embedded parts through breaking of concrete. There is likelihood of excess procurement, since it will be based on tender documents without actual measurement for the for the interest of work.* ***The excess quantity if any shall be taken into the account of the Corporation and the contractor shall be compensated suitably"***

2. The proposal for payment against returning of the excess procured material by M/S PES was agreed in-principal by the HOP (Copy of note sheet attached as **Annex_II**) thereafter which the material was transported to the Central Store on 18.10.2023 & 19.10.2023 as recorded in the initiating note of DGM(C). It is also recorded that the total qty. of material received as per the gate pass was 32.611 MT.

Other than the above, no approval/notesheet in respect of taking the material into NEEPCO's account can be found. The initiating note also doesn't mention any such details about the approval being taken post transportation of material to central store.

Further, as desired in the workflow 0051 & 0052, information/documents regarding treatment of the excess material and its accounting entries may be sought from the Central Store Dept.

Submitted please.

ID: 057
Noted By: Shashank Singh
Noted On: 26/05/2025 Time : 10:22:41

Forwarded To : Partha Protim Neog
Attachments : Annex_II**; Uploaded on :**27/05/2025 09:58:52
Attachments : Annex_I**; Uploaded on :**27/05/2025 09:58:28

The trailing notes may kindly be seen.

1.Copy of MoM dtd. 15.11.2021 has been enclosed as Annex-1

2.The proposal for payment against returning of the excess procured material by M/S PES was agreed in-principal by the HOP (Copy of note sheet attached as **Annex_II**)

3.As per available records, no approval/notesheet in respect of taking the material into NEEPCO's account can be found

Further, as desired at trailing notes #0051 & #0052, necessary treatment in Central Store Department, with the accounting entries (if any) may be arranged to obtain from CSD.

Submitted please.

ID: 058
Noted By: Partha Protim Neog
Noted On: 02/06/2025 Time : 10:58:09

Forwarded To : Utpal Borah

Trailing note pl.

Observation of finance noted and clarified at ID 0057.

However, comment of CSD ,KHPS on availability of information/documents regarding treatment of the excess material and its accounting entries if any , may be provided.

Submitted please.

ID: 059
Noted By: Utpal Borah
Noted On: 02/06/2025 Time : 12:56:50

Forwarded To : Anand Prakash

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trailing notes may please be seen

as per the MOM the excess material (32.611MT) was transported to store. No documents is available regarding its accounting entries. It is to mention that accounting parts is related Finance. Hence Finance may be asked how the accounting entries will be done for the excess materials.

submitted please.

ID: 060
Noted By: Anand Prakash
Noted On: 03/06/2025 Time : 12:08:12

Forwarded To : Utpal Borah

Trailing note pl.

Observation of finance noted and clarified at ID 0057.

Further, DGM(C),CSD has informed that no document is available regarding its accounting entries.

Submitted for kind information and further needful.

ID: 061
Noted By: Utpal Borah
Noted On: 03/06/2025 Time : 13:02:26

Forwarded To : Ashim jyoti Bordoloi

Please comment on accounting entries with respect to note at 0060.

ID: 062
Noted By: Ashim jyoti Bordoloi
Noted On: 08/06/2025 Time : 21:36:57

Forwarded To : Dinesh Inrugbam

Since no accounting treatment has been carried out to till date, the GRN for the excess quantity of 32.611 MT of stainless steel plates brought into the store through a gate pass may kindly be processed by the store with due approval from competent authority in line with Minute of meeting held on 15th November 2021.

Approval from the HoP may required for the receipt of the said material to store.

ID: 063
Noted By: Dinesh Inrugbam
Noted On: 24/06/2025 Time : 20:17:48

Forwarded To : Ashim jyoti Bordoloi

For examination and comment from C&P.

ID: 064
Noted By: Ashim jyoti Bordoloi
Noted On: 25/06/2025 Time : 17:59:45

Forwarded To : Amrit kumar Borah

Please examine the proposal for further process .

ID: 065
Noted By: Amrit kumar Borah
Noted On: 26/06/2025 Time : 10:21:35

Forwarded To : Gautam Kumar

Trailing notes may be seen please.

The excess quantity of 32.611 MT of stainless steel plates were brought to the central stores through the gate pass (Quantity wise gate pass details may be referred in the trailing note ID 001).

As desired by finance in the note id 0063, GRN for the excess quantity of 32.611 MT of stainless steel plates brought into the store through a gate pass may kindly be processed by the store division KHPS.

Submitted for your kind perusal and further needful please.

ID: 066
Noted By: Gautam Kumar
Noted On: 27/06/2025 Time : 11:27:10

Forwarded To : Amrit kumar Borah

Please refer the notes recorded by Manager (C) C&P at work flow 0066.

The proposal is forwarded for furnishing the desired document for further process.

Submitted please.

ID: 067
Noted By: Amrit kumar Borah
Noted On: 28/06/2025 Time : 10:19:30

Forwarded To : Anand Prakash

All the desired documents has already been furnished (Refer to note#001). The proposal may be forwarded to HOP for his approval against receipt of material , so that GRN of the excess material can be processed from the store (Refer note no. 0063).

notesheet

ID: 068
Noted By: Anand Prakash
Noted On: 28/06/2025 Time : 11:27:06

Forwarded To : Amrit kumar Borah

Form the record notes, it is seen that the excess amount of fabricated plate of 32.611 MT were brought to the Central store, KHPS and based on the gate passes of the materials issued by M/s PES Engineers were received at Central store , KHPS which is recorded by DGM (C) in FLM 001.

But no GRN was issued against the received materials at that time. Hence at FLM 0063 site finance has suggested to create GRN for the excess quantity of SS plate as no accounting treatment had been carried out trill date for further processing the proposal.

However, as per MOM dated 15.11.2021 it was recorded that Corporation have to compensate the excess amount of material procured for the work as actual amount of requirement could not finalised before execution of work.

DGM© of Store Division has recorded that, all the desired documents have already been furnished in the proposal and opined to forward to HOP for his approval against receipt of material, so that GRN of the excess material can be processed from the store.

In view of the above and based on records of DGM(C) CSD, Store , the Project authority may be suggested to Central Store Division, KHPS for taking the excess amount of plate 32.611 MT in GRN for further process of the proposal.

Submitted please.

ID: 069

Noted By: Amrit kumar Borah
Noted On: 30/06/2025 Time : 15:54:45

Forwarded To : Ashim jyoti Bordoloi

As normal prctice GRN entries may be done after approval as per DOP. With regards to the MOM Appendix 1 couldn't be found, may please be uploaded and process further.

ID: 070
Noted By: Ashim jyoti Bordoloi
Noted On: 01/07/2025 Time : 12:04:38

Forwarded To : Amrit kumar Borah

As desired the required " Appendix-I" pertaining to " Minutes of Meeting held on 15th November 2021" which was conducted virtually is collected and attached herewith .

Necessary GRN may be entered for the excess amount of plate after obtaining approval from the competent authority.

Submitted for further needful please.

ID: 071
Noted By: Amrit kumar Borah
Noted On: 02/07/2025 Time : 10:23:14

Forwarded To : Ashim jyoti Bordoloi
Attachments : Appendix_I**; Uploaded on :**02/07/2025 10:14:07

With reference to the observation of HQ Finace at 0057, DGM(C) Head of Central Store KHPS, at trailing note 0060 has recorded that the excess quantity of 32.611 MT of stainless-steel plates brought into the store. GRN entries / liabilities shall be created after approval as per DOP authorization as normal practice.

As proposed, regularization of order is necessary for payment to the vendor for the excess materials purchased and transported to KHPS store & was purchased by vendor in line with MOM dtd, 15th Nov'2021 (attached).

Technical approval in terms of Cl.No.15.1, Sec-I of DOP already accorded at 0047 & 0048.

Approval of D(T) for issue of change order in terms of Cl:15.2, Sec-I of DOP is recommended for approval.

ED,O&M, CGM,HOP,KHPS

ID: 072
Noted By: Ashim jyoti Bordoloi
Noted On: 04/07/2025 Time : 19:46:31

Forwarded To : Bijit Kr. Goswami

Clarifications, as furnished at trailing workflows, may kindly be seen at finance department.

ID: 073

Noted By: Bijit Kr. Goswami
Noted On: 05/07/2025 Time : 21:31:30

Forwarded To : Dwijen Kumar

Please vet.

ID: 074
Noted By: Dwijen Kumar
Noted On: 07/07/2025 Time : 10:16:50

Forwarded To : Pranab Jyoti Mazumdar

Please review.

GM(F),Concurrence.

ID: 075
Noted By: Pranab Jyoti Mazumdar
Noted On: 07/07/2025 Time : 10:50:56

Forwarded To : Rahul Kumar Gohar

Notes from prenotes may please be seen: -

The instant proposal pertains to approval for "Final Deviation against the Repair work of Hydro-Mechanical components under R&M of Khanong Power Station (2×23MW), Dist. Dima Hasao, Assam" executed by M/s PES Engineers Pvt. Ltd. vide W.O. No. NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S./2021-22/4070, Dtd. 17.12.2021 & Work Order: NEEPCO/KHPS/C&P(C)/F-05/Kopili PS/2022-23/5446 dtd. 09.01.2023.

Details of deviation as per attached final deviation statement are as under: -

Sl. No.	Details	Amount excluding GST (INR)	Remarks
1	Original Contract sum	2,72,46,178.00	
2	Total value of works executed (BOQ) as on date	39,10,858.00	(Ref: Final deviation statement dtd. 24.02.2025)
3	Total value of works executed (Extra/Substituted items) as on date	4,97,70,750.00	(Ref: Final deviation statement dtd. 24.02.2025)
4	Total value of works executed (BOQ, Extra/Substituted items) as on date (2+3)	5,36,81,608.00	(Ref: Final deviation statement dtd. 24.02.2025)
5	Value of works executed (BOQ, Extra/Substituted items) in excess of contract sum (4-1)	2,64,35,430.00	(Ref: Final deviation statement dtd. 24.02.2025)

6	Variance (Till date) during post-award execution of work over original contract sum (Ref: Cl:15. b, Sec-I of DOP)	**(+) 97.02%**	

As recorded the instant proposal is to obtain ex-post facto approval of change in the order for extra items / works executed under the contract awarded to M/s PES Engineers Pvt. Ltd. vide WO No. NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S/2021-22/4070 dated 17.12.2021 for Rs.2,72,46,178 excluding GST on nomination basis.

A revised WO No. NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S/2022-23/567 dated 26.05.2022 for Rs.2,73,43,170 excluding GST with changed BOQ was issued. Thereafter, another WO No. NEEPCO/KHEP/C&P(C)/F-05/2022-23/5446 dated 09.01.2023 was issued for execution of some extra works.

The aggregate value of work actually executed is Rs.5,36,81,608.00 before GST which includes BOQ items of Rs.39,10,858 and the extra items of Rs.4,97,70,750. The total deviation vis-a-vis the original contract value as per Clause 15(b), Section-I of the DoP is Rs.2,64,35,430.00, i.e. 97.02% above the original contract value.

It is noted that some extra items were executed on the basis of the inspection report of D&E and others were executed as per site requirements.

It is pertinent to mention here that approval of 60.88% positive deviation has already been accorded by competent authority as per attached note sheet in currents named as "
Note Sheet/CW/HSM - I/T-104/68/KHEP/25.07.2023/2023".

The proposal has been recommended by the ED(O&M) with concurrence of site Finance at workflow #0033 and Technical clearance has been accorded by D&E at workflow no.0047.

It is recorded that Technical approval has already been accorded by the ED(O&M) in terms of Clause 15.1 in workflow#0048 and change order requires approval of D(T) in terms of Clause 15.2, Section-I of the DOP, 2024(Revised).

In view of the above, the proposal may be agreed in Finance for approval of the competent authority in terms of Clause 15.2, Section-I of the DOP, 2024(Revised).

Submitted please.

GM(Fin.), Concurrence

Manager (Fin.), Concurrence

ID: 076
Noted By: Rahul Kumar Gohar
Noted On: 15/07/2025 Time : 10:12:37

Forwarded To : Pranab Jyoti Mazumdar

Notes from preflows may please be seen: -

The instant proposal is for getting approval for "Final Deviation against the Repair work of Hydro-Mechanical components under R&M of Khanong Power Station (2×23MW) executed by M/s PES Engineers Pvt. Ltd.

As recorded the instant proposal is to obtain ex-post facto approval of change in the order for extra items / works executed under the contract awarded to M/s PES Engineers Pvt. Ltd. for Rs.2,72,46,178 excluding GST on nomination basis.

The aggregate value of work actually executed is Rs.5,36,81,608.00 before GST which includes BOQ items of Rs.39,10,858 and the extra items of Rs.4,97,70,750. The total deviation and the original contract value as per Clause 15(b), Section-I of the DoP is Rs.2,64,35,430.00, i.e. 97.02% above the original contract value.

It is recorded that some extra items were executed on the basis of the inspection report of D&E and others were executed as per site requirements.

It is worth to mention here that approval of 60.88% positive deviation has already been accorded by competent authority.

The below mentioned points may be recorded which were observed from the various notes of the previous flows.

1. The excess quantity of Fabricated materials of 32.611 MT was taken in the stores though a GRN. But it is not clear whether the materials are taken with value or not. The same may be clarified.
2. Whether the cost of the Fabrication with material cost were booked as a CAPEX or not through making provision or not.
3. If the costs are taken in the GRN Value as an Inventory whether such Inventories can be utilized in other works or not.

The above mentioned points may be specifically clarified before obtaining Finance concurrence.

Submitted please.

GM(F),Concurrence.

ID: 077
Noted By: Pranab Jyoti Mazumdar
Noted On: 15/07/2025 Time : 10:44:27

Forwarded To : Bijit Kr. Goswami

Trailing notes may kindly be seen.

Clarifications to the points raised by finance department at workflow 0052 have been recorded by HOP, Kopili HPS at workflow 0072. Further comments on the proposal are observed at workflow 0077.

It is felt prudent that additional comments, if any, be conveyed at one go so that comprehensive replies can be furnished and the matter can be closed early.

For kind perusal please.

ID: 078
Noted By: Bijit Kr. Goswami
Noted On: 15/07/2025 Time : 12:18:37

Forwarded To : Dwijen Kumar

Please vet.

ID: 079
Noted By: Dwijen Kumar
Noted On: 15/07/2025 Time : 16:07:41

Forwarded To : Pranab Jyoti Mazumdar

Notes on preflows and attachment may kindly be seen.

Regarding the clarification sought from the executing authority on below mentioned points. ED(O&M) has replied on the same vide flow #0078 which may be referred.

1. The excess quantity of Fabricated materials of 32.611 MT was taken in the stores though a GRN. But it is not clear whether the materials are taken with value or not. The same may be clarified.

Ans: The excess quantity of Fabricated materials of 32.611 MT was taken through Gate pass only. The GRN entries/Liabilities shall be created after approval as per DOP authorization as normal practice.

2.Whether the cost of the Fabrication with material cost were booked as a CAPEX or not through making provision or not.

Ans: From the above replies it is presumed that the Excess materials are neither treated as Inventories nor Provision made for Liabilities.

3. If the costs are taken in the GRN Value as an Inventory whether such Inventories can be utilized in other works or not.

There are no clarity for the above query.

It is worth to mention here that approval of 60.88% positive deviation has already been accorded by competent authority as per attached note sheet in currents named as "

Note Sheet/CW/HSM - I/T-104/68/KHEP/25.07.2023/2023".

The proposal has been recommended by the ED(O&M) with concurrence of site Finance.

The Technical approval has already been accorded by the ED(O&M) in terms of Clause 15.1 and change order requires approval of D(T) in terms of Clause 15.2, Section-I of the DOP, 2024(Revised).

The proposal may be agreed in Finance for approval of the competent authority as per Clause 15.2, Section-I of the DOP, 2024(Revised).

Submitted please.

GM(F),Concurrence.

ID: 080
Noted By: Pranab Jyoti Mazumdar
Noted On: 16/07/2025 Time : 10:54:24

Forwarded To : Dwijen Kumar

In addition to the trailing observation, please also record the following:

i) Date of Issue of the Final Design & Fabrication Drawings:
From the attached documents, it is noted that the Stainless Steel (SS) plates were procured during February 2022. Kindly confirm and record the official date of issue of the final design and fabrication drawings for the embedded parts to verify alignment between material procurement and approved design release.

ii) Quantity of Stainless Steel Plates Required as per Preliminary Design:
Please record the quantity of Stainless Steel plates estimated based on the preliminary design of the embedded parts, developed in accordance with the information provided in the Technical Specification. This will help establish the basis for initial material planning and procurement prior to final design issuance.

ID: 081
Noted By: Dwijen Kumar
Noted On: 16/07/2025 Time : 18:19:37

Forwarded To : Bijit Kr. Goswami

Points at workflow 0081 may please be clarified.

ID: 082
Noted By: Bijit Kr. Goswami
Noted On: 18/07/2025 Time : 08:34:41

Forwarded To : Ashim jyoti Bordoloi

For needful clarification from executing wing please.

ID: 083
Noted By: Ashim jyoti Bordoloi
Noted On: 18/07/2025 Time : 11:56:44

Forwarded To : Amrit kumar Borah

Please refer the trailing notes recorder by HOP ,KHPS.

For further process of the proposal HQ finance has sought few clarification .

Submitted for further process please.

ID: 084
Noted By: Amrit kumar Borah
Noted On: 18/07/2025 Time : 12:30:53

Forwarded To : Utpal Borah

Trailing note pl.

May please clarify with the available document.

ID: 085
Noted By: Utpal Borah
Noted On: 18/07/2025 Time : 16:28:38

Forwarded To : Partha Protim Neog

The trailing notes may kindly be seen.

Please attend the observations of Corporate F&A wing.

ID: 086
Noted By: Partha Protim Neog
Noted On: 18/07/2025 Time : 17:49:46

Forwarded To : Shashank Singh

Trailing notes pl.

With reference to the observations of Corporate F&A in the trailing notes, following clarification is submitted as under:-

1. Whether the cost of the Fabrication with material cost were booked as a CAPEX or not through making provision or not.

Reply: The cost of the fabrication with material cost was not booked as a CAPEX due to pending technical approval of competant authority. As discussed with site finance, now the cost of fabrication with material cost shall be booked under O&M Khandong Stg-I Spare subject to final approval of the competant authority.

2. Date of Issue of the Final Design & Fabrication Drawings and Quantity of Stainless Steel Plates Required as per Preliminary Design

Reply: In reference to the observation regarding the date of issue of final design and fabrication drawings vis-à-vis the procurement of stainless-steel plates, it is submitted that the design and drawings for the embedded parts of various gates were initiated by the contractor immediately following the decision taken during the review meeting held in November 2021. Subsequent to obtaining necessary approvals from the Competent Authority, procurement of stainless-steel plates and fabrication of the embedded parts were undertaken and completed by February 2022. The fabricated components were received at the project site during the same month.

It may kindly also be noted that the restoration methodology for the gates underwent a revision following a comprehensive inspection by a team from the Design & Engineering wing, which was carried out after full de-watering of the Head Race Tunnel. This revision led to a change in the scope, rendering certain previously fabricated embedded parts redundant.

3. If the costs are taken in the GRN Value as an Inventory whether such Inventories can be utilized in other works or not.

Reply: If the cost are taken in the GRN value as an inventory, it may not be utilized in other works as the fabricated material received at the site was specific to suit the dimensions of the second stage embedded parts of Intake Stoplog, Intake Gate & Surge shaft gate etc.

Submitted for further needful pl.

ID: 087
Noted By: Shashank Singh
Noted On: 21/07/2025 Time : 10:27:38

Forwarded To : Partha Protim Neog

The trailing notes may kindly be seen:-

The observation of Corporate Finance Wing recorded at trailing notes #0080 & #0081 have been attended as below:-

1.The cost of the fabrication with material cost was not booked as a CAPEX due to pending technical approval of competent authority. As discussed with site finance, now the cost of fabrication with material cost shall be booked under O&M Khandong Stg-I Spare subject to final approval of the Competent authority.

2. In reference to the observation regarding the date of issue of final design and fabrication drawings vis-à-vis the procurement of stainless-steel plates, it is submitted that the design and drawings for the embedded parts of various gates were initiated by the contractor immediately following the decision taken during the review meeting held in November 2021. Subsequent to obtaining necessary approvals from the Competent Authority, procurement of stainless-steel plates and fabrication of the embedded parts were undertaken and completed by February 2022. The fabricated components were received at the project site during the same month.

It may kindly also be noted that the restoration methodology for the gates underwent a revision following a comprehensive inspection by a team from the Design & Engineering wing, which was carried out after full de-watering of the Head Race Tunnel. This revision led to a change in the scope, rendering certain previously fabricated embedded parts redundant.

3)If the cost are taken in the GRN value as an inventory, it may not be utilized in other works as the fabricated material received at the site was specific to suit the dimensions of the second stage embedded parts of Intake Stoplog, Intake Gate & Surge shaft gate etc.

Submitted for further needful please.

ID: 088
Noted By: Partha Protim Neog
Noted On: 22/07/2025 Time : 12:57:35

Forwarded To : Utpal Borah

Trailing note please.

Clarification to the observations of HQ finance has been given at ID 0088 & ID 0087 and is agreed.

The proposal has been resubmitted for further needful.

ID: 089
Noted By: Utpal Borah
Noted On: 22/07/2025 Time : 22:20:42

Forwarded To : Amrit kumar Borah

The clarification as sought by HQ finance in ID no 80 & 81 of this proposal is cleared by executing authority and recorded in ID no 87 & 88 which is recommended by CGM(Tech) HSM, KHPS.

The proposal is forward for onward process obtaining HQ,s finance concurrence .

ID: 090
Noted By: Amrit kumar Borah
Noted On: 24/07/2025 Time : 09:36:31

Forwarded To : Ashim jyoti Bordoloi

Clarifications sought by HQ Finance has been given at note 0087 & 0088. Also following points may be noted :

1. Referring to Annexure 1, i.e. MOM dtd 15th Nov2021 chaired by ED O&M , ED D&E and HOP at page 1, sl no. 2 may be referred where it is understood that since breaking of concrete was not done at that point of time therefore exposure of embeded parts was not there for preparation of technical specification and procurement of material. Therefore in the interest of work extra material was allowed to be procured by vendor with a commitment of compensation.

2. Subsequently referring to the joint Inspection Report of D&E,NEEPCO and site engineers (Attached as D&E Inspection Reports), sl no.5. related to 1. Trash Rack, 2. Intake stoplog & 3. Intake Gate and Surge Shaft Gate, it could be seen in the report that all fronts were found corroded badly and were decided for replacement/ relined. This would 't have been possible unless materials were procured in excess.
3. Technical approval also accorded by ED,D&E at note 0047.

Considering above facts that the decision was taken in the interst of works (which had helped also, pl Ref sl 2 above) we need to make necessary approval as committed for regularization of payment.

Forwarded for further needful please.

ID: 091
Noted By: Ashim jyoti Bordoloi
Noted On: 24/07/2025 Time : 19:24:49

Forwarded To : Bijit Kr. Goswami

Clarifications, as sought, have been furnished. Endorsed for concurrence please.

ID: 092
Noted By: Bijit Kr. Goswami
Noted On: 25/07/2025 Time : 13:41:44

Forwarded To : Dwijen Kumar

Please vet.

ID: 093
Noted By: Dwijen Kumar
Noted On: 25/07/2025 Time : 15:04:31

Forwarded To : Pranab Jyoti Mazumdar

Please review.

GM(F),Concurrence.

ID: 094
Noted By: Pranab Jyoti Mazumdar
Noted On: 28/07/2025 Time : 11:20:15

Forwarded To : Rahul Kumar Gohar

Notes from prenotes may please be referred: -

The instant proposal pertains to approval for "Final Deviation against the Repair work of Hydro-Mechanical components under R&M of Khanong Power Station (2×23MW), Dist. Dima Hasao, Assam" executed by M/s PES Engineers Pvt. Ltd. vide W.O. No. NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S./2021-22/4070, Dtd. 17.12.2021 & Work Order: NEEPCO/KHPS/C&P(C)/F-05/Kopili PS/2022-23/5446 dtd. 09.01.2023.

It has been observed that in lieu of certain queries raised by corporate finance at workflow no#0080 and 0081, project authority has submitted its replies at workflow no#0087, #0088 and #0091. Based upon the reply submitted by project authority, it is pertinent to mention here that in respect of query regarding cost of fabrication with material cost, the same may be booked as CAPEX. Accordingly, possibility may be explored for provisioning of the same.

In respect of date of Issue of Final Design & Fabrication Drawings, the only reference of review meeting has been found, no specific date for the Final Design & Fabrication Drawings has been provided.

The replies mentioned above are silent about the quantity of stainless-Steel Plates required as per Preliminary Design.

It has been recorded in prenotes that the excess material may not be utilized in other work, therefore, we may treat it as a scrap.

In view of above and prenotes referred at workflow no#0076, the proposal may be agreed in finance for approval of the competent authority in terms of Clause 15.2, Section-I of the DOP, 2024(Revised).

Submitted please.

GM(Fin.), Concurrence

Manager (Fin.), Concurrence

ID: 095
Noted By: Rahul Kumar Gohar
Noted On: 28/07/2025 Time : 16:51:16

Forwarded To : Pranab Jyoti Mazumdar

Notes from preflows may please be referred: -

In addition to the comments recorded by Manager(F),Concurrence, the below mentioned points may also be recorded.

In respect of the query raised from Finance regarding date of Issue of Final Design & Fabrication Drawings, the only reference of review meeting has been found, no specific date for the Final Design & Fabrication Drawings has been provided.

The proposal may be agreed in finance subject to the decision of the competent authority as deemed fit for approval in terms of Clause 15.2, Section-I of the DOP, 2024(Revised).

Submitted please.

GM(F),Concurrence.

ID: 096
Noted By: Pranab Jyoti Mazumdar
Noted On: 28/07/2025 Time : 17:06:57

Forwarded To : Dwijen Kumar

With reference to the observations raised vide FLM Note Nos. 0080 and 0081, it is noted that the replies were not specific. Accordingly, the proposal may be considered as agreed in Finance subject to the following conditions:-

i) If the procurement of Stainless Steel Plates was carried out prior to the issue of the Final Design & Fabrication Drawings.

ii) Further, the procured quantity of Stainless Steel Plates does not exceed the quantity required as per the Preliminary Design.

ID: 097
Noted By: Dwijen Kumar
Noted On: 28/07/2025 Time : 17:46:12

Forwarded To : Bijit Kr. Goswami

May please record the replies on points (i) and (ii) of notes at workflow 0097 and place on priority, for approval of competent authority.

ID: 098
Noted By: Bijit Kr. Goswami
Noted On: 29/07/2025 Time : 10:45:36

Forwarded To : Ashim jyoti Bordoloi

Kindly refre the trailing notes. Confirmation on workflow 0097 please.

ID: 099
Noted By: Ashim jyoti Bordoloi
Noted On: 29/07/2025 Time : 12:12:47

Forwarded To : Utpal Borah

Trailing note please.

Please put up reply.

ID: 100
Noted By: Utpal Borah
Noted On: 29/07/2025 Time : 13:21:09

Forwarded To : Shashank Singh

Trailing notes pl.

Against the conditions raised at workflow 0097, the contractor M/s PESEPL was requested to provide clarification vide email dtd. 29.07.25 (refer attachment "PES_reply"). In its clarification the contractor has furnished the following reply as under:

Condition No.1 Procurement Prior to Final Design:
Contractor's reply: Yes, the stainless steel plate materials were procured at site prior to the issuance of the final design and fabrication drawings.

Condition No. 2 Quantity as per Preliminary Design:
Contractor's reply: The quantity of stainless steel plates procured was in line with the requirements based on the preliminary design and did not exceed the estimated quantity as per the same.

The reply of the contractor is found to be in order and is agreed.

Submitted pl.

ID: 101
Noted By: Shashank Singh
Noted On: 29/07/2025 Time : 13:40:25

Forwarded To : Utpal Borah
Attachments :PES_reply**; Uploaded on :**29/07/2025 13:38:30

Trailing note please.

It is informed that the stainless-steel plate materials were procured at site prior to the issuance of the final design and fabrication drawings.

Further, the quantity of stainless-steel plates procured was in line with the requirements based on the preliminary design and did not exceed the estimated quantity as per the same.

Submitted for further needful please.

ID: 102
Noted By: Utpal Borah
Noted On: 29/07/2025 Time : 14:09:07

Forwarded To : Ashim jyoti Bordoloi

With respect to observations of Head Quarter finance at workflow 0096 and 0097, required confirmation has been recorded by executing wing at workflow 00101 and 00102 .

Technical approval in terms of Cl. No.15.1, Sec-I of DOP also already accorded at 0047 & 0048.

In view of above recommended for approval of D(T) for issue of change order in terms of Cl. 15.2, Sec-I of DOP.

ED,O&M, CGM,HOP,KHPS.

ID: 103
Noted By: Ashim jyoti Bordoloi
Noted On: 29/07/2025 Time : 14:36:37

Forwarded To : Bijit Kr. Goswami

Trailing notes are referred.

The subject proposal pertains to approval for Payment for procurement of extra quantity of material (fabricated stainless-steel plates) and Final Deviation against the work Repair of Hydro-Mechanical components under R&M of Khandong PS.

The work was executed by M/s PES Engineers Pvt. Ltd. against WO dated 17/12/2021 and 09/01/2023.

Against Rs. 2,72,46,178.00 as original contract sum, total executed sum has been derived as Rs. 5,36,81,608.00, which includes Rs. 98,81,063.00, against Supply and Fabrication of 32.611 MT of Steel.

Thus, the total deviation from the original contract sum comes to Rs. 2,64,35,430.oo, i.e., 97.02%. On examination of the proposal and Technical Clearance by D&E department, Technical Approval has been accorded by ED(O&M) in terms of Clause No. 15.1, Section I of DOP.

The proposal for issue of change order for the above is recommended, with concurrence of corporate finance department, for kind perusal and approval of Director(Technical) in terms of Clause No. 15.2, Section I of DOP.

ID: 104
Noted By: Bijit Kr. Goswami
Noted On: 29/07/2025 Time : 18:32:08

Forwarded To : Ranendra Sarma

Approved

ID: 105
Noted By: Ranendra Sarma
Noted On: 30/07/2025 Time : 11:48:43

Forwarded To : Diganta Goswami

The endorsment of the Director (Technical) is forwarded for your kind perusal please.

ID: 106
Noted By: Diganta Goswami

Noted On: 30/07/2025 Time : 12:31:49

Forwarded To : Bijit Kr. Goswami

For further needful please.

ID: 107
Noted By: Bijit Kr. Goswami
Noted On: 30/07/2025 Time : 13:28:56

Forwarded To : Ashim jyoti Bordoloi

Approval accorded at 00105, for placement of order please.

ID: 108
Noted By: Ashim jyoti Bordoloi
Noted On: 31/07/2025 Time : 08:32:29

Forwarded To : Amrit kumar Borah

The proposal is approved by D(T) . Hence PR is to be created for issue of SAP order.

ID: 109
Noted By: Amrit kumar Borah
Noted On: 01/08/2025 Time : 09:36:56

Forwarded To : Anand Prakash

PR to be created by the executing wing.

ID: 110
Noted By: Anand Prakash
Noted On: 01/08/2025 Time : 10:17:36

Forwarded To : Amrit kumar Borah

Please refer the trailing note

Submitted for creation of PR.

ID: 111
Noted By: Amrit kumar Borah
Noted On: 01/08/2025 Time : 10:37:21

Forwarded To : Utpal Borah

Trailing note pl.

PR may please be created.

ID: 112
Noted By: Utpal Borah
Noted On: 01/08/2025 Time : 14:36:54

Forwarded To : Partha Protim Neog

PR may please be created

ID: 113
Noted By: Partha Protim Neog
Noted On: 04/08/2025 Time : 10:23:44

Forwarded To : Shashank Singh

Trailing notes pl.

As desired by finance in the note id 0063, GRN for the excess quantity of 32.611 MT of stainless steel plates brought into the store through a gate pass has to be processed by the Store division, KHPS before creation of PR.

Submitted pl.

ID: 114
Noted By: Shashank Singh
Noted On: 04/08/2025 Time : 10:41:29

Forwarded To : Partha Protim Neog

It is submitted for GRN for the excess quantity of 32.611 MT of stainless steel plates brought into the store through a gate pass is required to be processed by the Central Store division, KHPS before creation of PR.

Submitted please

ID: 115
Noted By: Partha Protim Neog
Noted On: 04/08/2025 Time : 11:47:30

Forwarded To : Utpal Borah

Trailing note please.

For further needful as suggested in the trailing note ID 00115.

ID: 116
Noted By: Utpal Borah
Noted On: 05/08/2025 Time : 09:39:56

Forwarded To : Anand Prakash

Trailing notes may please be seen

Prior to the GRN of the excess material of 32.611 MT, a SAP PO would be required on the basis of PR from the executing wing. Subsequently contractor will raise the bill against the SAP PO. The executing wing will prepare and forward the bill to the CSD for the GRN and onward submission to finance department for the release of payment to the contractor from this end.

submitted please.

ID: 117
Noted By: Anand Prakash
Noted On: 11/08/2025 Time : 19:10:45

Forwarded To : Utpal Borah

Trailing note pl.

DGM(C),CSD has suggested that PO is required prior to issue of GRN . Please resolve with mutual discussion .

ID: 118
Noted By: Utpal Borah
Noted On: 12/08/2025 Time : 10:39:02

Forwarded To : Partha Protim Neog

The trailing notes may kindly be seen.

PR may kindly be created for SAP PO.

ID: 119
Noted By: Partha Protim Neog
Noted On: 12/08/2025 Time : 18:25:40

Forwarded To : Shashank Singh

Trailing notes pl.

For creation of PR, following information is required to be sought from the site finance as the cost was not booked under CAPEX and since the work is for the period of FY 2023-24, the Plant code 1800 for that period is not functional anymore.

1. Profit Center/Cost Center
2. GL Account/Material Code

Submitted pl.

ID: 120
Noted By: Shashank Singh
Noted On: 12/08/2025 Time : 18:38:06

Forwarded To : Partha Protim Neog

The queries as recorded at trailing note #00120 may kindly arrange to obtain from site F&A Wing

ID: 121
Noted By: Partha Protim Neog
Noted On: 13/08/2025 Time : 10:12:35

Forwarded To : Utpal Borah

Trailing note please.

It is requested to suggest and provide the required information as sought for effecting payment to the vendor pl.

Submitted pl.

ID: 122
Noted By: Utpal Borah
Noted On: 13/08/2025 Time : 11:28:15

Forwarded To : Dinesh Inrugbam

Kindly booked under PC kopili O&M 1111313000.

The material code could not be provided by Finance and may be decided from MM based on the related material.

Submitted

ID: 123
Noted By: Dinesh Inrugbam
Noted On: 16/09/2025 Time : 16:56:46

Forwarded To : Parag Saikia

Preceding notes may please be seen.

Put up after doing the needful as discussed please.

ID: 124
Noted By: Parag Saikia
Noted On: 04/10/2025 Time : 13:28:28

Forwarded To : Shashank Singh

Trailing notes pl.

PR 1300006846 is created for addition in P.O 3700004537.

Submitted for forwarding to C&P for addition of PR to PO.

ID: 125
Noted By: Shashank Singh
Noted On: 14/10/2025 Time : 11:55:05

Forwarded To : Parag Saikia

Preceding notes may please be seen.

Forwarded for generation of PO please.

For payment, the bill will be routed through CSD, KHPS where they will attach GRN along with material code.

ID: 126
Noted By: Parag Saikia
Noted On: 14/10/2025 Time : 18:20:24

Forwarded To : Amrit kumar Borah

Forwarded for addition of PR 1300006846 in P.O no. 3700004537 for further process from O/O the HSM and CSD, KHPS .

ID: 127
Noted By: Amrit kumar Borah
Noted On: 15/10/2025 Time : 09:38:42

Forwarded To : Gautam Kumar

As directed PR 1300006846 has been added into P.O no. 3700004537. Proposal may be forwarded to concerned for further needful please.

PO_PES

ID: 128
Noted By: Gautam Kumar
Noted On: 16/10/2025 Time : 10:19:26

Forwarded To : Amrit kumar Borah
Attachments :PO_PES**; Uploaded on :**16/10/2025 12:30:09

After addition of PR , it is observed that total amount of the P.O is in higher side considering the initial ordered value.

Hence, the proposal is returned for through checking the amount of the P.O based on the earlier proposals and correct if observe any discrepancy.

Forwarded please.

ID: 129
Noted By: Amrit kumar Borah

Noted On: 21/10/2025 Time : 11:50:14

Forwarded To : Gautam Kumar

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A GOVT. OF INDIA ENTERPRISE)
KOPILI HYDRO ELECTRIC PLANT
OFFICE OF THE HEAD OF PROJECT
UMRONGSO, DIMA HASAO, ASSAM.

MOM (1)

No. NEEPCO/KHEP/HOP/~~W-17~~ T-82/2021-22/ 307 Dated: 16.11.2021

To,

1. M/s PES Engineers Pvt. Ltd.,
   1st Floor, Pancom Chambers, 6-3-1090/A
   Raj Bhawan Road, Somajiguda,
   Hyderabad – 500 082.
   (For Kind Attn. of Sri A. Suresh Kumar)

Sub : Minutes of Meeting chaired by Executive Director (O&M) via Video Conferencing on the 15th November 2021, pertaining to "Repair of HM Components (Gates) under R&M of Khandong Power Station (2 x 25 MW).

Dear Sir,

Please refer to the subject mentioned above.

In this regard, Minutes of Meeting dated 15-11--2021, is enclosed for your information and needful please.

Thanking you

Encl.: As stated above.

16/11/21

(C. Deka))
Chief General Manager (C)/HOP
NEEPCO :: KHEP :: Umrongso

CC:

1. The Executive Director (O&M), NEEPCO for kind information please.
2. The Executive Director (C), D&E, NEEPCO for kind information please.
3. The GM (C), KHEP, NEEPCO for information .
4. The GM (C), HSM-I/HSM-II, KHEP, NEEPCO for information and needful.
5. The DGM (F), KHEP, NEEPCO Ltd for information
6. File No T-46/68/KR.

MOM - (2)

Minutes of Meeting held on 15th November 2021

The Executive Director (O&M), NEEPCO, chaired the video-conference meeting, in presence of the Executive Director (C), D&E, the HOP, KHEP, Site & D&E Officials, with delegates of M/s PES from Hyderabad and site, on the 15th November 2021, pertaining to "Repair of HM Components (Gates) under R&M of Khandong Power Station (2 x 25 MW).

Officials in attendance are as per **Appendix-1.**

The meeting was convened to discuss and resolve the issues of completion of the instant work within the stipulated time duly considering onset of the monsoon. The completion of the work is primarily dependent on finalization of detail design and material procurement. As such, the following decisions were taken in the meeting:

1. Shutdown of the Plant will take place on the 4th January 2022 and as such, tentative date of handing over the site to M/s PES Engineers Pvt. Ltd will be 15th January 2022, after constructing a barrier and dewatering arrangement in the HRT by NEEPCO.
2. It has been decided that, the preliminary design of Embedded Parts shall be done on the basis of information available in the Technical Specification and procurement of material by M/s PES shall be done on the basis of same. However, final design & fabrication drawings shall be prepared after necessary exposure of smaller portion of the embedded parts through breaking of concrete. There is likelihood of excess procurement, since it will be based on tender documents without actual measurement for the interest of the work. The excess quantity, if any, shall be taken into the account of the Corporation and the Contractor shall be compensated suitably.
3. It has been decided that, steel In-liner in the upstream and downstream of the Intake Bulkhead gate shall be omitted from the instant scope of work.
4. It has been agreed that, M/s PES Engineers Pvt. Ltd., shall make their best effort to complete the work within a period of 4 months from the date of handing over of site.
5. It has been agreed that, dewatering of the area shall be the responsibility of NEEPCO. However, any localized dewatering shall be the responsibility of by M/s PES Engineers Pvt. Ltd.
6. M/s PES informed that they will go for conventional breaking/dismantling of embedded parts to save the time. The same was agreed by NEEPCO.

The meeting ended with a vote of thanks to the Chair

PESEPL

15/11/21
(T. Gyaltsen)
Gm(P), HSE

15/11/21
R. Sarkar
SrM(C)

15/11/21

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NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED NOTE

(Mini Ratna, Category-I, Government of India Enterprise)

File Number: Note Sheet/CW/HSM - I/T-104/68/KHEP/25.07.2023/2023

Basic Details

FileType: Note Sheet	
Subject: Approval for Extra works and issue of change order	
Created On : 25/07/2023 **Time :**16:26:25	**Status:** In Process
Created By: Shashank Singh	**Last Changed By:** Utpal Borah

File Workflow

Creator : Shashank Singh (25/07/2023 16:43:17)

Processor - 1: Partha Sarathi Chanda (27/07/2023 10:17:29)
Processor - 2: Dilip Kumar Saikia (27/07/2023 11:24:54)
Processor - 3: Chandra Prasad Saikia (14/09/2023 11:54:22)
Processor - 4: Biswajit Sinha (30/09/2023 12:55:40)
Processor - 5: Gautam Kumar (04/10/2023 11:45:33)
Processor - 6: Biswajit Sinha (04/10/2023 18:04:56)
Processor - 7: Chandra Prasad Saikia (28/10/2023 21:31:31)
Processor - 8: Ajay Kr Shaw (08/11/2023 10:53:30)
Processor - 9: Chandra Prasad Saikia (14/11/2023 19:35:41)
Processor -10: Dilip Kumar Saikia (14/11/2023 21:45:28)
Processor -11: Parag Saikia (17/11/2023 20:32:39)
Processor -12: Utpal Borah (19/11/2023 11:22:40)
Processor -13: Shashank Singh (20/11/2023 11:22:21)
Processor -14: Utpal Borah (21/11/2023 09:54:30)
Processor -15: Parag Saikia (22/11/2023 20:00:34)
Processor -16: Dilip Kumar Saikia (23/11/2023 11:50:59)
Processor -17: Debjani Dey (24/11/2023 17:00:47)
Processor -18: Joypal Roy (28/11/2023 09:43:30)
Processor -19: Bipul Das (28/11/2023 16:00:48)
Processor -20: Joypal Roy (29/11/2023 10:04:07)
Processor -21: Debjani Dey (30/11/2023 10:02:13)
Processor -22: Siddhartha Sankar Adhikari (30/11/2023 10:53:27)
Processor -23: Sitangshu Dhar (30/11/2023 12:34:52)
Processor -24: Sujeet Kumar Jha (06/12/2023 12:51:39)
Processor -25: Sitangshu Dhar (07/12/2023 12:42:34)
Processor -26: Siddhartha Sankar Adhikari (08/12/2023 12:42:39)
Processor -27: Debjani Dey (08/12/2023 16:32:05)
Processor -28: Dwijen Kumar (08/12/2023 17:03:19)
Processor -29: Cathleen Rupa Ranee (12/12/2023 16:14:05)
Processor -30: Dwijen Kumar (20/12/2023 15:19:26)
Processor -31: Cathleen Rupa Ranee (21/12/2023 21:26:25)
Processor -32: Thingujam Chanu Loyalembi (10/01/2024 12:08:55)
Processor -33: Cathleen Rupa Ranee (16/01/2024 17:11:10)
Processor -34: Dwijen Kumar (17/01/2024 11:45:06)
Processor -35: Bijit Kr. Goswami (19/01/2024 13:04:06)
Processor -36: Dilip Kumar Saikia (19/01/2024 18:22:22)
Processor -37: Utpal Borah (20/01/2024 00:11:34)
Processor -38: Shashank Singh (25/01/2024 09:54:36)
Processor -39: Utpal Borah (26/01/2024 23:41:11)
Processor -40: Dilip Kumar Saikia (30/01/2024 19:06:48)
Processor -41: Bijit Kr. Goswami (31/01/2024 11:31:25)
Processor -42: Dwijen Kumar (31/01/2024 16:39:54)
Processor -43: Cathleen Rupa Ranee (02/02/2024 12:41:00)
Processor -44: Bijit Kr. Goswami (03/02/2024 16:30:46)
Processor -45: Dilip Kumar Saikia (03/02/2024 17:23:48)
Processor -46: Utpal Borah (03/02/2024 17:51:00)
Processor -47: Shashank Singh (05/02/2024 17:27:57)
Processor -48: Utpal Borah (06/02/2024 11:52:54)
Processor -49: Shashank Singh (06/02/2024 12:15:46)
Processor -50: Utpal Borah (06/02/2024 12:19:25)
Processor -51: Dilip Kumar Saikia (06/02/2024 16:34:30)
Processor -52: Parag Saikia (08/02/2024 19:15:45)
Processor -53: Utpal Borah (13/02/2024 11:10:11)
Processor -54: Shashank Singh (16/02/2024 10:07:28)
Processor -55: Utpal Borah (26/02/2024 12:50:27)
Processor -56: Parag Saikia (16/03/2024 20:09:01)
Processor -57: Susanta Deka (19/03/2024 10:34:07)
Processor -58: Utpal Borah (20/03/2024 12:38:44)
Processor -59: Shashank Singh (20/03/2024 17:26:51)
Processor -60: Utpal Borah (20/03/2024 21:24:22)
Processor -61: Susanta Deka (21/03/2024 16:01:13)
Processor -62: Parag Saikia (21/03/2024 18:31:19)
Processor -63: Susanta Deka (22/03/2024 12:56:06)
Processor -64: Bijit Kr. Goswami (22/03/2024 15:20:03)
Processor -65: Cathleen Rupa Ranee (26/03/2024 10:56:35)
Processor -66: Dwijen Kumar (26/03/2024 17:31:53)
Processor -67: Bijit Kr. Goswami (27/03/2024 13:49:31)

Processor -68: Ranendra Sarma (27/03/2024 15:13:44)
Processor -69: Diganta Goswami (03/04/2024 18:45:17)
Processor -70: Bijit Kr. Goswami (03/04/2024 19:07:21)
Processor -71: Diganta Goswami (04/04/2024 15:53:26)
Processor -72: Ranendra Sarma (04/04/2024 16:11:51)
Processor -73: Diganta Goswami (04/04/2024 17:32:01)
Processor -74: Bijit Kr. Goswami (05/04/2024 09:46:56)
Processor -75: Susanta Deka (06/04/2024 17:52:38)
Processor -76: Chandra Prasad Saikia (06/04/2024 20:34:59)
Processor -77: Biswajit Sinha (08/04/2024 12:27:11)
Processor -78: Chandra Prasad Saikia (23/04/2024 19:02:46)
Processor -79: Biswajit Sinha (24/04/2024 12:08:23)
Processor -80: Chandra Prasad Saikia (24/04/2024 19:56:13)
Processor -81: Utpal Borah (25/04/2024 10:53:02)
Processor -82: Shashank Singh (00/00/0000 00:00:00)

File Description

Repair works of HM components under R&M of Khandong Power Station(2X25 MW)

Created By : Shashank Singh
Created On :25/07/2023 16:33:43
With Department : Notesheet
Forwarded To: Partha Sarathi Chanda

File Attachments

Attachments :

RevisedRateAnalysis_20.03.2024; **Created By :**Shashank Singh; **Uploaded on :**20/03/2024 17:15:41
Revised_DeviationStatement_20.03.2024; **Created By :**Shashank Singh; **Uploaded on :**20/03/2024 17:14:05
RHPS_W.O; **Created By :**Shashank Singh; **Uploaded on :**15/02/2024 17:04:13
Manpower_Base_Rates; **Created By :**Utpal Borah; **Uploaded on :**06/02/2024 11:50:42
PESLetterdtd24.01.2024; **Created By :**Shashank Singh; **Uploaded on :**24/01/2024 23:35:53
Annexure; **Created By :**Thingujam Chanu Loyalembi; **Uploaded on :**08/01/2024 17:34:40
D&EInspectionReport_09.02.2022; **Created By :**Shashank Singh; **Uploaded on :**20/11/2023 11:15:47
referenceW.O; **Created By :**Shashank Singh; **Uploaded on :**25/07/2023 16:35:08
Annexure-12(DeviationSt.)revised; **Created By :**Shashank Singh; **Uploaded on :**25/07/2023 16:29:27
Annexure-11revised; **Created By :**Shashank Singh; **Uploaded on :**25/07/2023 16:28:34
Notesheet; **Created By :**Shashank Singh; **Uploaded on :**25/07/2023 16:27:43
Revorder; **Created By :**Biswajit Sinha; **Uploaded on :**24/04/2024 12:06:17

File Notings

With reference to the observations of D.M (C), C&P, in the trailing notes at Pg. No. 5, point wise reply is furnished as below:

1) Observation made at Sl. No 3(i) is agreed and suitable correction for exclusion of CP&OH@20% for Referred rates are made in the Annexure-11 and Deviation statement.

2) Approved Manpower rates in Annexure-4 are exclusive of GST & CP&OH charges (Another W.O No. NEEPCO/KHEP/C&P(C)/F-05/2020-21/2172 dtd 19.09.2020 is attached for reference) whereas the rates considered in Annexure-11 are inclusive of GST. The rates taken in the deviation statement is inclusive of CP&OH charges but exclusive of GST. Hence the variation/deviation would be there.

3) Escalation of 23% claimed by the contractor is omitted in absence of the supporting calculations in compliance to the observation made at Sl. No 3(iii).

4) Observation made at Sl. No 3(iv) is agreed and suitable correction made in the Annexure-11 and Deviation statement.

5) With reference to the observation made at Sl. No. 3(v) it is opined that the rate for installation of the wire rope can't be considered on a pro rata basis as the Reference rate is a Lumpsum rate for completion of the work as a whole and doesn't depend on the unit of measurement as suggested in the observation of D.M(C), C&P. Also, the actual quantity executed by the contractor for the Item from which the reference rate is taken is 450 m only instead of 1350 m and considering the level of difficulty for execution of said extra work is higher the rate adopted is justifiable and may be considered. Further exclusion of CP&OH@20% is agreed.

In view of the above the Annexure-II and the Deviation Statement is revised and attached herewith.

Further, as per the Clause 16(b), Sec-I of DOP, since the value of works executed exceeds the contract sum, the variation has been computed as a percentage of the aggregate value of works executed (BOQ, extra/ substituted items) in excess of contract sum w.r.t the original contract sum is tabulated as below:

Sl. No	Description of Item and details of work	Amount (Without GST)
1	BoQ (Original contract sum)	27246178.07
2	Value of work executed for BoQ items	3910858.34
3	Value of work executed for extra items	39939081.10
4	Aggregate value of works executed (BOQ, extra/ substituted items) (2+3)	43849939.44
5	Aggregate value of work executed in excess of contract sum (4-1)	16603761.38
6	% Deviation	60.94%

As has been requested in the observation at Sl.No. 4 of Pg. No 5, the total amount for executed extra works comes out to be Rs 39939081.10 without GST. Thus the % variation wr.t to original contract sum (i.e Rs. 27246178.07 without GST) is **146.58%.**

However, the % deviation as per the Clause 16(b), Sec-I of DoP comes out to be **60.94%** for which full power for Technical Approval is accorded with ED(O&M) and power for approval of issue of change order is vested with HoP.

Submitted for further needful please.

ID: 001
Noted By: Shashank Singh
Noted On: 25/07/2023 Time : 16:32:42

Forwarded To : Partha Sarathi Chanda

The trailing notes of DM(C) may please be seen in response to the observations of C&P wing where all points are addressed and are found to be in order. In connection with the observation of C&P Wing regarding installation of rope, it is to highlight that, the rate for installation of the wire rope as extra item is found out to be justified considering the urgency of the situation to replace the rope within a very short time prior to HRT filling of Khandong system so as to generate power at the earliest and to avoid any revenue loss to the Corporation. The original work order value was Rs. 2,72,461,78.00 which was revised in the month of Jan 2023 and was duly approved for an amount of Rs. 5,89,97,762.00. However, considering executed quantity of items at site the present value of the work comes out to be Rs.4,38,49,939.44. As per the Clause 16(b), Sec-I of DOP, the variation has been computed as a percentage of the aggregate value of works executed (BOQ, extra/ substituted items) in excess of contract sum w.r.t the original contract sum. As desired the Deviation Statement is revised and forwarded for obtaining technical approval and issue of change order

ID: 002
Noted By: Partha Sarathi Chanda
Noted On: 27/07/2023 Time : 10:16:13

Forwarded To : Dilip Kumar Saikia

For further processing please

DGM(E/M) C&P HOP

ID: 003
Noted By: Dilip Kumar Saikia
Noted On: 27/07/2023 Time : 11:24:25

Forwarded To : Chandra Prasad Saikia

Please examine and put up note for further processing of this proposal

ID: 004
Noted By: Chandra Prasad Saikia
Noted On: 14/09/2023 Time : 11:53:48

Forwarded To : Biswajit Sinha

Please examine and process

ID: 005
Noted By: Biswajit Sinha
Noted On: 30/09/2023 Time : 12:54:21

Forwarded To : Gautam Kumar

A proposal duely recommended by GM HSM -I, KHPS, seeking ex post facto approval for extra works for the work **"Renovation & Modernization of Khandong Power Station (2x25 MW) Dist- Dima Hasao Assam**" has been received and the following observations are made:

1. The above mentioned work vide W.O NEEPCO/KHEP/C&P©/F-05/Kopili P.S/2021-22/4070 dated 17.12.2021 was awarded to M/s PES on nomination basis. Further, revised order vide no. NEEPCO/KHEP/C&P©/F-05/Kopili P.S/2022-23/567 dated 26.05.2022 issued to include extra work of "conducting of Ultra sonic Testing on trash rack guide channel of Khandong Intake and its enabling works like arranging winch working platform etc.
2. During execution, extra works (as stated by executing authority in their notes as NP-1) were executed by M/S PES to complete the work in totality.
3. Accordingly, executing authority has prepared an estimate for ex post facto approval for extra works. (refer annexure 11 and 12 attached with FLM note sheet).
4. Further, as per the Clause 15 (b), Sec-I of DOP, since the value of works executed exceeds the contract sum, the variation has been computed as a percentage of the aggregate value of works executed (BOQ, extra/ substituted items) in excess of contract sum w.r.t the original contract sum is tabulated as below:

Sl. No	Description of Item and details of work	Amount (Without GST)
1	BOQ (Original contract sum)	27246178.07
2	Value of work executed for BoQ items	3910858.34
3	Value of work executed for extra items	39939081.10
4	Aggregate value of works executed (BOQ, extra/ substituted items) (2+3)	43849939.44
5	Aggregate value of work executed in excess of contract sum (4-1)	16603761.38

6	Percentage (%) Deviation	60.94%

5. Percentage (%) deviation as per the Clause 15 (b), Sec-I of DoP comes out to be **60.94%.** Therefore, in terms of DOP clause No. 15.1 of sec-I, ED (O&M) is empowered to accord the Technical approval for percentage deviation of the extra works executed and in terms of DOP clause No. 15.2 of sec-I, D(T) is empowered to accord the approval for issue of change order based on the technical approval at DOP clause No. 15.1.

6. However, prior to approval of the competent authority, the instant proposal may be forwarded to finance for further scrutiny and comments

Submitted for your kind perusal and further needful please.

ID: 006
Noted By: Gautam Kumar
Noted On: 04/10/2023 Time : 11:43:34

Forwarded To : Biswajit Sinha

Previous notes may please be seen.

The instant proposal duely recommended by GM(C) HSM -I, KHPS, seeking approval for extra items pertaining to the work "**Renovation & Modernization of Khandong Power Station (2x25 MW) Dist- Dima Hasao Assam**" involves the following:

1. During execution of the above mentioned work extra items were executed by M/S PES as per requirement at site.

2. As the value of work executed exceeded the original contract sum the variation has been calculated in terms of Clause 15(b), Sec-I of DOP. The total financial implication along with deviation has been indicated below:

Sl. No.	Description of Item and details of work	Amount (Without GST)
1	Original contract sum	27246178.07
2	Value of work executed (BoQ items)	3910858.34
3	Value of work executed (extra items)	39939081.10
4	Aggregate value of works executed (BOQ, extra/ substituted items) (2+3)	43849939.44
5	Aggregate value of work executed in excess of contract sum (4-1)	16603761.38
6	**Deviation**	**(+ve) 60.94%**

3. ED (O&M) is empowered to accord the technical approval in consultation with D&E in terms of Cl. 15.1, Sec-I of DOP and based on the technical approval D(T) is empowered to accord the approval for issue of change order in terms of Cl. No: 15.2, Sec-I of DOP.

4. The proposal may be forwarded to finance for further scrutiny and concurrence prior to approval of competent authority.

Submitted for perusal and further needful please.

ID: 007
Noted By: Biswajit Sinha
Noted On: 04/10/2023 Time : 18:04:37

Forwarded To : Chandra Prasad Saikia

The instant proposal submitted from HSM-I, KHPS seeking post facto approval against execution of **extra item**s "**conducting of Ultra sonic Testing on trash rack guide channel of Khandong Intake and its enabling works like arranging winch working platform etc.**" pertaining to the original work **"Renovation & Modernization of Khandong Power Station (2x25 MW) Dist- Dima Hasao Assam""** awarded in favour of M/s PES Vide W.O. No. NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S/2021-22/4070 dated 17.12.2021 is examined at C&P.

In this connection detail evaluation note of the proposal submitted from C&P at note no. 006 & 007 may please be seen-

Concurrence of Finance may please be accorded for obtaining approval of Competent Authority in terms of clause no. 15 section -I of DOP (2023) (Variation during post award execution of work due to Scope /Quantity variation / new or extra items etc.) for regularization against execution of extra works of the original contract awarded to M/s PES Vide W.O. No. NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S/2021-22/4070 dated 17.12.2021 as stated in this proposal.

ID: 008
Noted By: Chandra Prasad Saikia
Noted On: 28/10/2023 Time : 21:30:13

Forwarded To : Ajay Kr Shaw

It is proposed for regularization of extra executed BOQ amounting Rs. 39939081.10 plus GST. Basically, actual executed amount is Rs. 3910858.34 against the original order value Rs. 27246178.07 plus GST.

Considering the actual facts stated by the authority, the extra BOQ/substitute works has been carried due to site requirement and overall aggregate value of works stand Rs. 43849939.44 plus GST.

The proposed extra BOQ estimate has been prepared based on CWC rates, therefore the variance/deviation will be about 60.94% positive (+), wherein the additional financial involvement will be Rs. 16603761/- plus GST.

The proposal is in order for getting technical approval of the competent authority with accordance of D&E in terms of DOP Cl No.15.1 and for change of issue of order in under Cl No.15.2.

Submitted please.

DGM(E), C&P DGM(F)

ID: 009
Noted By: Ajay Kr Shaw
Noted On: 08/11/2023 Time : 10:52:56

Forwarded To : Chandra Prasad Saikia

The instant proposal submitted from HSM-I, KHPS seeking post facto approval against execution of extra items "**Conducting of Ultra sonic Testing on trash rack guide channel of Khandong Intake and its enabling works like arranging winch working platform etc**." pertaining to the original work **"Renovation & Modernization of Khandong Power Station (2x25 MW) Dist- Dima Hasao Assam"** awarded in favour of M/s PES vide W.O. No. NEEPCO/KHEP/C&P (C)/F-05/Kopili P.S/2021-22/4070 dated 17.12.2021, is examined at C&F.

The salient points of the proposal are as under –

1. M/s PES is already executing a contract awarded vide order no. vide W.O NEEPCO/KHEP/C&P©/F-05/Kopili P.S/2021-22/4070 dated 17.12.2021 for "**Renovation & Modernization of Khandong Power Station (2x25 MW)**.

2. As stated in the proposal, during execution of the work, it is felt necessary at site to execute some extra works (**attached note sheet page no. 1**) through M/s PES in order to successfully complete the main work as per the details furnished by site engineer at pg. no. 1. The extra works as indicated are not envisaged earlier but felt necessary at site during execution of main work and hence executed through M/s PES on urgency to meet up the schedule of commissioning of Khandong stage-II. It is proposed to include the extra works with the scope of main work awarded to M/s PES vide work order no. NEEPCO/KHEP/C&P (C)/F-05/Kopili P.S/2021-22/4070 dated 17.12.2021 and same has been recommended by executing authority/ GM(C), HSM-I.

3. Against execution the extra works, the estimated financial involvement stands at Rs. 39939081.10/- exclusive of GST (**annexure 11 and 12 attached**) and the amount is treated as variation during post award execution of work due to extra items. The proposed extra BOQ estimate has been prepared based on CWC rates.

4. Since the value of works executed exceeds the contract sum, the variation has been computed as a percentage of the aggregate value of works executed (BOQ, extra/ substituted items) in excess of contract sum w.r.t the original contract sum. Accordingly, Thus the percentage variation wr.t to original contract sum (Rs. 27246178.07/- without GST) stands at 60.94% (**note no. 006 & 007**).

5. Subsequently, instant proposal has been examined by site Finance and based on the recommendation of executing authority concurrence has been accorded for regularization of extra executed BOQ amounting **Rs.39939081.10/- exclusive of GST** for getting technical approval of the competent authority with due scrutiny of D&E in terms of Cl No.15.1 and for change of issue of order in under Cl No.15.2 Section -I of DOP.

In view of the above, instant proposal is found to be considerable for obtaining approval of Competent Authority as per provision of clause no. 15, Section -I of DOP (2023) for regularization against execution of extra work by issue of a change order to the original contract.

Accordingly, the following approvals may please be obtained for issue of change order -

i) A technical approval, against Variation during post award execution of work/ supply over award price may be obtained in terms of clause no. 15.1, under Section – I of DOP (2023) wherein ED(O&M), NEEPCO is empowered to accord technical approval for regularization of extra items under consideration of this proposal.

ii) Based on the technical approval, for issue of change order, approval may also be obtained as per provision of clause no.15.2 Under Section -I DOP (2023) wherein only DT, NEEPCO is empowered to accord approval for regularization of extra items with 60.94% of variation wr.t to original contract sum.

Submitted for obtaining necessary approval for regularization of the extra works as proposed.

DGM(E/M),C&P

HOP,KHPS

ID: 010
Noted By: Chandra Prasad Saikia
Noted On: 14/11/2023 Time : 19:28:41

Forwarded To : Dilip Kumar Saikia

Please examine and put up

ID: 011
Noted By: Dilip Kumar Saikia
Noted On: 14/11/2023 Time : 21:43:52

Forwarded To : Parag Saikia

Preceding notes may please be seen.

The % variation in terms of DOP Clause 15.1 is arrived at 60.94%.

In terms of Cl 15.1, Sec-I, ED is fully empowered for technical approval & **as stated under Cl-15, this power will have to be exercised in consultation with Design & Engineering Deptt**. If, however, the extra / substituted items are executed at site based on construction drawings issued by D&E Deptt, technical clearance will be deemed to have been accorded by D&E Deptt, for which proposal for technical approval need not be routed through D&E Deptt. In this regard, it is mentioned that as per initiating note at page 01(attached), extra items 1 to 11 based on inspection report submitted by D&E during their visit on 8th & 09th Feb, 2022, and regarding the other Extra items 12 to 16, the decision was taken at site by EIC based on site requirements.

On having technical approval, in the instant case involving variation the Director(Technical) is fully empowered to accord approval for issue of change order in the instant case involving variation with 60.94% .

In view of above, it is requested to upload the above-mentioned "Inpection Report of D&E" please. Any, other D&E suggestion in case of the other items, if available, may please also be uploaded.

Submitted please.

DGM(C), O/O HOP

GM(C), HSM

ID: 012
Noted By: Parag Saikia
Noted On: 17/11/2023 Time : 20:31:23

Forwarded To : Utpal Borah

Trailing note of DGM (C) O/o HOP.

As sought, it is required to upload the inspection report of D&E for extra item no. 1 to 11 and D&E's suggestion in case of other extra items, if available, may also be uploaded.

ID: 013
Noted By: Utpal Borah
Noted On: 19/11/2023 Time : 11:19:44

Forwarded To : Shashank Singh

May kindly refer the trailing notes.

As desired by DGM(C), O/o The HoP vide Note#0012, the D&E Inspection Report has been enclosed for reference please.

Regarding other extra item No 12 to 16 for which technical approval is being sought, the works were being executed as per the directions of the EIC based on the site requirements, hence the suggestion of D&E are not available for the same.

Submitted please.

ID: 014
Noted By: Shashank Singh
Noted On: 20/11/2023 Time : 11:19:44

Forwarded To : Utpal Borah
Attachments :D&EInspectionReport_09.02.2022**; Uploaded on :**20/11/2023 11:15:47

Trailing note of DM(C) Pl.

Available document pertaining to D&E inspection against item no. 1-11 is up-loaded . Item no. 12 to 16 were executed as per site requirement.

Submitted pl.

ID: 015
Noted By: Utpal Borah
Noted On: 21/11/2023 Time : 09:53:50

Forwarded To : Parag Saikia

Preceding notes may please be seen.

The instant proposal is regarding regularization of 16 nos. extra items executed under the original contract *"Repair of hydro-mechanical components under R&M of Khandong Power Station (2X25 MW), Dis- Dima Hasao, Assam"*. The order was awarded from site.

The original contract sum is Rs 2,72,46,178.07 without GST. The total amount for execution of 16 nos. extra items comes out to be Rs 3,99,39,081.10/- exclusive of GST. And thus the % of variation, *calculated in terms of Cl-15.1*, *Sec-I of DOP*, for execution of 16 nos. extra items is found out to be 60.94%.

The proposal has been examined & accepted by site C&P, and Site Finance has also concurred the proposal.

In terms of Cl-15.1, Sec-I of DOP, Executive Director is fully empowered for technical approval after obtaining technical clearance from D&E. In this connection, it is to be mentioned that the extra items 1 to 11 were executed based on inspection report of D&E (copy attached) & Item no. 12 to 16 were executed by the EIC as per site requirement as stated by the executing wing.

On obtaining technical approval, Director (Technical) is fully empowered to accord approval for the issue of change order in terms of Cl-15.2, Sec-I of DOP for the proposal.

In view of above, the proposal may be recommended as proposed & forwarded to ED(O&M) for obtaining approval.

Submitted please.

DGM(C), O/O HOP

HOP, KHPS

ID: 016
Noted By: Parag Saikia
Noted On: 22/11/2023 Time : 19:59:50

Forwarded To : Dilip Kumar Saikia

The proposal is recommended for according approval.

ID: 017
Noted By: Dilip Kumar Saikia
Noted On: 23/11/2023 Time : 11:50:21

Forwarded To : Debjani Dey

Please examine and put up.

ID: 018
Noted By: Debjani Dey
Noted On: 24/11/2023 Time : 16:59:54

Forwarded To : Joypal Roy

Please examine and put up.

ID: 019
Noted By: Joypal Roy
Noted On: 28/11/2023 Time : 09:41:22

Forwarded To : Bipul Das

The trailing FLM notes may kindly be referred.

The instant proposal is regarding approval of extra items / works executed under the original contract "Repair of hydro-mechanical components under R&M of Khandong Power Station (2X25 MW), Dis- Dima Hasao, Assam" awarded in favour of M/s PES.

After examining the proposal, the following points are placed:

- The total financial implication (without GST) along with deviation has been indicated below:
  - The original contract sum is Rs 2,72,46,178.07.
  - Value of work executed for (BoQ items): Rs 39,10,858.34.
  - Value of work executed for (extra items): Rs 3,99,39,081.10.
  - Aggregate value of works executed (BOQ, extra/ substituted items): Rs 4,38,49,939.44
  - Aggregate value of work executed in excess of contract sum: Rs (4,38,49,939.44 - 2,72,46,178.07) = Rs 1,66,03,761.38
  - Deviation: +ve 60.94%

- The Executing Authority stated that during execution of the work, it was necessary at site to execute some extra works (**Refer trailing FLM note no 0010 & attached note sheet page no. 1**) through M/s PES in order to successfully complete the main work as per the details furnished by site engineer at pg. no. 1. The extra works as indicated are not envisaged earlier but felt necessary at site during execution of main work and hence executed through M/s PES on urgency to meet up the schedule of commissioning of Khandong stage-II.
- The Site Finance has found the proposal is in order at the trailing FLM note no # 009.
- The HoP has recommended the proposal at the trailing FLM note no #0017.

In terms of Cl-15.1, Sec-I of DOP, Executive Director (O&M) is fully empowered for technical approval based on obtaining technical clearance from D&E. For the issue of change order in terms of Cl-15.2, Sec-I of DOP, Director (Technical) is fully empowered to accord approval for the proposal based on obtaining technical approval.

In view of above, the proposal is to be routed through D&E for technical clearance & HQ Finance for concurrence prior to obtaining approval of Competent Authority.

Submitted please.

ID: 020
Noted By: Bipul Das
Noted On: 28/11/2023 Time : 15:59:03

Forwarded To : Joypal Roy

Trailing FLM notes and attachments may kindly be referred.

The instant proposal is about ex-post facto approval of change in order of extra items / works executed under the original contract "Repair of hydro-mechanical components under R&M of Khandong Power Station (2X25 MW), Dis- Dima Hasao, Assam" awarded in favour of M/s PES Engineers Pvt. Ltd. vide W.O. No. NEEPCO/KHEP/C&P©/F-05/Kopili P.S/2021-22/4070 dated 17.12.2021. Later on revised W.O. vide No. NEEPCO/KHEP/C&P©/F-05/Kopili P.S/2022-23/567 dated 26.05.2022 with changed BOQ. (attached)

Again an order was issued vide no.NEEPCO/KHEP/C&P©/F-05/2022-23/5446 dated 09.01.2023 for execution of few extra works. (attached).

As per deviation statement Annexure-12 (attached) total original Contract Value was Rs. 2,72,46,178.07/ excluding GST and the total executed amount is Rs. 4,38,49,939.44/. Henece the devaiated amount is Rs. 1,66,03,761.38/ which + 60.94%.

The deviation statements has been checked and found in order.

As recorded at # 0016 the extra items 1 to 11 were executed based on inspection report of D&E (copy attached) & Item no. 12 to 16 were executed by the EIC as per site requirement as recorded by the Plant officials.

HOP:KHPS has recommeded the proposal after obtaining site finance concurrence for the following:

1. Technical Clearance from D&E Wing for the extra items / works executed.
2. Technical Approval in terms of Clause No. 15.1 of Section -I of DOP wherein ED(O&M) fully empowered.
3. Approval for change in order from the Director (Technical) in terms of Clause No. 15.2 of Section -I of DOP (These powers will be exercised in consultation with associated finance).

In view of the above, the proposal may kindly be forwarded to D&E Wing for their technical clearnace. On obtaining technincal clreance, Technical Clearance be accoroded by the ED(O&M) in terms of Clause No. 15.1 of Section -I of DOP.

The proposal then be routed through Corporate Finance Wing for their concurrence and for change in order, the proposal may please be recommended for approval of the Director (Technical) in terms of Clause No. 15.2 of Section-I of DOP.

Submitted please.

ID: 021
Noted By: Joypal Roy
Noted On: 28/11/2023 Time : 17:47:19

Forwarded To : Debjani Dey

The trailing mail at 0021 is recommended for perusal and accordance of Technical clearance please.

ID: 022
Noted By: Debjani Dey
Noted On: 30/11/2023 Time : 10:01:20

Forwarded To : Siddhartha Sankar Adhikari

For needful please

ID: 023
Noted By: Siddhartha Sankar Adhikari
Noted On: 30/11/2023 Time : 10:51:46

Forwarded To : Sitangshu Dhar

Please examine and put up.

ID: 024
Noted By: Sitangshu Dhar
Noted On: 30/11/2023 Time : 12:33:32

Forwarded To : Sujeet Kumar Jha

The instant proposal of the Project Authority has been examined and found to be technically in order. The works covered in the proposal, had been executed as per inspection report of the HRT by D&E and site requirements resulting in post award modifications of the works. It may be the financial and contractual aspects of the proposal is examined.

The proposal may be considered for technical recommendations by competent authority in terms of DoP Clause No. 15.1, Sec-I.

ID: 025
Noted By: Sujeet Kumar Jha
Noted On: 06/12/2023 Time : 12:51:22

Forwarded To : Sitangshu Dhar

The proposal is found to be technically in order. technical clearance may please be accorded. However, the financial and contractual aspects of the proposal is not examined.

Put up for further needful please.

ID: 026
Noted By: Sitangshu Dhar
Noted On: 07/12/2023 Time : 12:41:11

Forwarded To : Siddhartha Sankar Adhikari

The proposal is examined and Technical clearance accorded.

ID: 027
Noted By: Siddhartha Sankar Adhikari
Noted On: 08/12/2023 Time : 12:41:43

Forwarded To : Debjani Dey

The trailing notes may please be seen.

Based on the Technical Clearance of the ED (D &E), the proposal is recommended for CHQ Finance vetting prior to further processing.

ID: 028
Noted By: Debjani Dey
Noted On: 08/12/2023 Time : 16:31:07

Forwarded To : Dwijen Kumar

Dear Madam,

Please vet.

Regards

Dwijen Kumar

CGM(Fin)

ID: 029
Noted By: Dwijen Kumar
Noted On: 08/12/2023 Time : 17:01:09

Forwarded To : Cathleen Rupa Ranee

It has been proposed to obtain ex-post facto approval of change in the order for extra items / works executed under the contract awarded to M/s PES Engineers Pvt. Ltd. vide WO No.NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S/2021-22/4070 dated 17.12.2021 for Rs.2,72,46,178 excluding GST on nomination basis.

A revised WO No.NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S/2022-23/567 dated 26.05.2022 for Rs.2,73,43,170 excluding GST with changed BOQ was issued. Thereafter, another WO No.NEEPCO/KHEP/C&P(C)/F-05/2022-23/5446 dated 09.01.2023 was issued for execution of some extra works. As recorded, the total value of the revised work orders amount was Rs.5,89,97,762 excluding GST.

The aggregate value of work actually executed is Rs.4,38,49,939 before GST which includes BoQ items of Rs.39,10,858 and the extra items of Rs.399,39,081. The total deviation vis-a-vis the original contract value as per Clause 15(b), Section-I of the DoP is Rs.1,66,03,761, i.e. 60.94% above the original contract value.

It is noted that some extra items were executed on the basis of the inspection report of D&E and others were executed as per site requirements.

The proposal was recommended by the HoP with concurrence of site Finance and Technical clearance has been accorded by D&E. The proposal has been recommended by ED(O&M).

It is recorded that Technical approval is to be accorded by the ED(O&M) in terms of Clause 15.1 and change order requires approval of D(T) in terms of Clause 15.2, Section-I of the DoP.

In view of the above, the proposal may be agreed in Finance for approval of the competent authority in terms of Clause 15.1 and Clause 15.2, Section-I of the DoP.

Submitted please.

ID: 030
Noted By: Cathleen Rupa Ranee
Noted On: 12/12/2023 Time : 13:21:45

Forwarded To : Dwijen Kumar

Dear Madam,

Please check the item rate.

Regards

Dwijen Kumar

CGM(Fin)

ID: 031
Noted By: Dwijen Kumar
Noted On: 20/12/2023 Time : 15:18:28

Forwarded To : Cathleen Rupa Ranee

Please examine rates as per preceding notes of CGM(F).

ID: 032
Noted By: Cathleen Rupa Ranee
Noted On: 21/12/2023 Time : 21:19:51

Forwarded To : Thingujam Chanu Loyalembi

Preceding notes and attachments may please be seen

The extra work item rates from 12 to 16 (attached Annexure12) have been checked and and is found to be in order (attached Annexure) as provided by Shri Shashank Singh. The basis of the rate is given against the items in Remarks column.

Submitted please

ID: 033
Noted By: Thingujam Chanu Loyalembi
Noted On: 08/01/2024 Time : 18:28:58

Forwarded To : Cathleen Rupa Ranee
Attachments : Annexure**; Uploaded on :**08/01/2024 17:34:40

Forwarded

ID: 034
Noted By: Cathleen Rupa Ranee
Noted On: 16/01/2024 Time : 17:09:22

Forwarded To : Dwijen Kumar

Notes at trailing mail,

It is recorded that the rates of extra items are considered from the earlier W.O. rate, which is seems to be incorrect. Rate for extra items needs to be analyzed based on actual expenditure and in line with the RVP guidelines.

Hence the proposal is returned herewith.

Submitted Please

(Dwijen Kumar)

ED, O&M CGM(Fin)

ID: 035
Noted By: Dwijen Kumar
Noted On: 17/01/2024 Time : 11:44:20

Forwarded To : Bijit Kr. Goswami

Necessary clarifications on the views of CGM(F)Concurrence may please be provided.

ID: 036
Noted By: Bijit Kr. Goswami
Noted On: 19/01/2024 Time : 13:01:54

Forwarded To : Dilip Kumar Saikia

Please clarify

ID: 037
Noted By: Dilip Kumar Saikia
Noted On: 19/01/2024 Time : 18:21:39

Forwarded To : Utpal Borah

Trailing note at ID 0035 is noted.

Rates of the extra item need to be analysed based on actual expenditure as desired by Finance from the joint record/measurement.

For necessary action please.

DM(C) GM(C) HSM

ID: 038
Noted By: Utpal Borah
Noted On: 20/01/2024 Time : 00:09:24

Forwarded To : Shashank Singh

In reference to the observation of CGM(F) at Note ID 0035, clarification was sought from M/s PESEPL vide letter dated 20.01.2024.

M/s PESEPL vide their Letter No. PESEPL/KHEP/PS/2024/10 dated 24.01.2024(copy enclosed under attachments) had furnished their clarification as to why the rates taken from the earlier W.O are justifiable.

Justification for rate against each of the extra item is furnished in the table as under:-

Description of Work	Units	Quantity	Rate without GST	Amount without GST	Remarks	Justification for the rate
Extra Item						
Extra Item No. 12						
(i) Supply, Transportation, & Installation of rubber seal, seal seat and necessary bolts and other hardware for 1 set of Intake Bulkhead Gate as directed by Engineer In Charge						
a) double stem type rubber seal for side and top of the gate	RM	4.3	810.00	3483	Refer Annex-1 (Tax Invoice of Hyderabad Rubber Products)in the Notesheet attached.	The supply cost of the seal and the rates therewith are based on the actual expenditure incurred by the contactor and the same is subtantiated by the Invoice submitted by the contractor. Hence the rates are justified.
b) wedge type seal for bottom	RM	9.25	2700.00	24975		
c) Double stem type corner rubber seal	No.	2	4650.00	9300		
(ii) Fixing of above rubber seal with all tools and tackles	LS	1	320338.98	320338.98	Refer Sl. No 3.6.3 in Annex-2. The rate is taken from similar/analogous nature of work provided in the W.O NEEPCO/KHPS/C&P(C)/F-05/Kopili P.S/2021-22/2730 dtd. 30.09.2021 and is inclusive of GST and CP&OH.	This extra item pertains to the fixing of rubber seals to the gate and the rate for which is considered from similar/analogous nature of work from another W.O pertaining to the works of **"Repair and or Rebuild and or Replacement, Including Design, Supply, Fabrication, Erection, Testing and Commissioning of Hydro Mechanical Components of Umrong Water Conductor System Under Re-Construction, Renovation & Modernization of KHEP(4X50mw), Dist-Dima Hasao, Assam"** awarded to M/s PESEPL. Since the rate is taken from a contract awarded to same contractor in respect to works in the same project, the rate are justifiable since the River Valley Guidelines also do not specify any method to analyze the rate for fixing of rubber seal.
Extra Item No. 13						
(i) Supply of EM brake for Intake Bulkhead Gate as directed by Enginneer In Charge	Set	1	22713.56	22713.559	Refer Annex-3 (Invoice of Bombay Electric Motors) and rate is inclusive of GST.	The supply cost of the EM brake and the rates therewith are based on the actual expenditure incurred by the contactor and the same is subtantiated by the Invoice submitted by the contractor. Hence the rates are justified.
(ii) Installation of EM brake						
(a)Engineer	man days	4	4800.00	19200	Refer Annex-4 (Price Schedule-II) in the attached Notesheet or "referenceW.O" under attachments. The mandays rates mentioned therein are exclusive of GST.	The rate for the engagement of manpower to execute the work are the approved rates for Kopili for execution of the extra works hence the same is justified.
(b)Fitter	man days	4	3468.00	13872		
(c)Electrician	man days	4	3468.00	13872		

(d) Semi Skilled	man days	8	2148.00	17184		
Extra Item No. 14						
(i) Supply of Guide Shoe Springs for Intake Bulkhead Gate as directed by Engineer In Charge	No.	20	996.00	19920	Refer Annex-5 (Tax invoice of JS Spring Steel)	The supply cost of the Guide Shoe Springs and the rate therewith are based on the actual expenditure incurred by the contactor and the same is subtantiated by the Invoice submitted by the contractor. Hence the rates are justified.
(ii) Installation of Guide Shoe Springs			0.00	0		
(a)Engineer	man days	4	4800.00	19200	Refer Annex-4 (Price Schedule-II) in the attached Notesheet or "referenceW.O" under attachments. The mandays rates mentioned therein are exclusive of GST.	The rate for the engagement of manpower to execute the work are the approved rates for Kopili for execution of the extra works hence the same is justified.
(b)Fitter	man days	4	3468.00	13872		
(c)Electrician	man days	4	3468.00	13872		
(d) Semi Skilled	man days	8	2148.00	17184		
Extra Item No 15						
(i) Supply, Fabrication and Erection of Steel-liner at bend of Kopili Stg-II Anchor Block	MT	1.078	319000.00	343882	Refer Annex-7 (Rates for supply & transportation and for fabrication & erection are considered from similar/analogous nature of work provided in the BoQ item no. 2 & 3 respectively of the W.O No. NEEPCO/KHEP/C&P(C)/F-05/2020-21/3707 dated 19.12.2020).The rate in the referred W.O are exclusive of GST.	The contractor has justified the rates based on the following facts:- a) Despite the relatively lower volume of tasks, the execution required significant additional arrangements due to the challenging nature of the refurbishment on inclined terrain, posing considerable risk. A substantial platform had to be established for the work, entailing significant financial implications. b)Given the criticality of the job, special incentives were provided to all technicians and welders involved. Additionally, a specially fabricated working trolley was essential for the installation and welding of the liner. c)Mobilizing a separate team and vehicle for this relatively small task, especially considering the travel from Umrongso to Khandong, incurred additional costs.
(ii) Weld build up of corroded portion of steel-liner	kg	107	10883.72	1164558	Refer Annex-8 (Rate for weld build are considered from similar/analogous nature of work provided in the W.O NEEPCO/KHPS/C&P(C)/F-05/Kopili P.S/2022-23/724 dtd. 03.08.2022 against BoQ item no. 5.0)	
Extra Item No 16						
(i) Replacement of existing wire rope of Khandong Stg-II Surge Shaft Gate and supply & installation of the same with new set as per the direction of the Engineer-in-Charge	mtr	650	900.00	585000	Refer Annex-9 (Invoice No. MEI/22-23/070 dated 11.03.2023 of Madhavi Engineering Industries)	The supply cost of the wire rope and the rate therewith are based on the actual expenditure incurred by the contactor and the same is subtantiated by the Invoice submitted by the contractor. Hence the rates are justified.
(ii) Installation of above item including lubrication of rope drum hoist and attachment of wire rope with gate assembly and complete commissioning	Set	1	750000.00	750000	Refer Annex-10 (The rate for installation of wire rope are considered from similar/analogous nature of work provided in the W.O NEEPCO/KHPS/C&P(C)/F-05/Kopili P.S/2021-22/2730 dtd. 30.09.2021 against BoQ item no. 5.7.1). The rate in the referred W.O is inclusive of GST and CP&OH)	This extra item pertains to the installation of wire rope to the rope assembly and the rate for which is considered from similar/analogous nature of work from another W.O pertaining to the works of **"Repair and or Rebuild and or Replacement, Including Design, Supply, Fabrication, Erection, Testing and Commissioning of Hydro Mechanical Components of Umrong Water Conductor System Under Re-Construction, Renovation & Modernization of KHEP(4X50mw), Dist-Dima Hasao, Assam"** awarded to M/s PESEPL. Since the rate is taken from a contract awarded to same contractor in respect to works in the same project, the rate are justifiable since the River Valley Guidelines also do not specify any method to analyze the rate for installation of wire rope.

In view of the above justification, following points are put up for kind consideration of the competent authority.

- The proposal was for seeking technical approval of 5(Five) no. of extra works (Extra item 12 to 16) executed under the contract pertaining to "**Repair of Hydro-Mechanical components under R&M of Khandong Power Station (2X25 MW), Dist Dima Hasao, Assam"** awarded to M/s PESEPL.
- The extra works were executed by the contractor, as per the directions of the EIC, in urgency to commence HRT filling of Khandong system so as to generate power at the earliest.
- The rates for rubber seals, EM brake, Guide Shoe Springs, Wire Rope are taken as per the actual expenditure and same is justified through the invoices submitted by the contractor.
- The rates for services part like installation of rubber seal, fixing of wire rope etc are taken from similar/analogous works of another W.O's awarded to the same contractor in respect to the works in the same project. Since the rates are taken from the W.O's issued prior to the execution of extra work the rates are already on conservative side considering the fact that rates are not loaded with escalation which is in upward trend.
- The River Valley guidelines do not specify any methodology for analysis of rates in respect to installation of seals and wire rope and the usual practice is to consider a lumpsum rate for such works.
- Considering the criticality and difficulty of work such as erection of steel in-liner and weld build up at Khandong Stage-II Anchor block for which the contractor had to make additional arrangements, the rates taken are similar to those executed for comparable items in the same project and are justified as the rates derived from analysis considering the actual expenditure may even be higher than the referred rate and may have additional financial implication to the Corporation owing to the factor of price escalation for manpower, material, machinery, consumables etc which is in upward trajectory.

Submitted please.

ID: 039
Noted By: Shashank Singh
Noted On: 24/01/2024 Time : 22:35:49

Forwarded To : Utpal Borah
Attachments :PESLetterdtd24.01.2024**; Uploaded on :**24/01/2024 23:35:53

Trailing note pl.

Clarification to the observation of CGM(F) (at ID 0035) is given at the note of D.M.(C) (at ID 0039).

Views of M/s PESEPL in this regard is also received. DM© has mentioned few points in support of adopting the rates from other W.O. which are found reasonable and so recommended for acceptance by the competent authority.

Put up for kind perusal and further needful.

ID: 040
Noted By: Utpal Borah
Noted On: 26/01/2024 Time : 23:39:04

Forwarded To : Dilip Kumar Saikia

The justification furnished in previous notes 0039 & 0040 found reasonable and recommended for acceptance

ID: 041
Noted By: Dilip Kumar Saikia
Noted On: 30/01/2024 Time : 19:05:01

Forwarded To : Bijit Kr. Goswami

Clarifications provided at trailing workflows are endorsed for examination and concurrence please.

ID: 042
Noted By: Bijit Kr. Goswami
Noted On: 31/01/2024 Time : 11:30:15

Forwarded To : Dwijen Kumar

Dear Madam,

Please vet.

Regards

Dwijen Kumar

CGM(Fin)

ID: 043
Noted By: Dwijen Kumar
Noted On: 31/01/2024 Time : 16:39:08

Forwarded To : Cathleen Rupa Ranee

It is noted that the clarifications recorded at note no.0039 have been agreed and recommended by the HoP and ED(O&M).

It is seen that manpower rate considered in item no 13 (ii) and 14(ii) are higher than the rates claimed by the contractor. Further, the number of semi-skilled labour considered is 8 (eight) whereas the contractor has claimed for 4 (four).

Submitted please.

ID: 044
Noted By: Cathleen Rupa Ranee
Noted On: 02/02/2024 Time : 12:38:10

Forwarded To : Bijit Kr. Goswami

May please comment on notes of GM(F)Concurrence at workflow 0044.

ID: 045
Noted By: Bijit Kr. Goswami
Noted On: 03/02/2024 Time : 16:29:36

Forwarded To : Dilip Kumar Saikia

Please clarify

ID: 046
Noted By: Dilip Kumar Saikia
Noted On: 03/02/2024 Time : 17:20:14

Forwarded To : Utpal Borah

Please examine and resubmit.

ID: 047
Noted By: Utpal Borah
Noted On: 03/02/2024 Time : 17:48:55

Forwarded To : Shashank Singh

With reference to the observation of GM(F) under Note#0044, the clarification is furnished as under:-

1. The manpower rate considered by the contractor were taken from approved Schedule of Price (SOP) for man days rate of Engineer, Skilled, Semi-Skilled etc pertaining to maintenance of Turbine, generator etc of RHPS which were exclusive of GST. Since KHPS had its own approved rates the same were rectified considering the rates for KHPS {refer **Annex-4** (Price Schedule-II) in the attached **"Notesheet"** or **"referenceW.O"** under attachments. The rates therein are exclusive of GST}. As the rates considered in the proposal are inclusive of GST hence the rates are higher than the contractor.
2. The unit of measurement of semi-skilled manpower in the proposal is in man-days. The contractor has claimed for 2 no. for 4 days for EM brake replacement and another 2 no. for 4 days for guide shoe spring replacement for Intake Gate i.e 16 man-days all together which is been considered in the proposal and is correct.

Submitted please.

ID: 048
Noted By: Shashank Singh
Noted On: 05/02/2024 Time : 17:12:15

Forwarded To : Utpal Borah

Trailing notes of DM (C) at ID 0048 and at ID 001 may kindly be seen. Moreover, clarifications as sought under ID 0044 are furnished below.

1. The base rates of manpower, exclusive of GST(18%) and CP&OH (20%) charges, are as follows-

    a) As per NEEPCO schedule of rates (Annexure-4) is Rs. 4000 (Engineer), Rs. 2890 (Skilled) etc. For example, the rates will be as follows for Engineer, base rate Rs. 4000 X 1.2(CPOH)= Rs. 4800 (Exclusive of GST) Manpower_Base_Rates

    b) b) As per contractor's claim is Rs. 4289 (Engineer), Rs. 3055 (Fitter/Skilled) etc. For example, the rates will be as follows for Engineer, base rate Rs. 4289 X 1.2(CPOH)= Rs. 5146.80 (Exclusive of GST)

So, the claim of contractor is higher than the schedule of rates adopted by NEEPCO.

In both cases 4 nos. of semiskilled labourer worked for 2 days i.e. 8 man-days.

Submitted for kind perusal and further needful please.

ID: 049
Noted By: Utpal Borah
Noted On: 06/02/2024 Time : 11:43:25

Forwarded To : Shashank Singh
Attachments : Manpower_Base_Rates; **Uploaded on :**06/02/2024 11:50:42

File received due to error in workflow, sent back for further please.

ID: 050
Noted By: Shashank Singh
Noted On: 06/02/2024 Time : 12:14:52

Forwarded To : Utpal Borah

Trailing notes of DM (C) at ID 0048 and at ID 001 may kindly be seen. Moreover, clarifications as sought under ID 0044 are furnished below.

1. The base rates of manpower, exclusive of GST(18%) and CP&OH (20%) charges, are as follows-

    a) As per NEEPCO schedule of rates (Annexure-4) is Rs. 4000 (Engineer), Rs. 2890 (Skilled) etc. For example, the rates will be as follows for Engineer, base rate Rs. 4000 X 1.2(CPOH)= Rs. 4800 (Exclusive of GST) Manpower_Base_Rates

    b) b) As per contractor's claim is Rs. 4289 (Engineer), Rs. 3055 (Fitter/Skilled) etc. For example, the rates will be as follows for Engineer, base rate Rs. 4289 X 1.2(CPOH)= Rs. 5146.80 (Exclusive of GST)

So, the claim of contractor is higher than the schedule of rates adopted by NEEPCO.

In both cases 4 nos. of semiskilled labourer worked for 2 days i.e. 8 man-days.

Submitted for kind perusal and further needful please.

** Notes at ID 0049 and ID 0050 may kindly be ignored due to error in workflow.

ID: 051
Noted By: Utpal Borah
Noted On: 06/02/2024 Time : 12:17:27

Forwarded To : Dilip Kumar Saikia

Please examine and put up

ID: 052
Noted By: Dilip Kumar Saikia
Noted On: 06/02/2024 Time : 16:33:48

Forwarded To : Parag Saikia

Preceding notes may please be seen.

HQ Finance has raised query vide #0039 that manpower rate considered in item no 13 (ii) and 14(ii) are higher than the rates claimed by the contractor.

In this regard, it is still not clear why the climed-rates of the contractor are hiked with 20% Contractor's profit & Overhead (CP&OH) by the executing wing as the Contractor has neither claimed it nor shown it separately. **So, contractor's claimed-rate may be considered as already loaded with CP&OH.** The same may please be looked into.

DGM(C), O/o HoP

GM(C), HSM.

ID: 053
Noted By: Parag Saikia
Noted On: 08/02/2024 Time : 19:14:26

Forwarded To : Utpal Borah

For resubmission as per claim of M/s PESEPL .

ID: 054
Noted By: Utpal Borah
Noted On: 13/02/2024 Time : 11:09:39

Forwarded To : Shashank Singh

Trailing notes may please be seen.

With reference to the observations under Note#0053, clarifications is furnished as below:-

- Firstly, it is to clarify that the rates considered in the analysis are not the rates claimed by the contractor. The contractor has considered the rates from Schedule of Price of RHPS (copy enclosed as **RHPS-W.O**) for man days rate of Engineer, Skilled, Semi-Skilled etc pertaining to maintenance of Turbine, generator etc.
- Whereas the rates adopted in the analysis are already approved man-day rates for different types of manpower for execution of Extra works pertaining to KHPS **{refer Annex-4 (Price Schedule-II) in the attached "Notesheet" or "referenceW.O" under attachments}**. The rates are further loaded with CP&OH@20% as per CWC norms and the same is substantiated by perusing through Annexure-I of the attachment referred as **"referenceW.O"** where it can be seen that the basic rates for manpower are also further loaded with CP&OH@20%. The same is being followed in the analysis to maintain parity and correctness.
- Further since the claimed rates of contractor are not considered in the rate analysis therefore question of whether contractor rates are already loaded with CP&OH doesn't arise.

It is also pointed out that earlier the rates have been checked by Mgr(F),HQ Finance and the same were found to be in order as mentioned in the trailing note at ID#0033.

Submitted please.

ID: 055
Noted By: Shashank Singh
Noted On: 14/02/2024 Time : 20:36:03

Forwarded To : Utpal Borah
Attachments :RHPS_W.O**; Uploaded on :**15/02/2024 17:04:13

Trailing note of DM(C),HSM.

It is agreed that the rates considered in the analysis are not the rates claimed by the contractor. The contractor has considered the rates from Schedule of Price of RHPS for man-days rate of Engineer, Skilled, Semi-Skilled etc **pertaining to maintenance** of Turbine, Generator etc.But in the instant case , the rates adopted in the analysis are the already approved man-day rates for different types of manpower for **execution of Extra works pertaining to KHPS**.

Submitted for further needful please.

ID: 056
Noted By: Utpal Borah
Noted On: 26/02/2024 Time : 12:48:19

Forwarded To : Parag Saikia

Vide note at #0044, HQ Finance observed that ***"It is seen that manpower rate considered in item no 13 (ii) and 14(ii) are higher than the rates claimed by the contractor***. Further, the number of semi-skilled labour considered is 8 (eight) whereas the contractor has claimed for 4 (four)".

Regarding consideration of numbers of labour, the executing authority has replied (#0048 & #0051).

But, regarding manpower rates of item no 13 (ii) and 14(ii), further observations were raised from this end vide note at #0053 on the reply note of #0051 of executing authority, as **manpower rate considered in item no 13 (ii) and 14(ii) are still found higher than the rates claimed by the contractor. In this regard it is to be mentioned as below:**

Manpower rates for item 13(ii) & 14(ii) in the proposal considered by executing authority & claimed by M/s PES are shown below:

Type of the Manpower	Manday Rate (exclusive of GST) considered by Executing authority (in RS)	Rate(exclusive of GST) claimed by M/s PES	Remark (Found from attachments)
Engineer	4800/-	4289/-	Executing authority's rate based on rates from KHPS orders.* PES claimed rate is based on RHEP's order.**
Fitter	3468/-	3055/-	
Electrician	3468/-	3055/-	
Semi-skilled	2148/-	1880/-	

*(*From the language of attached "Annexure-IV (without date)", it can not be ascertained that it is an approved rate for KHPS **to be applicable for all cases** in KHPS. So, it is considered as earlier W.O. Rate. Base rate loaded with CP & OH charges agreed.*

***From the attached RHEP order, it is observed that the manpower rates are exclusive of GST only, and as such loading it again with contractor's profit & overhead charge by us do not arise as it can be derived that RHEP authority is also not paying it.)*

Finally, vide notes #0055 &#0056, the executing authority have given Justification for adopting higher rates than the rates claimed by M/s PES, wherein, they have mainly mentioned that the executing authority have not considered the contractors claimed manpower-rates in

the analysis. Instead, they have considered manpower rates already adopted for different types of manpower for execution of Extra works pertaining to KHPS to maintain parity.

But, the above justification vide notes #0055 &#0056, found difficult to accept at this end, on the logic that if a contractor claims lower rate than our practiced rate for a particular case, we should adopt the contractor's lower rate for **such an ex-post-facto approval of proposal,** and as such adopting higher rates for maintenance of parity in such cases may not be acceptable.

Examined & Submitted please,

DGM(C), O/o HoP, KHPS

CGM(Tech)/HoP, KHPS

ID: 057
Noted By: Parag Saikia
Noted On: 16/03/2024 Time : 20:07:55

Forwarded To : Susanta Deka

Preceding notes may be seen.

Specific reference to note at 0057 of DGM (C).

The proposal is returned.

ID: 058
Noted By: Susanta Deka
Noted On: 19/03/2024 Time : 10:32:30

Forwarded To : Utpal Borah

Trailing note .

Please review the proposal in line with the comments at ID 0057. With revised deviation statment pl. put up for further needful.

ID: 059
Noted By: Utpal Borah
Noted On: 20/03/2024 Time : 12:37:34

Forwarded To : Shashank Singh

May kindly refer the trailing notes.

In compliance to the observations of DGM(C) at ID 0057 to consider the manpower rates as claimed by the contractor, the rate analysis is modified considering the manpower rates claimed by the contractor hence the percentage deviation is revised to **60.88 %** and is shown as under:-

Sl. No.	Description	Amount (Without GST)	Remarks
1	Original contract sum	27246178.07	
2	Value of work executed (BoQ items)	3910858.34	Ref: Deviation Statement
3	Value of work executed (Extra items: Approved + yet to be approved)	39924097.10	Ref: Deviation Statement
4	Aggregate value of works executed (BOQ, extra/ substituted items) (2+3)	43834955.44	Ref: Deviation Statement
5	Aggregate value of work executed in excess of contract sum (4-1)	16588777.37	
6	**Deviation (5/1*100)**	**(+ve) 60.88%**	

Submitted please.

Revised_DeviationStatement_20.03.2024

RevisedRateAnalysis_20.03.2024

ID: 060
Noted By: Shashank Singh
Noted On: 20/03/2024 Time : 16:53:32

Forwarded To : Utpal Borah
Attachments : RevisedRateAnalysis_20.03.2024**; Uploaded on :**20/03/2024 17:15:41
Attachments : Revised_DeviationStatement_20.03.2024**; Uploaded on :**20/03/2024 17:14:05

Trailing note of DM(C) HSM pl.

The proposal is resubmitted with the rates of manpower as claimed by the contractor M/s PESEPL with a percentage of post award deviation during construction 60.88%.

Put up for technical approval and approval for issue of change order by the competent authority as per cl. 15, sec-I.

HOP pl. CGM(C) HSM

ID: 061

Noted By: Utpal Borah
Noted On: 20/03/2024 Time : 21:13:15

Forwarded To : Susanta Deka

Please examine and put up.

ID: 062
Noted By: Susanta Deka
Noted On: 21/03/2024 Time : 15:59:43

Forwarded To : Parag Saikia

Notes at #60 & #61 in response to note at #0057 may please be seen.

The executing authority has corrected the higher manpower rate by adopting the lower ones claimed by the contractor. Accordingly, the total financial involvement get reduced by little & new variation % is 60.88% in place of 60.94%.

The clarifications given by executing authority *[vide notes at #60 & #61 against note at #0057]*, in response to HQ Finance observation (note at #0044) may be agreed & forwarded to ED(O&M) for obtaining approval of the proposal from Director (Technical) for issue of change order in terms of DoP Clause 15.2, Sec-I in the line of note put up at #0016.

Submitted please.

DGM(C), O/o HoP

CGM(Tech)/HoP, KHPs

ID: 063
Noted By: Parag Saikia
Noted On: 21/03/2024 Time : 18:13:40

Forwarded To : Susanta Deka

Preceding notes may kindly be referred to.

Reply to the Corporate Finance note at #0057 had been detailed at notes at #60 & #61 of the proposing Office.

Accordingly, the TFI of the proposal got reduced & the revised variation is 60.88%.

The revised proposal as brought out is endorsed and recommended for obtaining approval of the Director (Technical) for issue of change order in terms of DoP Clause 15.2, Sec-I. Technical clearance has been accorded at note #0027.

Submitted please.

ID: 064
Noted By: Susanta Deka
Noted On: 22/03/2024 Time : 11:32:12

Forwarded To : Bijit Kr. Goswami

Clarifications provided may be seen, for examination and views, please.

ID: 065
Noted By: Bijit Kr. Goswami
Noted On: 22/03/2024 Time : 15:18:21

Forwarded To : Cathleen Rupa Ranee

In continuation to the observations of Finance.

It has been stated that the rates for services part like installation of rubber seal, fixing of wire rope etc. are taken from similar/analogous works of other Work Orders awarded to the same contractor in respect to the works in the same project which are already on conservative side since the rates have not been escalated.

It is recorded that "Considering the criticality and difficulty of work such as erection of steel in-liner and weld build up at Khandong Stage-II Anchor block for which the contractor had to make additional arrangements, the rates taken are similar to those executed for comparable items in the same project and are justified as the rates derived from analysis considering the actual expenditure may even be higher than the referred rate and may have additional financial implication to the Corporation owing to the factor of price escalation for manpower, material, machinery, consumables etc. which is in upward trajectory".

It has also been stated that the RVP guidelines do not specify any methodology for analysis of rates in respect to installation of seals and wire rope and the usual practice is to consider a lumpsum rate for such works.

The executing authority has also corrected the manpower rate by adopting the lower rates as claimed by the contractor and the total financial involvement has been accordingly reduced. The variation now stands at 60.88% in place of the earlier figure of 60.94%:

Sl. No.	Description	Amount (excluding GST)
1	Original contract sum	2,72,46,178.07
2	Value of work executed (BoQ items)	39,10,858.34
3	Value of work executed (Extra items: Approved + yet to be approved)	3,99,24,097.10
4	Aggregate value of works executed (BOQ, extra / substituted items) (2+3)	4,38,34,955.44

5	Aggregate value of work executed in excess of contract sum (4-1)	1,65,88,777.37
	Deviation	**(+) 60.88%**

As mentioned earlier, some extra items were executed on the basis of the inspection report of D&E and others were executed as per site requirements.

The proposal has been recommended by ED(O&M).

It is recorded that technical approval is to be accorded by the ED(O&M) in terms of Clause 15.1 and change order requires approval of D(T) in terms of Clause 15.2, Section-I of the DoP.

In view of the above, the proposal may be agreed in Finance for approval of the competent authority in terms of Clause 15.1 and Clause 15.2, Section-I of the DoP.

Submitted please.

ID: 066
Noted By: Cathleen Rupa Ranee
Noted On: 26/03/2024 Time : 10:40:19

Forwarded To : Dwijen Kumar

Notes at trailing mail,

The total deviation of Rs.1,65,88,777.37 i.e. 60.88% above the original contract value is agreed in Finance for approval of the competent authority in terms of DoP Clause No. 15.1 and Clause 15.2 of Section-I.

Submitted please.

ID: 067
Noted By: Dwijen Kumar
Noted On: 26/03/2024 Time : 17:30:47

Forwarded To : Bijit Kr. Goswami

Trailing notes are referred.

The instant proposal is about ex-post facto approval for issue of change order resulting from extra items / works against Repair of hydro-mechanical components under R&M of Khandong PS.

The work was carried out through M/s PES Engineers Pvt. Ltd. against POs dated 17/12/2021, 26/05/2022 and 09/01/2023.

Against the original Contract Value of Rs. 2,72,46,178.07 excluding GST, the total executed amount has become 4,38,34,955.44, with a deviation of + 60.88%.

Technical Approval for the above has already been accorded at workflow 0027 on receipt of Technical Clearance of D&E department. Further, corporate finance department has also concurred with the proposal. The same is accordingly recommended for kind perusal and approval of Director (Technical) for issue of change order, in terms of Clause No. 15.2, Section I of DOP.

ID: 068
Noted By: Bijit Kr. Goswami
Noted On: 27/03/2024 Time : 13:47:01

Forwarded To : Ranendra Sarma

Please examine and put up

ID: 069
Noted By: Ranendra Sarma
Noted On: 27/03/2024 Time : 15:12:46

Forwarded To : Diganta Goswami

May please refer to the trailing notes.

Technical sanction of the proposal shall be required for obtaining approval of the Director (Technical) in terms of cl. 15.2, Section I of the DoP.

Forwarded for your kind perusal and needful please.

ID: 070
Noted By: Diganta Goswami
Noted On: 01/04/2024 Time : 08:23:50

Forwarded To : Bijit Kr. Goswami

Based of technical clearance of D&E department at workflow 0027, Technical Approval on the proposal is hereby accorded.

For approval of Director(Technical) please, for issue of change order, in terms of Clause No. 15.2, Section I of DOP.

ID: 071
Noted By: Bijit Kr. Goswami
Noted On: 03/04/2024 Time : 19:04:31

Forwarded To : Diganta Goswami

The proposal seeking ex-post facto approval of change in order of extra items / works executed under the original contract "Repair of hydro-mechanical components under R&M of Khandong Power Station (2X25 MW), Dis- Dima Hasao, Assam" may kindly be seen.

The variation from the original contract sum as noted is shown below:

Sl. No.	Description	Amount (excluding GST)
1	Original contract sum	2,72,46,178.07
2	Value of work executed (BoQ items)	39,10,858.34
3	Value of work executed (Extra items: Approved + yet to be approved)	3,99,24,097.10
4	Aggregate value of works executed (BOQ, extra / substituted items) (2+3)	4,38,34,955.44
5	Aggregate value of work executed in excess of contract sum (4-1)	1,65,88,777.37
	Deviation	**(+) 60.88%**

The CGM (F). Concurrence has agreed to the proposal vide FLM Note 067 Dated 26-03-2024.

The ED (O&M) has accorded the Technical Approval in the trailing note 0071

The proposal for change order in terms of Clause 15.2, Section-I of the DoP is put up for favour of your kind perusal and approval please.

ID: 072
Noted By: Diganta Goswami
Noted On: 03/04/2024 Time : 19:09:45

Forwarded To : Ranendra Sarma

Approved

ID: 073
Noted By: Ranendra Sarma
Noted On: 04/04/2024 Time : 16:02:17

Forwarded To : Diganta Goswami

The endorsement of the Director (Technical) is forwarded for your kind perusal please.

ID: 074
Noted By: Diganta Goswami
Noted On: 04/04/2024 Time : 17:15:47

Forwarded To : Bijit Kr. Goswami

Technical Approval of ED(O&M) and approval for issue of change order accorded by Director (Technical) may please be seen, for further needful.

ID: 075
Noted By: Bijit Kr. Goswami
Noted On: 05/04/2024 Time : 09:45:34

Forwarded To : Susanta Deka

Preceding notes be referred,

Approval of D(T) be seen for taking further necessary action please.

ID: 076
Noted By: Susanta Deka
Noted On: 06/04/2024 Time : 17:51:14

Forwarded To : Chandra Prasad Saikia

Please prepare draft conveying approval of DT for issue of change order against execution of extra item**s** "**Conducting of Ultra sonic Testing on trash rack guide channel of Khandong Intake and its enabling works like arranging winch working platform etc**." pertaining to the original work **"Renovation & Modernization of Khandong Power Station (2x25 MW) Dist- Dima Hasao Assam"** awarded in favour of M/s PES vide W.O. No. NEEPCO/KHEP/C&P (C)/F-05/Kopili P.S/2021-22/4070 dated 17.12.2021.

ID: 077
Noted By: Chandra Prasad Saikia
Noted On: 06/04/2024 Time : 20:33:46

Forwarded To : Biswajit Sinha

Draft placed for signing

ID: 078
Noted By: Biswajit Sinha
Noted On: 08/04/2024 Time : 12:25:45

Forwarded To : Chandra Prasad Saikia

Please attached a scan copy of order with this proposal

ID: 079
Noted By: Chandra Prasad Saikia
Noted On: 23/04/2024 Time : 19:00:36

Forwarded To : Biswajit Sinha

As desired scan copy is attached

ID: 080
Noted By: Biswajit Sinha
Noted On: 24/04/2024 Time : 12:04:59

Forwarded To : Chandra Prasad Saikia
Attachments : Revorder**; Uploaded on :**24/04/2024 12:06:17

Order has been issued conveying approval of DT for issue of change order against execution of extra item**s** "**Conducting of Ultra sonic Testing on trash rack guide channel of Khandong Intake and its enabling works like arranging winch working platform etc**." pertaining to the original work **"Renovation & Modernization of Khandong Power Station (2x25 MW) Dist- Dima Hasao Assam"** awarded in favour of M/s PES vide W.O. No. NEEPCO/KHEP/C&P (C)/F-05/Kopili P.S/2021-22/4070 dated 17.12.2021.

For release of SAP order , PR may be submitted from HSM please.

ID: 081
Noted By: Chandra Prasad Saikia
Noted On: 24/04/2024 Time : 19:54:53

Forwarded To : Utpal Borah

Trailing note.

PR may be submitted from HSM please.

ID: 082
Noted By: Utpal Borah
Noted On: 25/04/2024 Time : 10:50:01

Forwarded To : Shashank Singh

L

REPORT ON INSPECTION OF KHANDONG HEAD RACE TUNNEL

The undersigned along with project engineers made inspection of Head Race Tunnel of Khandong System and associated Hydro Mechanical Equipment on 8th February 2022. Findings of the joint inspection are enumerated below:

Major stretch of the HRT was found to be in order. However, damage patches have been observed particularly in 3 (three) locations viz. Crown portion & at Springing Level on both sides. In certain cases it has been observed that the damaged portion extended beneath into the support system exposing the reinforcement, etc. In some cases, it is observed that the cement & sand has been eroded exposing the course aggregates. Incidents of loosening of course aggregates with minor hammering have also been observed in some locations. Incidents of seepage has also been observed at several locations. Further, the tunnel invert has also been found to be damaged. However, presence of pockets as mentioned earlier in the 3 (three) locations has not been observed in the invert portion.

On the basis of preliminary visual inspection, following remedial measures has been suggested to tackle the aforesaid damages:

1. In the locations, where the extent of damage is only in the surface & not extended into the support system/ lining, repairing may be carried out as follows:
   - Surface preparation with removal of damaged concrete, removal of loose aggregates.
   - Routing of seepage/ drainage, if any.
   - Application of bonding agent of reputed manufacturer into the prepared surface. However, hydrophilic/ hydrophobic nature of the bonding agent must be ensured prior to application and the selected bonding agent shall be applicable in wet surfaces.
   - Repairing of the damaged portion with modified mortar i.e. cement mortar with proper bonding additives. Quick setting mortar may be applied as per is suitability as per site conditions.
2. In the locations, where the extent of damage is extended into the support system/ lining including formation of cavity, repairing may be carried out as follows:
   - Surface preparation with removal of damaged concrete, removal of loose aggregates.
   - Routing of seepage/ drainage, if any.
   - Application of bonding agent of reputed manufacturer into the prepared surface. However, hydrophilic/ hydrophobic nature of the bonding agent must be ensured prior to application and the selected bonding agent shall be applicable in wet surfaces.
   - Drilling of Rock anchors and fixing with cementitious grout/ cement capsules into the cavity. The rock anchors shall be of suitable length and shall be made flush with the concrete lining surface. The spacing of the rock anchors shall not be more than 3 (three) times the thickness of the cavity.
   - Fixing of reinforcement of suitable dia. & spacing with the rock anchors.
   - Filling up of the cavity with high strength concrete/ packed aggregated with cementitious grout. The concrete/ cementitious grout shall be suitably modified with addition of bonding additives.
3. In the locations, where the cement has been eroded exposing the course aggregates, repairing may be carried out as follows:
   - Suggestions already mentioned under point no. 1.
4. Repairing of damages in Invert Portion, where depth of damage is more than 50mm:
   - Surface preparation with removal of damaged concrete, removal of loose aggregates.
   - Drilling of anchors at suitable spacing into the tunnel bed. The length of anchoring is approx. 200mm (100mm into the tunnel bed).
   - Repairing of the damaged portion with high strength concrete (with 10mm down aggregates). The concrete shall be suitably modified with addition of bonding additives.

5. Repairing of minor damages in Invert Portion, where depth of damage is less than 50mm:
   - Surface preparation with removal of damaged concrete, removal of loose aggregates.
   - Repairing of the damaged portion with modified mortar i.e. cement mortar with proper bonding additives. Quick setting mortar may be applied as per is suitability as per site conditions.

The observations vis-a-vis rehabilitation measures in regards to the underwater components of Hydro Mechanical Equipments are as below:

1. Trash Rack :
   a. The guide channels were found to be corroded severely. A new guide channel made up of stainless steel of suitable thickness shall be installed after removing existing guide channels.
   b. The trash rack panels are also found corroded. However, the same could be put into service after doing repairing of the panels. The loss in thickness of the components viz. Flats and channels are to be ascertained and wherever reduction in thickness is more than 2 mm the same may be replaced. After repair, the panels are to be sand blasted and painted with glass flakes epoxy paints.
2. Intake Stoplogs:
   a. The seal seat and roller tracks were found to be in order.
   b. The Guide track found to be corroded and the same are to be replaced.
   c. The sill beams are damaged and needs to be refurbished.
   d. The Gate groove may be lined with stainless steel to prevent further deterioration of the Embedded parts of the stoplogs.
3. Intake Gate and Surge Shaft Gate :
   a. The steel lining provided on the u/s and d/s of the Intake and surge shaft Groove are corroded and the same are to be relined with stainless steel of 20 mm thick plate. The liner shall be fixed to the existing concrete with suitable anchors and the gap behind the liner shall be filled by cement grout.
   b. The existing Roller Track, Sill Beam and seal seat are found to be in order and the same may be used.
   c. The groove liner and guide track are completely corroded and the same may be replaced with stainless steel of suitable thickness. The thickness of liner may be decided after actual site measurement duly considering unhindered movements of the Gates in the existing grooves of surge shaft and intake shafts.

09/2/2022

(Mr. J. Zeliang)
CGM (C), D&E

(Mr. D. Sarma)
Sr. M (C), D&E

09.02.2021

(Mr. S. K. Jha)
Sr. M (C), D&E

नॉर्थ ईस्टर्नइलेक्ट्रिकपावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPOR D.
(भारत सरकार का उद्यम)/ (A GOVERNMENT OF INDIA E
सी एण्ड पी (वैं) स्कंध / CONTRACT & PROCUREMENT (EL.) WING
कोपिली जल विद्युत संयत्र, उमरॉग्सो /KOPILI HYDRO ELECTRIC PLANT, UMRANGSO
Tel 03670-288241, Fax 03670-288254/ 288240

ISO 9001-2015
ISO 14001-2015
OHSAS 45001-2018

No: NEEPCO/KHPS/ C&P (C)/F- 05 /2022-23/ 5446 **Date:** 09/01/2023,

To

M/s PES Engineers Pvt. Ltd.
1st Floor, Pancom Chambers,
6-3-1090/1A, Raj Bhavan Road
Somajigoda , Hyderabad-500 082

email id: info@peseng.net
Fax No.: 040 -23311348

Sub: "Repair of Hydro-Mechanical components under R & M of Khandong Power Station (2x25 MW), Dist-Dima Hasao, Assam" – **Approval of Extra Items thereof.**

Ref:

1. W.O.No: NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S./2021-22/4070, Dtd:17.12.2022
2. Revised order No: NEEPCO/KHEP/C&P(C)/F-05/Kopili P.S./2022-23/567, Dtd:26.05.2022

Dear Sir(s),

With reference to the above; The North Eastern Electric Power Corporation Ltd. is pleased to convey the approval of the Extra Items against the above mentioned work being executed by you as per scope and rate of the items indicated at Annexure-I (copy enclosed). This will be regulated under the terms and conditions of the work referred above.

Thanking you.

Yours Faithfully,

DGM (E), C&P
KHPS, NEEPCO Ltd., Umrongso

No: NEEPCO/KHPS/ C&P(C)/F-05 /2022-23/ 5447-50 **Date:** 09/01/2023,

Copy to:

1. The HOP, KHPS for favour of kind information please. This has reference to his approval vide U.O. No. 4800, dtd. 06.01.2023
2. The GM (C), HSM-I, KHPS, for favour of kind information and necessary action please. A copy of the approval is enclosed herewith.
3. The DGM (Fin), KHPS for information and necessary action please. A copy of the approval is enclosed herewith.
4. The DGM (C), Vigilance, KHPS for information please.

09/01/2023

DGM (E), C&P
KHPS, NEEPCO Ltd., Umrongso

Sri Shaktale 13/1/23

T-104 Shaktale 13/01/23

दिनांक / Dtd. 12/01/23
एचएसएम / HSM
खेप, नीपको लि., उमरॉग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

नॉर्थ ईस्टर्नइलेक्ट्रिकपावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
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Tel 03670-288241, Fax 03670-288254/ 288240
ISO 9001-2015
ISO 14001-2015
OHSAS 45001-2018

Annexure-I

Bill of quantity

Name of Work: Repair of Hydro-Mechanical components under R & M of Khandong Power Station (2X 25 MW), Dist-Dima Hasao, Assam (Extra items)

Sl. No.	*Description of Item*	*Unit*	*Quantity*	*Rate (INR) excluding GST*
Extra Items:				
1	**Extra item No-1**: Conducting ultrasonic test on Trash Rack Guide Channel of Khandong Intake (Already approved)	Spots	72	1000.00
2	**Extra item No-2**: Enabling works like arranging winch, working platform (Already approved)	LS	1	25000.00
3	**Extra item No-3**: Intake Stoplog Gate:			
	(i) Dismantling of concrete and removal of existing 2nd stage embedded parts (for I Nos. of opening) comprising of sill beam, track beam. lintel beam, guide. bumper block etc. including transportation of removed steel materials uprc central store, all tools. tackles. plant. labour etc, complete as per technical specification.	Cum	15	13800.00
	(ii): Design. Supply and in stallation of I st stage Anchors in existing concrete alongwith chemical injection including all plants, tools, tackles, labour etc complete as per technical specification complete.	Nos	230	1711.86
	(iii): Design, supply. fabrication. transportation and installation 2nd stage embeded parts (for) nos. of opening) comprising of sill beam, track beam. lintel beam, guide, bumper block etc and other embedments as required as per technical specification complete. The work shall be inclusive of all tools. tackle. manpower, machineries etc.	MT	5	427118.64
4	**Extra item No-4:** Supply, fabrication, transportation. handling, site storage, erection and commissioning (including provision for all labour, tools and tackles) of stainless steel cladding with 10 mm & 20 mm thick plate conforming to ASTM-240 Gr. 304 at Intake Bulk heads gate of Khandong WCS complete in all respect as per design. drawing and technical specification to the satisfaction of the Engineer-In-Charge.	MT	13.564	9,28,643.00

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Tel 03670-288241, Fax 03670-288254/ 288240

ISO 9001-2015
ISO 14001-2015
OHSAS 45001-2018

Sl. No.	Description of Item	Unit	Quantity	Rate (INR) excluding GST
5	**Extra item No-5:** Supply. fabrication, transportation, handling. site storage, erection and commissioning (including provision for all labour. tools and tackles) of stainless steel cladding with 10 mm & 20 nun thick plate conforming to ASTM-240 Gr. 304 at Intake Stop log Gate of Khandong WCS complete i.n all respect as per design, drawing and technical specification to the satisfaction of the Engineer-ln-Charge.	MT	2.294	9,28,643.00
6	**Extra item No-6:** Supply, fabrication, transportation, handling, site storage, erection and commissioning (including provision for all labour, tools and tackles) of stainless steel cladding with 10 mm & 20 mm thick plate conforming to ASTM-240 Gr. 304 at 2 nos. of Surge shaft Gates at Khandong WCS complete in all respect as per design, drawing and technical specification to the satisfaction of the Engineer-In-Charge.	MT	16.402	9,28,643.00
7	**Extra item No-7:** Preparation of fabrication drawings	LS	1	3,69,019.00
8	**Extra item No-8:** Sand Blasting and painting of 30 Nos of trash Rack panels with glass flakes epoxy as per Technical specifications complete including all tools, tackles, manpower. machineries etc	Sqm	1018.00	2800.00
9	**Extra item No-9:** Design, supply, fabrication, transportation and installation of rubber seals, seal seat and necessary bolts and other hardware complete as per technical specifications for I sets of under stoplog gate comprising of element as detailed below:			
	(a) Supply of Music note type rubber seal for side and top of gate	RM	20.305	1922.03
	(b) Supply of wedge type seal for bottom	RM	20.525	1761.86
	(c) Fixing of above rubber seal including supply of seal seat, nuts and bolts and all hardware	LS	1	2,80,000.00

नॉर्थ ईस्टर्नइलेक्ट्रिकपावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम)/ (A GOVERNMENT OF INDIA ENTERPRISE)
सी एण्ड पी (वैं) स्कंध / CONTRACT & PROCUREMENT (EL.) WING
कोपिली जल विद्युत संयत्र, उमरॉग्सो /KOPILI HYDRO ELECTRIC PLANT, UMRANGSO
Tel 03670-288241, Fax 03670-288254/ 288240

ISO 9001-2015
ISO 14001-2015
OHSAS 45001-2018

Sl. No.	*Description of Item*	*Unit*	*Quantity*	*Rate (INR) excluding GST*
10	**Extra item No-10:** Design, supply, fabrication, transportation and installation of rubber seals, seal seat and necessary bolts and other harware complete as per technical specifications for I sets of under sluice gate as detailed below:			
	(a): Double Stem type rubber seal for side and top of gate.	RM	12.90	1922.03
	(b): Wedge type seal for bottom	RM	3.70	1761.86
	(c): Fixing of above rubber seal including supply of seal seat, nuts and bolts and all hardware	LS	1	3,20,338.98
11	**Extra item No-11:** Transportation of the Trash rack from Kahndong site to Sand Blasting site at Umrong Intake	LS	LS	9,60,000.00

09/01/2023
DGM (E), C&P
KHPS, NEEPCO Ltd., Umrongso

T-8

ANNEXURE-B'

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम)/ (A GOVERNMENT OF INDIA ENTERPRISE)
सी एण्ड पी (वैं) स्कंध / CONTRACT & PROCUREMENT (EL.) WING
कोपिली जल विद्युत संयत्र, उमरॉग्सो /KOPILI HYDRO ELECTRIC PLANT, UMRANGSO
Tel 03670-288241, Fax 03670-288254/ 288240

ISO 9001-2015
ISO 14001-2015
OHSAS 45001-2018

प्राप्ति सं / Receipt No. 658
दिनांक / Dtd. 27/05/22
KHEP, NEEPCO Ltd. Umrangso, Assam

No.: NEEPCO/KHPS/C&P(C)/F-05/ Kopili P.S. / 2022-23/ 567 Dated: 26/05/22

To

M/s PES Engineers Pvt. Ltd.
1st Floor, Pancom Chambers ,
6-3-1090/1/A, Raj Bhaban Road,
Somajiguda, Hyderabad-500 082.

Kind Attn.: V.V Krishna Rao
Fax No.: 040-23311348
Phone no.: 040-23311740/ 23311194
Email: info@peseng.net

Sub: Revised Work order for "Repair of Hydro-Mechanical components under R & M of Khandong Power Station (2X 25 MW), Dist-Dima Hasao, Assam".

Ref:

1. W.O. No.: NEEPCO/KHEP/C&P(C)/F-05/ Kopili P.S. / 2021-22/4070, Dated:17.12.2021
2. Your letter No: PESEPL/KHEP/PS/2022/027, dtd. 21.02.2022

Sir,

Please refer to the above. The North Eastern Electric Power Corporation Ltd. is pleased to place this revised order for the above-mentioned work already executed by you as per the items and rates mentioned at **Annexure-I (Bill of Quantity)** under the same terms & conditions of the previous work order.

The executed value or the deviated contract value now stands at **Rs 2,73,43,170.00 (Rupees Two Crore Seventy Three Lakh Forty Three Thousand One Hundred Seventy)** only excluding **GST.**

Thanking you.

Yours faithfully

GM (C), C&P
KHPS, NEEPCO Ltd., Umrongso

Memo No: NEEPCO/KHPS/C&P(C)/F-05/ Kopili P.S. / 2022-23/ 568-74 Dated: 26/05/22

Copy to:

1. The D (T), NEEPCO Ltd. for favour of kind information please.
2. The ED (O&M), NEEPCO Ltd. for favour of kind information please.
3. The HOP, KHPS for favour of kind information please. This has reference to his approval vide conveyed vide U.O. No. 532, Dtd. 17.05.2022.
4. The GM (C), KHPS for favour of kind information and necessary action please.
5. The GM (C), HSM, KHPS for favour of kind information and necessary action please.
6. The DGM (Fin), KHPS for information and necessary action please.
7. The DGM (C), Vigilance wing, KHPS, NEEPCO Ltd.-for information please.

Shri S. Singh, DM(C) / Shri R. Baruah, DM(C)
for info pl.
27/5

26/5

GM (C), C&P
KHPS, NEEPCO Ltd., Umrongso

North Eastern Electric Power Corporation Limited

Miniratna: Category-I PSU, A fully Owned Subsidiary of NTPC Ltd.

KHANDONG STAGE I
Umrongso-788931, ASSAM, INDIA
Tel. No. ;E-Mail:

Purchase Order-3700013409 / Dt : 28.06.2025 **Rev.No. 1/28.06.2025**

To,

Vendor Name	:	RAMSING RONGHI
Vendor Code	:	500382
Address	:	NEW GARAMPANI,UMRONGSO,DIMA HASAO,
	:	UMRONGSO,788931, Assam, India
Contact No	:	8133832983
Email ID	:	ronghiworkscontract@gmail.com,
PAN No.	:	AUOPR4108G
GSTIN No.	:	18AUOPR4108G1ZD

Sub: Detailed work order for "Construction of Gabion Structure for slope protection work at both side of the HPT portal at Khandong Y-Piece Location KHPS Umrongso Assam."

Ref:
1. Your letter RSR/RvseRateAftrNqt/A-1/2025-26/ 14 dated: 18.06.2025
2. MOM Dated: 29.05.2025
3. Your bid submitted online in response to the NEEPCO's NIT No. KHPS/C&P/2024-25/499 dated 30.01.2025
4. NIT No. KHPS/C&P/2024-25/499 dated 30.01.2025

Dear Sir/Madam,

With reference to the above, the North Eastern Electric Power Corporation Limited (hereinafter referred to as the "Corporation") is pleased to place this order for exectuion of the above mentioned work with Shri. Ramsing Ronghi, Umrongso, under following terms and conditions:

S.No	Service Code	Service Des.	Qty.	Unit			Total Price
20		Construction of Gabion structure	1.000	AU			15,420,070.62
20.10	10010772	Earthwork excavatn manual/mechanical	439.875	M3	Basic Price	79.93	35,159.21
					CGST %	9.00%	3,164.00
					SGST %	9.00%	3,164.00
					Total		41,487.21
20.20	10001541	Providing Gabion strctr (stone supplied)	2757.000	M3	Basic Price	4,727.13	1,30,32,697.41
					CGST %	9.00%	11,72,943.00
					SGST %	9.00%	11,72,943.00
					Total		1,53,78,583.41
					Total Basic Price		1,30,67,856.62
					Total CGST %		11,76,107.00
					Total SGST %		11,76,107.00
					Total PO Val.		1,54,20,070.62

ONE CRORE FIFTY FOUR LAKH TWENTY THOUSAND SEVENTY Rupees SIXTY TWO Paise Only

TERMS AND CONDITIONS

1. Scope:

The scope of works under this contract shall be Construction of Gabion Structure for slope protection work at both side of the HPT portal at Khandong Y-Piece Location KHPS Umrongso Assam. However the work shall be carried out as per Bill of Quantity, drawing and as directed by EIC or his representative.

2. Value:

Total contract amount shall be Rs. 15,420,070.62 including GST.

3. Price Basis:

4. Taxes:

Rates are inclduing all taxes.

5. Contract Performance Guarantee/Security Deposit:

Security Deposit of 10% (Ten percent) on the total value of the work actually executed inclusive of escalation and value of extra works etc. will be deducted from every interim payment made on account of this work for the due performance of the Contract as per provisions of Clause 4, Sec-III GENERAL TERMS AND CONDITIONS OF CONTRACT of the Bid Document.
Security deposit shall be released after the end of defect liability period of 01 (One) year from the date of completion of work.

6. Delivery Period/ Completion Time/ Contract Period:

Total contract period for the work in all respect shall be 03 (Three) months from the date of issue of this order.

7. Consignee (Storage Location address) /Engineer In-charge:

CGM (Tech) HSM KHPS NEEPCO Ltd.

8. Payment Terms:

Interim payment will be released as stated below subject to satisfactory progress of work on acceptance of the EIC.
General: The payment to the contractor for performance of works under the Contract will be made by the Corporation as the guidelines and conditions specified herein.
Terms of Payment:
i. Interim bill shall be submitted by the contractor monthly on or after the date fixed by the Engineer- In-Charge for the work executed. The Engineer-In-Charge shall then arrange to have the bill verified with reference to the measurements recorded in the measurement book(s).
ii. Payment on account for the amount admissible shall be made by the Engineer-In-Charge certifying the sum to which the contractor is considered entitle by way of interim payment for the work executed, after deducting the amount already paid, the security deposit and such other amount deductible in terms of the contract. Advance payment, if any, made on account of this contract shall be deducted from interim bills.
iii. Payment of the contractor shall be made by the Corporation within 30 (thirty) days from the date of submission of bills subject to the acceptance of the bills by the Engineer-In-Charge.

9. Paying Authority:

Manager (F) KHPS NEEPCO Ltd.

10. Guarantee/Warranty:

11. Penalty/Liquidated Damages:

The time allowed for carrying out the work as stipulated in the contract or any extended period (not due to the fault of the contractor) as may be allowed shall be strictly observed by the contractor and shall be reckoned from the date on which order to commence work is given to the contractor. The work shall be throughout the stipulated period of the contract be proceed with all due diligence, time being the essence of the contract on the part of the contractor. The contractor shall be liable to pay as compensation @ 0.5% of contract amount per week of delay, subjected to maximum of 10% of the whole contract amount.

12. Jurisdiction of Court:

Shillong.

13. Other Terms & Conditions:

1. FRCC: Advance Forest Royalty (as per applicability) is to be paid by the contractor against the work to the following Council PLA with an intimation to the DFO, Dima Hasao Forest Division (West), Haflong:
K- Deposit and Advance,
(b) Deposit not bearing interest 8443 Civil Deposit, 120 Deposit of Autonomous Dist. and Regional fund (Assam), (ii) N.C. Hills Dist. Council
2. The contractor shall be responsible for adopting all safety measures as relevant to the work and security of workmen

employed shall be his sole responsible.
3. EPF & MP Act 1952: The contractor shall comply with the provision of the Act.
4. Agreement:Please attend this office along with Non-Judicial stamp paper of Rs.100.00 (Rupees Hundred) only for signing the formal agreement.
5. You are requested to start the work immediately in consultation with EIC.

14. Attachment:

15. Last Para

Thanking you,
Yours faithfully,

(Signature)

Name : Amrit Kumar Borah
Designation : Sr. Manager (E/M) i/c C&P
Mobile :
Email ID : contract.khep@gmail.com

North Eastern Electric Power Corporation Limited

KHANDONG STAGE I
Umrongso-788931, ASSAM, INDIA
Tel. No. ;E-Mail:

Service Details

Line Item	Service Code	Service Des.	Qty.	UOM	Plant
10.10	10010772	**SERVICE LONG TEXT:** Earth work in excavation by mechanical means (Hydraulic excavator/Manualmeans in foundation trenches or drains (not exceeding 1.5m in width or 10sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m including getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50m.All kinds of soil	439.875	M3	KHHEP
10.20	10001541	**SERVICE LONG TEXT:** Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012,MORTH Clause 2500, of required size, Mesh Type 10x12(D=100 mm with tolerance of ± 2%) Zinic+PVC coated, Mesh wire diameter2.7/3.7mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2/3.2mm(ID/OD), supplied @3% by weightof Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per directions of Engineer-incharge. (Stone material has to be procured and supplied by the Contractor).	2757.000	M3	KHHEP

नार्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लि.
(भारत सरकार का उपक्रम)
NORTH EASTERN ELECTRIC POWER CORPORATION
(Mini Ratna Category-1, A Govt. of India Enterprise)
Office of The Chief General Manager (Tech)
KHPS, Umrongso, Pin: 788931
A wholly owned subsidiary of NTPC Ltd.

T-110

No: NEEPCO/KHPS/CGM (C)/HSM/T-110/2024-25/ 101 Date 21/03/2025.

To,
The Manager (F),
KHPS, NEEPCO Ltd,
Umrongso, Dima Hasao, Assam.

Sub: - Submission of bill for providing stone ballast at GT pit of khandong Power Station.
Sir,

Enclosed please find herewith the following bills in duplicate along with enclosures Mentioned below for your necessary action please.

SL No	Divn, Bill No. & Date.	Name of party/contractors.	PO. No.	MB, NO.	Amount.
1	2	3	4	5	6
1	KHPS/CGM(C)/HSM/ T-110 /2024-25/ 118 DTD 21/03/2025	Ramsing Ronghi	3700010824	10160	Rs 165200/-

Yours' faithfully,

21/3

CGM (civil) HSM,
KHPS, Umrongso.

North Eastern Electric Power Corporation Limited

Miniratna : Category-I PSU, A fully Owned Subsidiary of NTPC Ltd.

SERVICE ENTRY SHEET

Service Entry Sheet No	: 1000049918	**Service Entry Date**	: Dec 28, 2024	
Entry Made by	: 5212 (BHUPEN BORKAKATI)			
Plant	: 1900-KHANDONG STAGE I - CAPEXKHANDONG STAGE I - CAPEX			
Vendor Name	: 400002-RAMSING RONGHI			
Vendor Address	: NEW GARAMPANI,UMRONGSO , UMRONGSO , ASSAM			
PO/WO Number	: 3700010824			
PO/WO Item No. & Desc.:	10 - STONE BALLAST AT GT PIT OF KHANDONG PH			
PO/WO Subject	: Providing Stone Ballast at GT Pit of Khandong Power Station, KHPS,Umrongso, Assam			
PO Validity Start Date	: Oct 24, 2024	PO Validity End Date	: Nov 23, 2024	
Service Header Text	: PROVIDING STONE BALLAST	Doc.Text	:	
Project	: RM-192406 - STONE BALLAST AT GT PIT OF KHANDONG PH			
WBS Element	: RM-192406 - STONE BALLAST AT GT PIT OF KHANDONG PH			
Network	: 6001400 - STONE BALLAST AT GT PIT OF KHANDONG PH			

S.No	Service No.	Description	Quantity	UOM	Unit Price (INR)	OH Charge %	Amount(INR)
1	10008624	Supplying coarse aggregate (4014000)	28.000	M3	5,000.00		140,000.00
						Total :INR	140,000.00
		Net Value Incl. Tax (Tax Code :N5-Input CGST (9%) + SGST (9%) Non-Deductible):INR					165,200.00

20-03-2025

Seal & Signature

बी. बोरकाकोटी B. Borkakaty
उप प्रबंधक(सी)/Dy.Manager (C)
एचएसएम/HSM-II
केएचपीएस, नीपको, उमरांग्सो (असम)
KHPS, NEEPCO, Umrongso (Assam)

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
(A Govt. of India Undertaking)
HYDRAULIC STRUCTURE MAINTENANCE
KOPILI HYDRO ELECTRIC PROJECT
UMRONGSO, N.C.HILLS (ASSAM):PIN: 788931

AUDIT SLIP

1. Name of Contractor: - **SRI RAMSING RONGHI**
2. Brief description of work: - Providing Stone Ballast at GT Pit of Khandong Power Station, KHPS,Umrongso Assam.
3. Work order no: - **Purchase Order- 3700010824 Dt. 24.10.2024.**
4. Agreement no.:- **NEEPCO/KHPS/C&P(C)/F-06/2024-25/120 Dt. 12.03.2025.**
5. Tech Sanction no.:-
6. Reference to the item of cost estimate**165200.00 (*Inclusive GST)***
7. Ownership of the work: - (whether temporary or permanent):- **NEEPCO Ltd. (Temporary)**
8. Bill no. & Date: - First & final bill.
9. Period of work covered by the bill: - 24.10.2024 to 22.11.2024.
10. Date of completion of work as per agreement: - **22.11.2024**
11. Date of actual completion: - **22.11.2024**
12. a) Whether extension applied: - **No**
    b) Whether extension granted, if so with or without liquidated damage: - Does not arise.
13. Whether a transiting passes royalty certificate submitted. – **To be deducted in F&A wing**
14. Whether there is any outstanding liability against the work: - **No.**
15. Whether there is any escalation clause. - **No.**
16. Whether the site has been cleared. - **Yes.**
17. Percentage of items of work checked by CGM. (C)
    i) Ordinary item: -
    ii) Special item: - } 5%
18. Whether store issue statement submitted.- **Does not arise.**
19. Whether the store utilization statement submitted. – **Does not arise.**
20. Whether store recovery statement submitted. – **Does not arise.**
21. Whether the bill has technically checked: - **Yes.**
22. Any point of special/ reference/ attention date: - **No.**
23. Connected M.B. No.: - **10160** (Enclosed herewith)

CGM (C),
HSM,KHPS

यू. बोरा / U. Borah
मुख्य-महाप्रबंधक (सी) / Chief General Manager (C)
एच एस एम / HSM
के. एच पी एस, नीपको लि., उमरांगसो (असम)
KHPS NEEPCO Ltd., Umrongso (Assam)

20.3.25

Manager(C)
HSM,KHPS

P.K. Das
Manager (C)

NEEPCO Schedule II Works Form No. 10(A)

North Eastern Electric Power Corporation Ltd.

First & Final Bill.

For Contractor and suppliers-- This form provides only for Payments
For works or suppliers actually measured

Cash Book voucher no. Date : 20.03.2025

Name of Contractor or Supplier: - SRI RAMSING RONGHI.

Name of works: - Providing Stone Ballast at GT Pit of Khandong Power Station, KHPS,Umrongso,Assam

Serial No. of this Bill : - First& final Bill

No. and date of the last Bill for this Work: - Nil

Reference to Agreement : - NEEPCO/KHPS/C&P(C)/F-06/2024-25/120 Dt. 12.03.2025

Reference of the Work Order: - **Purchase Order – 3700010824 Dt 24.10.2024.**

Date of actual completion of work: 22.11.2024

I --- Account of work done or supplies made

Unit	Quantity executed (or supplied) As per measurement book	Items of works or supplies (Ground) Under "Sub-head" and Sub- works of estimate	Rate	Amount Up to date	Amount previous bill (Total for each sub head	Remarks
1	2	3	4	5	6	7
Cum	28.00	Item No.1: Supplying of coarse aggregates of size 40mm to 60 mm	5000.00	140000.00	140000.00	
				140000.00	140000.00	
			Add 18% GST	25200.00	25200.00	
			Total =	Rs. 165200.00		

Total value of work done or supplies to date --- (A) Rs 165200.00
Say Rs 165200.00

Deduct – Value of work or supplies shown on previous bill --

Net value of work or supplies since previous bill Rs. 165200.00

Figure (F) in words **(Rupees One Lacs Sixty-five Thousand Two Hundred) only**

Cerrtificate and signature

The measurement was made by me and is recorded at page **31 to 36** of book no 10160.

No Advance payment has been made previously without detail measurement

20.3.2025

Dated Signature of Officer (Rank)
Preparing the bill

.....Sub –division.

.....Division.

U. Borah
मुख्य-महाप्रबंधक (सी) / Chief General Manager (C)
एच एस एम / HSM
के एच पी एस, नीपको लि.,उमरोंसो (असम)
KHPS NEEPCO Ltd., Umrongso (Assam)

Thumb impression

Dated signature of Contractor.
.....

Dated signature of Officer

Authorizing payment. (Rank

This signature is necessary only when the officer who prepares the bill is not the officer who authorities the payment. In such case signature is essential.

WORK COMPLETION CERTIFICATE

1. **Name of Work**: - Providing Stone Ballast at GT Pit of Khandong Power Station, KHPS, Umrongso, Assam.
2. **Name of Contractor**: - SRI RAMSING RONGHI.
3. **Agreement No.**: - NEEPCO/KHPS/C&P (C)/F-06/2024-25/120 dtd. 12.03.2025
4. **Purchase Order No:** - 3700010824/ Dt: 24.10.2024.
5. **Date of Completion**: - 22nd November-2024
6. **Total Value of the work**: - Rs. **1,65,200.00** (Rupees One lakh Sixty-five thousand Two hundred) only inclusive of GST @18%.

Certified that the above-mentioned work had been executed and completed in all respect within the stipulated time as per the specifications and as directed by the Engineer-in-Charge.

(Sri Utpal Borah)
General Manager (C)
HSM-II, KHPS, NEEPCO
Umrongso, Dima-Hasao, Assam

यू. बोरा / U. Borah
मुख्य-महाप्रबंधक (सी) / Chief General Manager (C)
एच एस एम / HSM
के एच पी एस, नीपको लि, उमरांगसो (असम)
KHPS NEEPCO Ltd., Umrongso (Assam)

NAME OF CONTRACTOR SRI. RAMSING RONGHI
ADDRESS: Umrongso Dima Hasao, Assam.

GSTIN: **18AUOPR4108G1ZD**

Invoice no. : RSR/SppyB/B-1/2024-25/223
Invoice Date : 20/03/2025
Buyer's Ref No. :
Dispatch Through :
LR No. & Date :
Term of Payment :

TAX INVOICE

Castomar Name : NEEPCO **Billing Address :** SELF

Castomar GSTIN : NEEPCO GSTIN- **18AAACN9991J2ZQ**

Sl/No.	HSN Code	Item Description/Particulars	Qty.	Unit	Rate	Amount
1		Supplying Coarse aggregate	28	Cum	50000	140000.00
					Total	**140000.00**
					Other Expenditure	0.00
					Total	**140000.00**
					SGST	12600.00
					CGST	12600.00
					IGST	0.00
					Total Amount	**165200.00**
					Say Total Amount	**165200.00**

Total Invoice Amount Rupees One Lakh SixtyFive Thousand Two Hundred Only

Notes:

1. We declare that this Invoice shows the actual price of googs decribed all particularare true and correct.
2. E & O.E.

Date : 20/03/2025

For Shri Ramsing Ronghi
Signature

May be accepted
20.3.25

उत्पल बोरा / Utpal Borah
मुख्य महाप्रबंधक (तकनीकी)/CGM (Tech)
एचएसएम / HSM
केएचईपी, नीपको, उमरांग्सो (असम)
KHEP, NEEPCO, Umrongso (Assam)

प्राजीत कुमार दास / P.K. Das
प्रबंधक (सी) / Manager (C)
एचएसएम / HSM
खेप, नीपको लि. उमरांग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
[भारत सरकार का उद्यम] / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
ISO: 9001 & 14001
OHSAS 18001
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉंग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

No: NEEPCO/KHPS/ C&P(C)/F- 05 /2022-23/ 5483 Date: 12/01/23.

(36)

To,

Sri Sudam Joshi,
Contactor, Umrongso,
Dima Hasao, Assam-788931

PR No. – 1400000398
PO – 3700004843

Sub: Work Order for "**Construction of Stone Masonry Retaining Wall (2 Nos.) at backside hill area of Khandong Stage-II PS near Surge-Shaft Road (at Ch. 270.00M) including repairing of dewatering outlet drain at downstream of Main road, KHPS, Umrongso.**"

Ref: NIT NO.: KHPS/C&P/2022-23/474, date: 10.11.2022

Dear Sir,

With reference to the above the North Eastern Electric Power Corporation Ltd. is pleased place this order for, "Construction of Stone Masonry Retaining Wall (2 Nos.) at backside hill area of Khandong Stage-II PS near Surge-Shaft Road (at Ch. 270.00M) including repairing of dewatering outlet drain at downstream of Main road, KHPS, Umrongso" as per the items and rates indicated at Annexure-I (Bill of Quantity) under following terms and conditions.

The terms & conditions for execution of the work shall be as follows:

1. **Scope of work:** The quantities of different item of works as indicated in the enclosed **Annexure-I** (BOQ) are tentative and may undergo changes. All works are to be executed in accordance with the specifications indicated in the BOQ and as directed by the Engineer-in-Charge.
2. **Contract Price:** The total value of the work is **Rs. 4,85,786.00 (Rupees Four Lakh Eighty Five Thousand Seven Hundred Eighty Six)** only excluding **GST.**
3. **Completion time:** Time of completion for the work is **02 (Two) months** from the date of issue of this order.
4. **Taxes & Duties:** The contract price of work as indicated is exclusive of applicable GST.
5. **Security Deposit:**
   i. Within 10 (ten) days from the date of issue of LOI/work order, the successful bidder shall furnish a Bank Guarantee from a scheduled Nationalized Bank for an amount equal to 03 (Three) percent of the value of the contract by way of guarantee towards faithful performance of the contract. Otherwise the same shall be deducted from every interim payment up to the final bill made on account of this contract, so that at any time the security deposit does not fall short of 03 (Three) % (percent). A form of Bank Guarantee acceptable to NEEPCO is attached with this document.
   ii. All compensations or any other sums of money payable by the contractor under the terms of this contract shall be deducted from the amount deducted towards security deposit.
   iii. The Security Deposit will be kept for a period of 01 (One) Year from date of completion of the work as performance guarantee. Contractor shall make good at his own expense all defects which may develop during this period. The security deposit shall be returned to the contractor provided that the EIC is satisfied that there is no demand outstanding against the contractor.
6. **Defects liability period: -** Defect Liability period of the work is 01 (One) year from the date of completion of work. Contractor shall make good at his own expense all defects which may develop within the defect liability period intimation of which has been sent to him within the said period.

M/s. CG/DM(C) for WC (Khandong).

17.01.2023

NEEPCO

OFFICE OF THE GENERAL MANAGER (CIVIL)
HYDRAULIC STRUCTURES MAINTENANCE
KOPILI HYDRO POWER STATION
UMRONGSO : DIMA HASAO . ASSAM

No: KHPS/GM (C)/HSM/ R-110 /2023-24/ 1128 Date 27/9/23

To
The Dy. General Manager (F)
KHPS NEEPCO Ltd
Umrongso, Dima Hasao, Assam.

Sub :- Submission of Bill Construction of Stone Masonry @ CH. 270
Sir,

Enclosed please find herewith the following bills in duplicate along with enclosures Mentioned below for your necessary action please

SL No	Div. Bill No. & Date	Name of party/ contractors	MB No	Amount
1/	KHPS/GM (C)/HSM-II/ R-110/23-24/153 dtd 23/9/23	Sudam Joshi	10248 (one no.)	₹ 571410.00

Yours` faithfully

26/09/23

GM (civil) HSM
KHPS, UMRONGSO

ए. कलिता Borah
महाप्रबंधक(सि)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरांगसो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

AUDIT SLIP

	...e of the contractor	Sri Sudam Joshi
2	Brief description of work	Construction of Stone Masonry Retaining Wall (2Nos.) at backside hill area of Khandong Stage-II PS near Surge-Shaft Road (at Ch. 270.00M) including repairing of dewatering outlet drain at downstream of Main road, KHPS, Umrongso
3	Work Order No & Date	NEEPCO/KHPS/C&P (C)/F-05/2022-23/5483 dtd. 12.01.2023
4	Agreement No & Date	NEEPCO/KHPS/C&P (C)/F-06/2022-2023/08 dtd. 15.05.2023
5	Nature of work wheather temporary or permanent	Temporary
6	Ownership of work	NEEPCO, Umrongso
7	Bill No & Date	First & Final Bill
8	Period of work covered by the bill	12.01.2023 to 21.03.2023
9	Date of completion of work as per agreement	11th March-2023
10	Actual date of completion	21.03.2023
11	a) Period for which extension is applied	10 (ten) days w.e.f. 12.03.2023 to 21.03.2023
	b) Period for which extension is granted,	Yes, Copy enclosed
12	if so with or without liquidated damage	NA
13	Whether transit passed/F.R.C.C./cash memo submitted	Not yet submitted
14	Whether there is any escalation clause	No
15	Whether there is any outstanding liabilities against the work	No
16	Whether site has been cleared after completion of work	Yes
17	Whether utilization statement submitted	Yes
18	Whether bill has been Technically checked	Yes
19	Whether Recovery statement submitted	Yes
20	Whether any special reference	10248 (enclosed here with)
21	Percentage of Test Check by.....	
	1) Manager (C)/Dy. Manager (C)----	100%
	2) Engineer In-charge ----------	5%

26/9

Engineer In-charge
HSM-II, KHPS, NEEPCO, Umrongso
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरोंगसो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

23-09-2023

Deputy Manager (C)
HSM-II, KHPS, NEEPCO

North Eastern Electric Power Corporation Ltd.

RUNNING ACCOUNT BILL C

For Contractors and Suppliers. This form provides only for Payments for works or supplies actually measured

Cash Book Voucher No. **Date:-**

Name of Contractor or Supplier : Sri Sudam Joshi

Name of works- Construction of Stone Masonry Retaining Wall (2Nos.) at backside hill area of Khandong Stage-II PS near Surge-Shaft Road (at Ch. 270.00M) including repairing of dewatering outlet drain at downstream of Main road, KHPS, Umrongso

Purpose of Supply-

Serial No. of this Bill Work- 1st & Final Bill.

No. and Date of his last Bill for this work- Nil

Agrement No. - NEEPCO/KHPS/C&P (C)/F-06/2022-2023/08 dtd. 15.05.2023

Work Order No. - NEEPCO/KHPS/C&P (C)/F-05/2022-23/5483 dtd. 12.01.2023

Date of commencement: 12.01.2023

Date of handing over of site : 23.01.2023

Date of completion of work- 21.03.2023

1-Accounts of work done or supplies made

Unit	Quantity executed (Or supplied up to date as per measurement book)	Item of work or supplies (Grouped" under subheads" and "sub-work" of estimate)	Rate	Amount			Remarks
				Up to date		*Since previous bill (Total for each sub-head)	
1	2	3	4	6		5	7
			Rs P	Rs	P P	Rs P	
Cum	35.92	**Item No.1:** Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in charge. 2.6.1 All kinds of soil	157.00	5639.44			
Sqm	92.37	**Item No.2:** Providing soling in foundation and under floor with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete.(c).Stone soling of thickness 150mm.	237.00	21891.69			
Cum	7.48	**Item No.3:** Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :_4.1.5: 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	5230.00	39120.40			
			Total Rs.	**66,651.53**			

* The full name of the work as given in the estimate should be entered here except in the case of bills for stock materials.
* The purpose of supply "applicable to the cash should be filled in and the rest scored out."
* If the outlay on the work is recorded by sub-heads, the total for each sub-heads should be shown in column 5 and against this total here should be an entry in column 6 also. In no other case should any entries be made in column 6.

Unit	Quantity executed (Or supplied up to date as per measurement book)	Item of work or supplies (Grouped" under subheads" and "sub-work" of estimate)	Rate		Up to date		Remarks (Quantity executed (Or supplied up to date as per measurement book) will be entered in the bill (To be worked out for each sub-head)
1	2	3	4		6		5
			Rs	P	Rs	P	Rs P
			B/F Rs.		66,651.53		
Cum	77.79	**Item No.4:** Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : 7.1.1 Cement mortar 1:6 (1 cement : 6 coarse sand)	5085.00		395562.15		
Rm	3.60	**Item No.5:** Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with sealring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 12.41.1 75 mm diameter	165.00		594.00		
Sqm	54.97	**Item No.6:** Cement plaster 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement. 13.9.2 20 mm cement plaster	390.00		21438.30		
				B/F Rs.	4,84,245.98		

Unit	Quantity executed (Or supplied up to date as per measurement book)	Item of work or supplies (Grouped" under subheads" and "sub-work" of estimate)	Rate	Amount Up to date	*Since previous bill (Total for each sub-head)	Remarks
1	2	3	4	5	6	7
			Rs P	Rs P	Rs P	
			B/F Rs.	484245.98		

Total value of work done or supplies to date [A]	Rs	484246.00		
CGST @ 9% [B]	Rs	43582.14		
SGST @ 9% [C]	Rs	43582.14		
Total amount [A]+[B]+[C]	Rs	571410.28		
Deduct- value of work or supplies shown on previous bill	Rs	Nil		
Net value of work or supplies since previous bill		N/A		
Gross amount	**Rs.**	**5,71,410.00**		

Figure (F) in words:- (Rupees five lakhs seventy one thousand four hundred ten) on

II- Certificates and signature

The measurement were made by .....me.....on .....***as mentioned***.....and are recorded at Page No.

1 to 10 of MB No. 10248. No advanvce payment has been made previously without detailed measurements.

23-09-2023

वी. बोरकाकती/B. Borkakaty
उप प्रबंधक(सी)/Dy.Manager (C)
एचएसएम/HSM-II
केएचपीएस, नीपको, उमरांग्सो (असम)
KHPS, NEEPCO, Umrongso (Assam)

Dated Signature of Officer Preparing payment (Rank)

.....Sub-division

.....Division

26/9

यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरांग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

Thumb Impression or
Dated Signature of Contractor

*Dated Signature of Officer

.....

Rank .....

This signature is necessary only when the officer preparing the bill is not the officer who authorise the payment.In such case tw signature are essential.

C(WO)NB. 2863

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
ISO 9001:2015, 14001:2015 &45001:2018
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉंग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

No: NEEPCO/KHPS/ C&P(C)/F- 05 /2022-23/ 2007 Date: 23/08/22

33

To,

Sri Desho Daolagupu,
Contractor, Umrongso,
Dima Hasao, Assam.

Sub: Detailed Work Order for "**Construction of cement concrete drain from Anchor Block along surge shaft road to main road near entrance gate of Stage-II Power Station, KHPS, Umrongso. (Ch:131.00m to 231.00m) Group-B.**"

Dear Sir,

Please refer to the above; The North Eastern Electric Power Corporation Ltd. is pleased to place this order for execution of the above mentioned work. The work shall be executed as per the items and rates indicated at **Annexure-I** (Bill of Quantity) under following terms and conditions.

Terms and conditions:

1. **Scope of work:** The quantities of different item of works as indicated in the enclosed **Annexure-I** (BOQ) are tentative and may undergo changes. All works are to be executed in accordance with the specifications together with BOQ and as directed by the Engineer-in-Charge.
2. **Contract Price:** The total value of the work is **Rs.9,27,618.00 (Rupees Nine Lakh Twenty Seven Thousand Six Hundred Eighteen)** only, excluding **GST**.
3. **Completion time: The work has been already completed on 04.07.2022.**
4. **Taxes & Duties:** The contract price of work as indicated is exclusive of applicable GST.
5. **Compensation for delay in Completion:-** The time allowed for carrying out the work as stipulated in the contract or any ex-tended period (not due to the fault of the contractor) as may be allowed shall be strictly observed by the contractor and shall be reckoned from the date on which order to commence work is given to the contractor. The work shall throughout the stipulated period of the contract be proceed with all due diligence, time being the essence of the contract on the part of the contractor. The contractor shall be liable to pay as compensation @0.5% of Contract Amount per week of delay, subjected to a maximum of 10% of the whole Contract Amount. In any case the decision of the Engineer-in-Charge in this regard is final and binding to the contractor.
6. **Security Deposit (SD):** 3% (Three percent) of work order value will be deducted as security deposit which shall be released after the end of defect liability period of 06 (Six) months from the date of completion.
7. **Payment Terms:**
   General: The payment to the contractor for performance of works under the Contract will be made by the Corporation as the guidelines and conditions specified herein.
   Terms of Payment:
   i. Interim bill shall be submitted by the contractor monthly on or after the date fixed by the Engineer- In-Charge for the work executed. The Engineer-In-Charge shall then arrange to have the bill verified with reference to the measurements recorded in the measurement book(s).
   ii. Payment on account for the amount admissible shall be made by the Engineer-In-Charge certifying the sum to which the contractor is considered entitle by way of interim payment for the work executed, after deducting the amount already paid, the security deposit and such other amount deductible in terms of the contract. Advance payment, if any, made on account of this contract shall be deducted from interim bills.
   iii. Payment of the contractor shall be made by the Corporation within 30(thirty) days from the date of submission of bills subject to the acceptance of the bills by the Engineer-In-Charge.

DGM(C)

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

KHPS/GM(C)/HSM/ T-110/2022-23/366 DTD: 26/9/22

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-II/ T-110/22-23/41 dtd 26/9/22	Sri Desho Daulagupu	4725	₹1094589.00

Enclosed:- As above.

Yours faithfully

28/9

General Manager (Civil)
HSM, KHPS, Umrangso

Qnty.	Rate in Rs.	Amt. Rs.
Sub Total		806624
& profit as applicable		120993.60
Grand Total=Rs.		927617.61
Say Rs.		9,27,618.00

(Eighteen) only excluding GST

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
(A Govt. of India Undertaking)
HYDRAULIC STRUCTURE MAINTENANCE
KOPILI HYDRO ELECTRIC PROJECT
UMRONGSO, N.C.HILLS (ASSAM) PIN: 788931

1. Name of Contractor: - Sri **Desho Daulagupu**
2. Brief description of work: - Construction of cement concrete drain from Anchor block along surge shaft road main road near entrance gate of Stage-II Power Station, KHPS, Umrangso. (Ch:131.00m to 231.00m) Group-B
3. Work order no:- NEEPCO/KHPS/C&P(C)/F-05/2022-23/2007, dtd 23.8.2022
4. Agreement no.:- NEEPCO/KHEP/C&P(C)/F-06/2022-23/117 , dtd 29. 08. 2022
5. Tech Sanction no.:-
6. Reference to the item of cost estimate:- Rs 1094589 .00 (Including GST)
7. Ownership of the work:- (whether temporary or permanent):- NEEPCO Ltd. (Pmnt.)
8. Bill no. & Date: -
9. Period of work covered by the bill:- 1st RA bill (from 04.04.2022 to 04.7.2022)
10. Date of completion of work as per agreement: -04.07.2022
11. Date of actual completion:- 04.07.2022
12. a) Whether extension applied:- No
    b) Whether extension granted, if so with or without liquidated damage: Does not arise.
13. Whether transit passes royalty certificate submitted:- ~~Not yet~~ Submitted/ ~~Undertaking to submit within 30 days is submitted~~. (FRCC Vide No. FRS/A/53/Pt/2021-22/ 1716 , dtd 23/9/2022).
14. Whether there is any outstanding liability against the work:- Nil (except FRCC)
15. Whether there is any escalation clause.- No.
16. Whether site has been cleared.- Yes
17. Percentage of item of work checked by Sr. Mgr(C)/Gen. Manager ©
    i) Ordinary item: -
    ii) Spcial item: -
18. Whether store issue statement submitted. :- submitted
19. Whether store utilization statement submitted.:- submitted
20. Whether store recovery statement submitted:- submitted
21. Whether the bill has technically checked:-
22. Any point of special / reference/ attention date:- No. Assets ID TXN NO 555
23. Connected M.B. no :-4725 page 063- 079

The above particulars have been verified and found correct and have conducted test check as follows:-

a) Ordinary item:-
b) Special item:-

28/9
Gen. Manager (C),
HSM-II ; KHPS

Sr. Manager (C),
HSM-II ; KHEP

23/9/2022
D.M(C)
HSM-I

orks Form No. 10

EASTERN ELECTRIC POWER CORPORATION LTD.

RUNNING ACCOUNT BILL--C

1st RA & Final Bill

Contractos and Suppliers. This from provide only for payment for work or Supplies actually measured.)

ok Voucher No.. ..... Dated.....

e of Cotractor :-**Sri Desho Daulagupu**

me of Work :- Construction of cement concrete drain from Anchor Block along surge shaft road to main road near entrance gate of Stage-II Power station, KHPS, Umrangso. (Ch: 131.00m to 231.00m) Group-B

Purpose of supply

Serial No of this bill :-

No and date of this last bill work :-

Reference to aggreement:-NEEPCO/KHPS/C&P(C)/F-06/2022-23/117, dtd 29.08.2022

W/O No:- NEEPCO/KHPS/C&P(C)/F-05/2022-23/ 2007, dtd 23.8.2022

Date of completion :-04.07.2022

1. Account of work done or Supplies made.

Unit	Quantity executed upto date as per measurement book	Item No	Items of works or supplies (grouped " under sub heads" and "sub works" of estimate)	Rate	Amount		Remarks
					Upto date	Since previous bill(Total for each sub head)	
1	2	3	4	5	6	7	8
Cu.m	263.30	1	Earth work in excavation by mechanical . . . . a lead of 50m All kind of soil	216.55	57017.62		
Cu.m	56.62	2	Providing and laying cement concrete in retaining walls . . . and finishing: 4.2.3 1:2:4 (1 Cement : 2 coarse sand . . . sources)	7077.27	400715.03		
Sq.m	445.28	3	Centering and shuttering including strutting, . . form work for : Retaining walls, return walls, walls . . . steps etc.	505.44	225062.32		
Cu.m	84.500	4	Filling available excavated earth . . . . lift upto 1.5m	191.71	16199.500		
Cu.m	15.800	5	Random rubble masonry with hard stone . . . . . and the like. Cement mortar 1:6 (1 cement : 6 coarse sand)	6247.25	98706.55		
Sq.m	28.050	6	20 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)	318.11	8922.990		
			Sub total		806624.01		
			Add 15% overall supervision & profit		120993.60		
			Total		927617.61		
			C.O :	Say	927618.00		

KHPS/Gm(C)/HSM-II/T-110/22-23/41 dt.26/9/22

3	4	5	6	7	8
	B.F :-		927618.00		
	Add @ 18% for GST.		166971.00		
	Certified that the work has been completed as per specification and direction of the department. No labour under age of 18 years old and not more then 18 labours a day engaged in the work. No T & P materials issued against the work.	B.F:-	1094589.00		
Total value of work done or supplied to date (A)			1094589.00		
Deduct- value of work done or supplied shown on previous bill (B)			0.00		
Net value of work done or supplied since previous bill (F)			1094589.00		
		Say Rs	1094589.00		
Figure (F) in words:-(Rupees ten lakhs ninety four Thousand five hundred eighty nine) Only.					

II -- Certificate and Signature

The measurement were made by me on 26.08.2022 and are recorded at page 63-79 of measurement Book No. 4725. No advance payment been made previously without detailed measurements.

उप-प्रबंधक (सी) / Dy. Manager (C)
एचएसएम / HSM
खेप,नीपको लि.,उमरोंग्सो , असम
KHEP, NEEPCO Ltd., Umrangso, Assam

Date signature of officer preparing the bill:-

Sub division:-

.....

Thumb impression of

Dated signature of contractor

Date signature of officer authorising payment:-

Sub division:-

.....

यू. बोरा / U.Borah 28/9
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरोंग्सो (असम)
KHPS, NEEPCO [illegible] (Assam)

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

NO. KHPS/GM(C)/HSM/ T-110/2022-23/ 264 DTD: 11/8/22

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
I	KHPS/GM(C)/HSM-II/ T-110/22-23/27 dtd - 11/8/22 FRCC Regd.	Sri Birendra Engti	1146	₹ 888967.00

Enclosed:- As above.

Yours faithfully

11/8

General Manager (Civil)
HSM, KHPS, Umrangso

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
(A Govt. of India Undertaking)
HYDRAULIC STRUCTURE MAINTENANCE
KOPILI HYDRO ELECTRIC PROJECT
UMRONGSO, N.C.HILLS (ASSAM) PIN: 788931

AUDIT SLIPS

1. Name of Contractor: - **Sri Birensing Engti**
2. Brief description of work: - Construction of cement concrete drain from Anchor block along surge shaft road main road near entrance gate of Stage-II Power Station, KHPS, Umrangso. (Ch:231.00m to 331.00m) Group-C
3. Work order no:- No NEEPCO/KHPS/C&P(C)/F-05/2022-23/1236, dtd 04.7.2022
4. Agreement no.:- No NEEPCO/KHPS/C&P(C)/F-05/2022-23/113, dtd 07.7.2022
5. Tech Sanction no.:-
6. Reference to the item of cost estimate:- Rs 753362.00 (excluding GST)
7. Ownership of the work:- (whether temporary or permanent):- NEEPCO Ltd. (Pmt.)
8. Bill no. & Date: -
9. Period of work covered by the bill:- 1st RA bill
10. Date of completion of work as per agreement: 20.5.2022
11. Date of actual completion:- 20.5.2022
12. a) Whether extension applied:- Does not arise
    b) Whether extension granted, if so with or without liquidated damage.:-Does not arise
13. Whether transit passes royalty certificate submitted:– Not yet submitted
14. Whether there is any outstanding liability against the work:- Nil
15. Whether there is any escalation clause.- No.
16. Whether site has been cleared.- Yes
17. Percentage of item of work checked by Mgr.(C)/ Gen. Manager ©
    i) Ordinary item: -
    ii) Spcial item: -
18. Whether store issue statement submitted. :- Submitted
19. Whether store utilization statement submitted.:- Submitted
20. Whether store recovery statement submitted:- Submitted
21. Whether the bill has technically checked:-
22. Any point of special / reference/ attention date:- No.
23. Connected M.B. no :-1146 page 150 -159

The above particulars have been verified and found correct and have conducted test check as follows:-

a) Ordinary item:- %
b) Special item:-

11/8
Gen. Manager (C),
HSM- ; KHEP

5/8/2022
D.M(C)
KHEP-I

NEEPCO Schedule II works Form No. 10

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

RUNNING ACCOUNT BILL--C

1st RA & Final Bill

(For Contractos and Suppliers. This from provide only for payment for work or Supplies actually measured.)

Cash Book Voucher No.. ..... Dated.....

Name of Cotractor :-Sri Birensing Engti

Name of Work :- Construction of cement concrete drain from Anchor block along surge shaft road main road near entrance gate of Stage-II Power Station, KHPS, Umrangso. (Ch:231.00m to 331.00m) Group-C

Purpose of supply

Serial No of this bill :-

No and date of this last bill work :-

Reference to aggreement:-NEEPCO/KHPS/C&P(C)/F-05/2022-23/113, dtd 07.7.2022

W/O No:- NEEPCO/KHPS/C&P(C)/F-05/2022-23/1236, dtd 04.7.2022

Date of completion :-20.05.2022

1. Account of work done or Supplies made.

Unit	Quantity executed upto date as per measurement book	Item No	Items of works or supplies (grouped " under sub heads" and "sub works" of estimate)	Rate	Amount		Remarks
					Upto date	Since previous bill(Total for each sub head)	
1	2	3	4	5	6	7	8
Cu. m	172.5	1	Earth work in excavation by mechanical means .... a lead of 50m All kind of soil	216.55	37354.88		
Cu. m	54.5	2	Providing and laying cement concrete in retaining walls, ... and finishing: 4.2.3 1:2:4 (1 Cement : 2 coarse sand ... sources)	7077.27	385711.22		
Sq. m	420	3	Centering and shuttering including strutting, .. form work for : Retaining walls, return walls, walls ... steps etc.	505.44	212284.8		
Cu. m	103.000	4	Filling available excavated earth .... lift upto 1.5m	191.71	19746.130		
			Sub total		655097.03		
			Add 15% overall supervision & profit		98264.55		
			Total		753361.58		
			Add @ 18% for GST.		135605.00		
				C.O :-	888966.58		

5/8/2022

Draft bill NO KHPS/C&M(C)/HSM/2021-22/2023/dated 11/8/22

1	2	3	4	5	6	7	8
			Certified that the work has been completed as per specification and direction of the department. No labour under age of 18 years old and not more then 18 labours a day engaged in the work. No T & P materials issued against the work.	B.F:-	888966.58		
Total value of work done or supplied to date (A)					888966.58		
Deduct- value of work done or supplied shown on previous bill (B)					0.00		
Net value of work done or supplied since previous bill (F)					888966.58		
				Say Rs	888967.00		

Figure (F) in words:-(Rupees eight lakhs eighty eight Thousand nine hundred sixty seven) Only.

II -- Certificate and Signature

The measurement were made by me on 05.08.2022 and are recorded at page 150-159 of measurement Book No. 1146. No advance payment been made previously without detailed measurements.

Date signature of officer preparing the bill:- 5/8/2022

Sub division:- उप-प्रबंधक (सी) / Dy. Manager (C)
एचएसएम / HSM
खेप,नीपको लि., उमरोंग्सो , असम
KHEP, NEEPCO Ltd., Umrangso, Assam

Thumb impression of

B.E. Engg.

Dated signature of contractor

Date signature of officer authorising payment:-

Sub division:-

यू. बोरा / U.Bora
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरोंग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

C/W.O. No. 02861

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LT
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
ISO 9001:2015, 14001:2015 &45001:2018
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

No: NEEPCO/KHPS/ C&P(C)/F- 05 /2022-23/ 1209 Date: 02/07/22,

To,

Sri Kumar Sunar,
Contractor, Umrongso,
Dima Hasao, Assam.

प्रति सं / Receipt No. 876
दिनांक / Dtd. 06/07/22
एचएसएम / HSM
खप, नीपको लि., उमरॉग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

12

Sub: Detailed Work Order for **"Protection work/Construction of gabion structure (Crated boulder) at upstream Hill side of Stage-II P.S., KHPS, Umrongso ."**

Dear Sir,

Please refer to the above; The North Eastern Electric Power Corporation Ltd. is pleased to place this order for execution of the above mentioned work. The work shall be executed as per the items and rates indicated at **Annexure-I** (Bill of Quantity) under following terms and conditions.

Terms and conditions:

1. **Scope of work:** The quantities of different item of works as indicated in the enclosed **Annexure-I** (BOQ) are tentative and may undergo changes. All works are to be executed in accordance with the specifications together with BOQ and as directed by the Engineer-in-Charge.
2. **Contract Price:** The total value of the work is **Rs.10,52,446.00 (Rupees Ten Lakh Fifty Two Thousand Four Hundred Forty Six)** only, excluding **GST**.
3. **Completion time:** The work has been **completed on 20.05.2022.**
4. **Taxes & Duties:** The contract price of work as indicated is exclusive of applicable GST.
5. **Compensation for delay in Completion:-** The time allowed for carrying out the work as stipulated in the contract or any ex-tended period (not due to the fault of the contractor) as may be allowed shall be strictly observed by the contractor and shall be reckoned from the date on which order to commence work is given to the contractor. The work shall throughout the stipulated period of the contract be proceed with all due diligence, time being the essence of the contract on the part of the contractor. The contractor shall be liable to pay as compensation @0.5% of Contract Amount per week of delay, subjected to a maximum of 10% of the whole Contract Amount. In any case the decision of the Engineer-in-Charge in this regard is final and binding to the contractor.
6. **Security Deposit (SD):** 3% (Three percent) of work order value will be deducted as security deposit which shall be released after the end of defect liability period of 06 (Six) months from the date of completion.
7. **Payment Terms:**

   General: The payment to the contractor for performance of works under the Contract will be made by the Corporation as the guidelines and conditions specified herein.

   Terms of Payment:

   i. Interim bill shall be submitted by the contractor monthly on or after the date fixed by the Engineer- In-Charge for the work executed. The Engineer-In-Charge shall then arrange to have the bill verified with reference to the measurements recorded in the measurement book(s).
   ii. Payment on account for the amount admissible shall be made by the Engineer-In-Charge certifying the sum to which the contractor is considered entitle by way of interim payment for the work executed, after deducting the amount already paid, the security deposit and such other amount deductible in terms of the contract. Advance payment, if any, made on account of this contract shall be deducted from interim bills.
   iii. Payment of the contractor shall be made by the Corporation within 30(thirty) days from the date of submission of bills subject to the acceptance of the bills by the Engineer-In-Charge.

DM(C) for necessary action. 6/7/22

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

KHPS/GM(C)/HSM/T-110/2022-23/377 DTD: 29/9/22

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-1/22-23/46 dtd 28/9/22	Sri Kumar Sunar	1434	₹1241873.00

Enclosed:- As above.

Yours faithfully

29/9

General Manager (Civil)
HSM, KHPS, Umrangso

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
(A Govt. of India Undertaking)
HYDRAULIC STRUCTURE MAINTENANCE
KOPILI HYDRO ELECTRIC PROJECT
UMRONGSO, N.C.HILLS (ASSAM);PIN: 788931

me of Contractor: -**Sri Kumar Sunar**

Brief description of work: - Protection work /Construction of gabion structure (Crated boulder) at upstream Hill side of Stage-II P.S, KHPS, Umrangso.

3. Work order no:- NEEPCO/KHPS/C&P(C)/F-05/2022-23/1209, dtd 02.07.2022

4. Agreement no.:- NEEPCO/KHEP/C&P(C)/F-06/2022-23/ , dtd . 2022
5. Tech Sanction no.:-
6. Reference to the item of cost estimate:- Rs 1241873 .00 (Including GST)
7. Ownership of the work:- (whether temporary or permanent):- NEEPCO Ltd. (Pmnt.)
8. Bill no. & Date: -
9. Period of work covered by the bill:- 1st RA & final bill (from 02.04.2022 to 20.5.2022)
10. Date of completion of work as per agreement: -20.05.2022
11. Date of actual completion:- 20.05.2022
12. a) Whether extension applied:- No
    b) Whether extension granted, if so with or without liquidated damage: Does not arise.
13. Whether transit passes royalty certificate submitted:– Submitted vide FRCC No. FRS/A/53/Pt/2021-22/ 1634 , dtd 19.09.2022).
14. Whether there is any outstanding liability against the work:- Nil
15. Whether there is any escalation clause.- No.
16. Whether site has been cleared.- Yes
17. Percentage of item of work checked by Sr. Mgr(C)/Gen. Manager ©
    i) Ordinary item: -
    ii) Spcial item: -
18. Whether store issue statement submitted. :- submitted
19. Whether store utilization statement submitted.:- submitted
20. Whether store recovery statement submitted:- submitted
21. Whether the bill has technically checked:-
22. Any point of special / reference/ attention date:- No. Asset DI = TxN = 560
23. Connected M.B. no :-1434 page 140-156

The above particulars have been verified and found correct and have conducted test check as follows:-

a) Ordinary item:-
b) Special item:-

29/9

Gen. Manager (C),
HSM-II ; KHPS

Sr. Manager (C),
HSM-II ; KHEP

26/9/22

D.M(C)
HSM-I

works Form No. 10

EASTERN ELECTRIC POWER CORPORATION LTD.

RUNNING ACCOUNT BILL--C

1st RA & Final Bill.

ctos and Suppliers. This form provide only for payment for work or Supplies actually measured.)

ok Voucher No.. ..... Dated.....

e of Cotractor :- Sri Kumar Sunar

me of Work :- Protection work /Construction of gabion structure (Crated boulder) at upstream Hill side of Stage-II P.S, KHPS, Umrangso.

Purpose of supply

Serial No of this bill :-

No and date of this last bill work :-

Reference to aggreement:-NEEPCO/KHPS/C&P(C)/F-06/2022-23/ , dtd.

W/O No:- NEEPCO/KHPS/C&P(C)/F-05/2022-23/1209, dtd 02.7.2022.

Date of actual completion :-20.5.2022

1. Account of work done or Supplies made.

Unit	Quantity executed or Supplied upto date as per measurement book	Item No	Items of works or supplies (grouped " under sub heads" and "sub works" of estimate)	Rate	Amount		Remarks
					Upto date	Since previous bill(Total for each sub head)	
1	2	3	4	5	6	7	8
cum	79.93	1	Excavation for Structures (Earth work in excavation . .. . for road work.) (i) Ordinary soil A Manual Means (Depth upto 3 m)	276.10	22068.67		
Cu. m	22.035	2	Providing and laying boulders apron . . . specification. Boulder laid dry without wire crates.	1919.00	42285.17		
Cu. m	14.615	3	Providing and laying in position cement concrete . . . upto plinth level 1:2:4 (1 cement: . . . . natural sources.	5559.89	81257.79		
Cu.m	145.975	4	Gabian Structure for Erosion Control, River Training . . . .galvenized steel wire.)	5502.20	803183.65		
cum	55.84	5	Back filling behind abutment, wing wall and return wall complete as per drawing and Technical specification B) Sandy material	1562.00	87222.08		
				C.O :-	1036017.36		

26/9/22

Bill No KHPS/GM(C)/HSM-II/E-210/22-23/46 dtd 28/9/22

			B.F:-	1036017.36		
		Add 10% on item No 2 as premium of Dima Hasao as applicable	42285.16	4228.52		
		Add 15% overall supervision& profit on item No 3 as applicable	81257.79	12188.67		
		Sub total		1052434.54		
		Total Say		1052435.00		
		Add 18% GST		189438.22		
			Total	1241873.22		
	Certified that the work is completed & has been done as per specification and direction of the department. No labour under age of 18 years old and not more then 18 labours a day engaged in the work. No T & P materials issued against the work.					
Total value of work done or supplied to date (A)				1241873.22		
Deduct- value of work done or supplied shown on previous bill (B)				Nil		
Net value of work done or supplied since previous bill (F)				1241873.22		
			Say Rs	1241873.00		
Figure (F) in words:- Rupees (Twelve lakhs forty one thousand eight hundred seventy three) Only						

II -- Certificate and Signature

The measurement were made by me on 20.7.2022 and are recorded at page 140 - 156 of measurement Book No 1434. No advance payment been made previously without detailed measurements.

28/9/22

Date signature of officer preparing the bill:-
Sub division:-
.....
उप-प्रबंधक (सी) / D ...nager (C)
एचएसएम /
एच.एस.एम.को लि., उम ...
KHPS, NEEPCO Ltd., U ... Assam

Thumb impression of

Dated signature of contractor

Date signature of officer authorising payment:-
Sub division:-
.....
28/9
यू. बरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरॉंगसो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
ISO: 9001 & 14001
OHSAS 18001
सी एण्ड पी (सी) स्कंध CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉंग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO POWER STATION, UMRANGSO, DIMA HASAO-788931, FAX 0367-0-288240, PH 0367-0-288036

No: NEEPCO/KHPS/C&P (C)/F-05/2023-2024/ 2216 **Date:** 31/10/23

To,

Sri V S Manga Changsan,
Contractor/Supplier,
Umrongso, Dima Hasao, Assam.

Sub: Order for **"Clearance of slush, debris from Draft Tube liner-I by engaging Slush Pump at Khandong Power Station Building, KHPS, Umrongso, Dima Hasao, Assam".**

Dear Sir,

With reference to the above, the Corporation is pleased to confirm the order for Clearance of slush, debris from Draft Tube liner-I by engaging Slush Pump at Khandong Power Station Building, KHPS, Umrongso, Dima Hasao, Assam as per the rates, terms & condition mentioned bellow:

Sl. No.	Description	Unit	Qntty	Rate (INR)	Amount (INR)
1	De-silting of sludge & debris from Draft Tube Liner-I by engaging Slush Pump including its accessories, manpower, HSD etc. at Khandong Power Station Building, KHPS, Umrongso, Dima Hasao, Assam (Period from 07.07.2023 upto 21.07.2023=15-days x 8 hours)	Hour	120	2700.00	3,24,000.00
				G. Total	**3,24,000.00**
				Rupees Three Lakh Twenty Four Thousand only excluding **GST.**	

Terms and conditions:

1. **Scope of work:** The essence of this contract is to Clearance of slush, debris from Draft Tube liner-I by engaging Slush Pump at Khandong Power Station Building, KHPS, Umrongso, Dima Hasao, Assam (from 07.07.2023 to 21.07.2023) or any other works assigned by Engineer in charge.
2. **Contract Price & Payment:** The total value of the contract is **Rs.3,24,000.00 (Rupees Three Lakh Twenty Four Thousand)** only exclusive of GST as applicable.
3. **Bank Details/Taxes & Duties:** The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.
4. **Paying Authority:** The paying authority would be DGM (F), KHPS, NEEPCO Ltd., Umrongso.
5. **Engineer In-charge:** The Engineer In-charge would be GM (C) HSM-II, KHPS.

Yours faithfully,

DGM (C), C&P
KHPS, NEEPCO Ltd., Umrongso.

Memo No: NEEPCO/KHPS/ C&P(C)/F-05 /2023-2024/ 2217-20 **Date:** 31/10/23

Copy to:

1. The HOP, KHPS for favour of kind information please. This has reference to his approval FLM Note Sheet/CW/HSM -II/KH006/54/KHEP/06/07/2023, dtd.28/10/2023
2. The GM (C), HSM-II KHPS, Umrongso for information and necessary action please.
3. The DGM (Fin), KHPS, NEEPCO, Umrongso for information and necessary action please.
4. The DGM (C), Vigilance, KHPS, NEEPCO, Umrongso for information please.

DGM (C), C&P
KHPS, NEEPCO Ltd., Umrongso.

DM(C), Khandong PS
for n/a pl.
1/11/2023

P-110

OFFICE OF THE GENERAL MANAGER (CIVIL)
HYDRAULIC STRUCTURES MAINTENANCE
KOPILI HYDRO POWER STATION
UMRONGSO : DIMA HASAO . ASSAM

No: KHPS/GM (C)/HSM/P-110 /2023-24/1214 Date 06/11/23

To
The Dy. General Manager (F)
KHPS NEEPCO Ltd
Umrongso, Dima Hasao, Assam.

Sub :- Submission of
Sir,

Enclosed please find herewith the following bills in duplicate along with enclosures Mentioned below for your necessary action please

SL. No	Div. Bill No. & Date	Name of party/ contractors	MB No	Amount
1/	KHPS/GM(C)/HSM P-110/23-24/179 dtd 03/11/23	V.S. Manga Changsan	—	₹ 382320/-

Yours` faithfully

GM (civil) HSM
KHPS. UMRONGSO

SRI V.S.MANGA CHANGSAN

Contractor & Supplier
Umrangso,Dima-Hasao, Assam-788931

BILL

Ref: No. Nil Dated : 01.11.2023

GSTIN No 18AHGPC3592G2ZC

To,

The General Manager(C),
HSM - II, KHEP, NEEPCO Ltd.
Umrongso, Dima Hasao, Assam

Sub:- Bill for Clearance of Slush, debris from Draft Tube Liner-I by engaging Slush Pump at Khandong Power Station Building, KHPS, Umrongso, Dima Hasao, Assam.

W.O:- NEEPCO/KHPS/C&P(C)/F-05/2023-2024/ 2216 dtd 31.10.2023

Sl. No.	Particulars	Unit	Quantity (In days)	Rate (In Rs.)	Amount (In Rs.)
1	Clearance of Slush, debris from Draft Tube Liner-I by engaging Slush Pump at Khandong Power Station Building, KHPS, Umrongso, Dima Hasao, Assam.(Period from 07.07.2023 to 21.07.2023=15-days, 8hrs)	Hour	120	2700.00	3,24,000.00
				Total [A]	**3,24,000.00**
				Add CGST @ 9%	29,160.00
				Add SGST @ 9%	29,160.00
				Total (B)	**58,320.00**
				Total (A) + (B) = Rs	**3,82,320.00**
				Say, Rs.	**3,82,320.00**

In words : (Rupees three lakhs eighty two thousand three hundred twenty) only

Place: KHEP, Umrangso

V.S. Manga Changsan
(V.S.Manga Changsan)

VS MANGA CHANGSAN
Govt. Regd. Contractor
Umrangso, Dima Hasao
Assam - 788931

Sl. No | SAC

Customer Name

CustomerGSTIN

Certified that,

* The Bill for an amount of Rs. 3,82,320/- (Rupees three lakh eighty two thousand three hundred twenty) only inclusive of GST @ 18% has been verified and found to be in order.

* The Bill is for the period from 11.07.2023 to 26.07.2023. Copy of Log book enclosed herewith.

* The Bill has been entered in the Bill Register

* S.E.S. No.-

06-11-2023

बी. बोरकाकती/B. Borkakaty
उप प्रबंधक(सी)/Dy.Manager (C)
एचएसएम/HSM-II
केएचपीएस, नीपको, उमरांग्सो (असम)
KHPS, NEEPCO, Umrongso (Assam)

यू. बोरा / U.Bora 6/11

महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरॉग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

OFFICE OF THE GENERAL MANAGER (CIVIL)
HYDRAULIC STRUCTURES MAINTENANCE
KOPILI HYDRO POWER STATION.
UMRONGSO: DIMA HASAO. ASSAM.

No:KHPS/HSM/GM(C)/F-67(B)/2023 /1019 Date: 18/07/23

To
The Dy. General Manager (F)
KHPS NEEPCO Ltd
Umrongso, Dima Hasao, Assam

Sub:- Submission of Supply of Labour for Departmnel Pump

Sir,

Enclosed please find herewith the following bills in duplicate along with enclosures mentioned below for your necessary action please.

Sl No	Div. Bill No. & Date	Name of party/Contractors	MB No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-II/F-67(B)/23-24/132 dtd 18/07/23	M Nagendran Nepali	—	₹ 1676178/-

Yours' faithfully,

000480

OFFICE OF THE GENERAL MANAGER (CIVIL)
HYDRAULIC STRUCTURES MAINTENANCE
KOPILI HYDRO POWER STATION.
UMRONGSO: DIMA HASAO. ASSAM.

No:KHPS/HSM/GM(C)/ F-67(B)/2023 /1019 Date: 18/07/23

To
The Dy. General Manager (F)
KHPS NEEPCO Ltd
Umrongso, Dima Hasao, Assam

Sub:- Submission of Supply of Labour for Departmental Pumps

Sir,

Enclosed please find herewith the following bills in duplicate along with enclosures mentioned below for your necessary action please.

Sl No	Div. Bill No. & Date	Name of party/Contractors	MB No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM/F-67(B)/23-24/132 dtd 18/07/23	Khagendra Gopal	—	₹ 1676178/-

Yours' faithfully,

GM (Civil) HSM

Name of Contractor : SRI KHAGENDRA HOJAI

Address :- : Umrangso
Dima Hasao, Assam

W.O No:NEEPCO/KHPS/C&P©/F-07/2023-2024/614, dated 31.5.2023.

GSTIN	18AIPPH8617P2ZC

Invoice No : Nil
Invoice date : 15.07.2023
Buyer's Ref. No. :
Dispatch Through :
LR No & Date :
Term of Payment :

Tax Invoice

Customer Name : KHEP, NEEPCO Ltd
Customer GSTIN : 18AAACN9991J2ZQ

Billing address : Sr. Manager (C),
KHEP, NEEPCO Ltd, Umrangso.

Sl No	SAC Code	Particulars of worKs	Quantity	Unit	Rate	Amount
1	996601	Engagement of unskilled labour for operation and maintenance departmental dewatering pump installed at Umrong Intake of Kopili P.S to facilitate working space for erection of Trash rack guide channel for Trash rack panels of Umrong Intake, KHPS, Umrangso. (Period from 01.11.2022 to 30.04.2023)	1	1	1420490.00	1420490.00
				Total		1420490.00
				Other expenses		nil
				Total		1420490.00
				SGST 9%		127844.10
				CGST 9%		127844.10
				IGST		-
				Amount		1676178.20
				Say Rs.		1676178.00

1

We declare that this invoice shows the actual price of goods described and that all particulars are true and correct.

2 E & O.E.

Total (Sixteen Lakhs seventy six thousand one Hundred seventy eight) only

17/07/2023
(Signature)

Sr. Manager (C)

000482

Bill varified for Rs 1676178.00 (Rupees sixteen lakhs seventy six thousand one hundred seventy
only and found correct for the perion from 6.10.2022 to 30.04.2023.

i) w.o.No.NEEPCO/KHPS/C&P©/F-07/2023-2024/614, dated 31.05.2023.

ii) Name of work:- "Engagement of manpower for operation and maintenance of departmental dewatering pump installed for restoration of Khandong P.S at different location, KHPS, Umrangso, period from 6.10.2022 to 30.04.2023)

iii) Bill recoreded in bill register and expenditure chargeable to "R & M of Khandong Power Station year 2023-24".

SES: 1000027245

15/7/2023

बी. लोंगमाईलाई/B. Longmailai
प्रबंधक (सी) / Manager (C)
केएचपीएस, नीपको लि., उमरांगसो (असम)
KHPS, NEEPCO LTD., Umrangso (Assam)

15/7/2023

यू. बोरा / U.Boran
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरांगसो (असम)
KHPS, NEEPCO LTD., Umrangso (Assam)

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
ISO: 9001 & 14001
OHSAS 18001
सी एण्ड पी (सी) स्कंध CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO POWER STATION, UMRANGSO, DIMA HASAO-788931, FAX 0367-285240, PH 0367-285036

No: NEEPCO/KHPS/C&P (C)/F-07/2023-2024/ 1903 Date: 11/10/23.

To,

SAP P.O.:→ 3700006912

Sri Sunny Hojai,
Contractor/Supplier,
Umrongso, Dima Hasao, Assam.

Sub: Order for **"Clearance of sludge, debris from Draft Tube Liner-II by engaging Diesel operated Derrick and Tractor at Khandong Power Station Stage-II, KHPS, Umrongso, Dima-Hasao, Assam (Period from 02.06.2023 to 19.06.2023)".**

Dear Sir,

With reference to the above, the Corporation is pleased to confirm the verbal order for Clearance of sludge, debris from Draft Tube Liner-II by engaging Diesel operated Derrick and Tractor at Khandong Power Station Stage-II, KHPS, Umrongso, Dima Hasao, Assam (Period from 02.06.2023 to 19.06.2023) as per the rates, terms & condition mentioned bellow:

Sl. No.	Description	Unit	Qnty	Rate (INR)	Amount (INR)
1	Hiring of 01 (One) No. Diesel Operated Derrick with operator including fitting & Fixing at Tail Pool of Khandong Stage-II Power Station (Period from 02.06.2023 to 17.06.2023)	Days	12.00	8333.33	99,999.96
2	Hiring of 01 (One) No. Tractor for carrying of sludge, debris from Tail Pool of Khandong Stage-II Power Station (Period from 02.06.2023 to 19.06.2023)	Days	16.00	1900.00	30,400.00
3	Consumption HSD for Tractor	Ltr	259.10	89.10	23,085.81
				Sub Total Rs.	1,53,485.77
				Add 10% Contractor's profit on item no (3) Rs.	2308.58
				Grand Total Rs.	**1,55,794.35**
				Say Rs.	**1,55,794.00**
(Rupees One Lakh Fifty Five Thousand Seven Hundred Ninety Four) only excluding GST.					

Terms and conditions:

1. **Scope of work**: The essence of this contract is Corporation is pleased to confirm the order for Clearance of sludge, debris from Draft Tube Liner-II by engaging Diesel operated Derrick and Tractor at Khandong Power Station Stage-II, KHPS, Umrongso, Dima Hasao, Assam (Period from 02.06.2023 to 19.06.2023) or any other works assigned by Engineer in charge.
2. **Contract Price & Payment**: The total value of the contract is **Rs.1,55,794.00 (Rupees One Lakh Fifty Five Thousand Seven Hundred Ninety Five)** only exclusive of GST as applicable.
3. **Bank Details/Taxes & Duties:** The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.
4. **Paying Authority:** The paying authority would be DGM (F), KHPS, NEEPCO Ltd., Umrongso.
5. The contractor shall be responsible for adopting all safety measures as relevant to the work and shall comply with all statutory requirements as applicable.
6. **Engineer In-charge:** The Engineer In-charge would be GM (C) HSM-II, KHPS.

Yours faithfully,

DGM (E/M), C&P
KHPS, NEEPCO Ltd., Umrongso.

DGM(E/M) C&P.

DM(C) M. to create a P.O. in ERP.

Plant code: 1900
GL: 4090303
Cost Centre. 1190001884

GM (C), HSM-II
12/10/2023

12/10/2023

OFFICE OF THE GENERAL MANAGER (CIVIL)
HYDRAULIC STRUCTURES MAINTENANCE
KOPILI HYDRO POWER STATION
UMRONGSO : DIMA HASAO . ASSAM

No: KHPS/GM (C)/HSM/T-110 /2023-24/ 1158 Date 13/10/23

To
The Dy. General Manager (F)
KHPS NEEPCO Ltd
Umrongso, Dima Hasao, Assam.

Sub :- Submission of Bill for Clearance of Shalac Deborsh from 05-

Sir,

Enclosed please find herewith the following bills in duplicate along with enclosures Mentioned below for your necessary action please

SL No	Div. Bill No. & Date	Name of party/ contractors	MB No	Amount
1/	KHPS/GM (C)/HSM-II/ T-110/23-24/166 dtd 13/10/23	Sunny Thapa.	—	₹ 1838384

Yours` faithfully

13/11

GM (civil) HSM
KHPS. UMRONGSO

...ORPORA...
...IA ENTERPRISE...
...L19*GOI001658
...REMENT (C) WI...
...ग्रम-788931
...FAX 0370-2...
Date: ...
...4-07
...his has reference approval of HOP...
...0.2023.
...nd necessary action please.
...tion and necessary action please.
...or information please.
DGM (E/M), C&P
NEEPCO Ltd., Umrongso.

SRI SUNNY HOJAI
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref: N Nil

Dated : 12.10.2023

GSTIN No 18ADYPH7598D2ZP

To,

The General Manager(C),
HSM - II, KHEP, Umrangso.

Sub:- Bill for "Clearence of sludge,debries from Draft Tube liner - II by engaging Diesel operated Derrick and Tractor at Khandong Power Station Stage - II, KHPS, Umrongso, Dima Hasao, Assam (Period from 02.06.2023 to 19.06.2023)"

Order No.:- NEEPCO/KHPS/C&P ©/ F-07/2023-24/ 1903 Date. 11.10.2023

Sl No	Description	Unit	Quantity (days)	Rate in Rs,	Amount in Rs.
1	Hiring of 01 (One) No. Diesel Operated Derrick with operator including fitting & fixing at Tail Pool of Khandong Stage- II Power Station (period from 02.06.2023 to 17.06.2023)	days	12.00	8333.33	99999.96
2	Hiring of- 01 (One) no Tractor for carrying of sludge, debries from Tail Pool of Khandong Stage- II Power Station (Period from 02.06.2023 to 19.06.2023)	days	16.00	1900.00	30400.00
3	Consumption HSD for tractor.	Ltr	259.10	89.10	23085.81
			Sub Total Rs.		153485.77
	Add 10 % Contractor's profit for item no. (3) Rs.				2308.58
			Grand Total (A) = Rs.		155794.35
	Add CGST @ 9%				14021.49
	Add SGST @ 9%				14021.49
	Total (B)				28042.98

Total (A) + (B) = **183837.33**

Say, Rs. **183837.00**

In words : (Rupees One lakh Eighty-Three Thousand Eight hundred Thirty-seven) only

Place: KHEP, Umrangso

(Sunny Hojai)

Amount	
₹ 1,55,794.35	
₹ 1,55,794.35	

ger (C), HSM-II
PCO Ltd, Umrangso.

Certified that,

* The bill for an amount of Rs.1,83,8
(Rupees one lakh eighty three thousand eight hundred
thirty eight) only inclusive of GST@18%. has been
verified and found to be in order.

* The bill is for the period from 02.06.202
to 19.06.2023.

* The bill has been entered in the Bill Registe

* SES. No.- 1000031097.

13-10-2023

बी. बोरकाकती/B. Borkakaty
उप प्रबंधक (सी)/Dy.Manager (C)
एचएसएम/HSM-II
केएचपीएस, नीपको, उमरांग्सो (असम)
KHPS, NEEPCO, Umrongso (Assam)

13.10.23

यू. बोरा / U.Borah
महाप्रबंधक (सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरांग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
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सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉंग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

No: NEEPCO/KHPS/C&P (C)/F-07/2023-2024/ 1416 Date: 12/09/23.

To,

Sri Khagendra Hojai,
Contractor/Supplier,
Umrongso, Dima Hasao, Assam.

Sub: Order for "**Engagement of manpower for operation and maintenance departmental dewatering pump installed for restoration of Khandong P.S at different location, KHPS, Umrongso** (For the period from 01.05.2023 to 10.08.2023)."

Dear Sir/Madam,

With reference to the above, the Corporation is pleased to confirm the order for Engagement of manpower for operation and maintenance departmental dewatering pump installed for restoration of Khandong P.S at different location, KHPS, Umrongso as per the rates, terms & condition mentioned bellow:

Sl. No.	Description		Unit	Qnty.	Rate (INR)	Amount (INR)
1	Supply & engagement of labour for operation and maintenance of department pump round the clock at different location.		Man days	510.00	500.00	255000.00
	For the month of May'2023	155				
	For the month of June'2023	150				
	For the month of July'2023	155				
	For the month of August'2023	50				
	Total	510				
2					Sub Total	255000.00
3					Add 10% for contractor's profit (2)	**25500.00**
4					Add 3.25% ESIC on (2)	8288.00
5					Add 12.68% EPF from Employer on (2)	32334.00
6					Sub Total (2+3+4+5)	**321122.00**
7					Add 18% GST on (6)	57802.00
					Grand Total on (5+6)	**3,78,924.00**
Rupees Three Lakh Seventy Eight Thousand Nine Hundred Twenty Four only including GST.						

Terms and conditions:

1. **Scope of work:** The essence of this contract is Engagement of manpower for operation and maintenance departmental dewatering pump installed for restoration of Khandong P.S at different location, KHPS, Umrongso or any other works assigned by Engineer in charge.
2. **Contract Price & Payment:** The total value of the contract is **Rs.3,78,924.00 (Rupees Three Lakh Seventy Eight Thousand Nine Hundred Twenty Four)** only inclusive of GST as applicable.
3. **Bank Details/Taxes & Duties:** The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.
4. **Paying Authority:** The paying authority would be DGM (F), KHPS, NEEPCO Ltd., Umrongso.
5. The contractor shall be responsible for adopting all safety measures as relevant to the work and shall comply with all statutory requirements as applicable.
6. **Engineer In-charge:** The Engineer In-charge would be GM (C) HSM-II, KHPS.

PO :- 3700006823

Khandong R&M. 30721

CES : 100005~~0622~~

Yours faithfully,

11/09/2023

DGM (E/M), C&P
KHPS, NEEPCO Ltd., Umrongso.

F-110

OFFICE OF THE GENERAL MANAGER (CIVIL)
HYDRAULIC STRUCTURES MAINTENANCE
KOPILI HYDRO POWER STATION
UMRONGSO : DIMA HASAO . ASSAM

No: KHPS/GM (C)/HSM/F-110 /2023-24/ 1150 Date 10 / 10 / 23

To
The Dy. General Manager (F)
KHPS NEEPCO Ltd
Umrongso, Dima Hasao, Assam.

Sub :- Submission of Bill for Supply of Labour for Departmental pump
Sir,

Enclosed please find herewith the following bills in duplicate along with enclosures Mentioned below for your necessary action please

SL No	Div. Bill No. & Date	Name of party/ contractors	MB No	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-II/ F-110/23-24/162 dtd 10/10/23	Khagendra Nath Thapa	—	₹ 379924/-

Yours' faithfully

10/10/23
GM (civil) HSM
KHPS. UMRONGSO

Bill

To,

Dated 06.10.2023

The Gen. Manager (C)
HSM-II, KHPS NEEPCO LTD
Umrangso

Sub:- Bill for Engagement of manpower for operation and maintenance of departmental dewatering pump installed for restoration of Khandong P.S at different location, KHPS, Umrangso.(For the period from 01.05.2023 to 10.08.2023)

Work order No :-NEEPCO/KHPS/C&P©/F-07/2023-2024/1416, dated 12.09.2023.

Sl. No	Particulars of works		Unit	Quantity in days	Rate	Amount
1	Supply & engagement of labour for operation and maintenance of department pump round the clock at different location-		Man days	510	500.00	255000.00
	For the month of May,2023	155				
	For the month of June,2023	150				
	For the month of July,2023	155				
	For the month of Aug,2023	50				
2	Total	510				255000.00
3	Add 10% for contractors profit on (2)					25500.00
4	Add ESIC @3.25% on (2)					8288.00
5	Add 12.68% for PF for labour on (2) (Employers contribution)					32334.00
6	Sub total (2+3+4+5)					321122.00
7	Add GST @ 18% on (6)					57802.00
	Grand total (6+6)					3,78,924.00

(Rupees three Lakhs seventy eight thousand nine Hundred twenty four) only.

6/10/2023

(Khagendra Hojai)
Contractor

Name of Contractor :-
Address :-
W.O No:-

Bill varified for Rs 378924.00 (Rupees three Lakhs seventy eight thousand nine Hundred twenty four) only and found correct for the perion from 01.05.2023 to 10.08.2023).

i) w.o.No.NEEPCO/KHPS/C&P©/F-07/2023-2024/1416, dated 12.09.2023.

ii) Name of work:- "Engagement of manpower for operation and maintenance of departmental dewatering pump installed for restoration of Khandong P.S at different location, KHPS, Umrangso.(For the period from 01.05.2023 to 10.08.2023))

iii) Bill recoreded in bill register and expenditure chargeable to "R & M of Khandong Power Station for the year 2023-24".

PO :- 3700006823
SES:- 1000030721

9/10/2023
बी. लॉंगमाईलाई/B. Longmailai
प्रबंधक (सी) / Manager (C)
एचएसएम - I / HSM - I
खंडोंग पनबिजली केन्द्र, उमरांगसो (असम)
KHPS, Umrangso (Assam)

10.10.2023

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
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सी एण्ड पी (सी) स्कंध CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉंग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931. FAX 03670-288240, PH 03670-288036

No: NEEPCO/KHPS/C&P (C)/F-07/2023-24/ 1629 Date: 29/09/2023.

To,

Sri Khagendra Hojai,
Contractor, Umrongso,
Dima Hasao, Assam.

Sub: Order for "Engagement of Un-Skilled labour for restoration work of Khandong Power Station at KHPS, Umrongso, Dima Hasao, Assam (period from 01.02.2023 to 05.08.2023)".

Dear Sir,

With reference to the above, the Corporation is pleased confirm the order for "Engagement of Un-Skilled labour for restoration work of Khandong Power Station at KHPS, Umrongso, Dima Hasao, Assam".

Sl. No.	Description	Unit	Qnty in days	Rate (INR)	Amount (INR)
1	Engagement of Un-Skilled labour for restoration work of Khandong Power Station at KHPS, Umrongso (Period from 01.02.2023 to 05.08.2023)	Mandays	1916	500.00	9,58,000.00
				Total	**9,58,000.00**
				Adding 2.5% for T&P	23950.00
				Contractor profit@10%	95800.00
				Grand Total Rs.	**10,77,750.00**

(Rupees Ten Lakh Seventy Seven Thousand Seven Hundred Fifty) only exclusive of GST.

Terms and conditions:

1. **Scope of work:** The essence of this contract is to Engagement of Un-Skilled labour for restoration work of Khandong Power Station at KHPS, Umrongso, Dima Hasao, Assam or any other works assigned by Engineer-in-charge.
2. **Contract Price & Payment:** The total value of the contract is **Rs.10,77,750.00** (**Rupees Ten Lakh Seventy Seven Thousand Seven Hundred Fifty**) only exclusive of GST as applicable.
3. **Bank Details/Taxes & Duties:** The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.
4. **Paying Authority:** The paying authority would be DGM (Fin), KHPS, NEEPCO Ltd., Umrongso.
5. The contractor shall be responsible for adopting all safety measures as relevant to the work and shall comply with all statutory requirements as applicable.
6. **Engineer-In-charge:** The Engineer-In-charge would be GM (C), HSM-II, KHPS.

Yours faithfully,

DGM (E/M), C&P
KHPS, NEEPCO Ltd., Umrongso.

Memo No: NEEPCO/KHPS/ C&P(C)/F-07 /2023-2024/ 1630 - 33 **Date:** 29/09/2023.

Copy to:

1. The HOP, KHPS for favour of kind information please. This is reference to his approval HOP vide Note Sheet/CW/HSM -II/KH011/93/KHEP/11/08/2023, Dated: 27.09.2023.
2. The GM (C), HSM-II, KHPS, Umrongso for information and necessary action please.
3. The DGM (Fin), KHPS, NEEPCO, Umrongso for information and necessary action please.
4. The DGM (C), Vigilance Wing, KHPS, NEEPCO, Umrongso for information please.

DGM (E/M), C&P
KHPS, NEEPCO Ltd., Umrongso.

Dy. Mgr.(C) C&P
SAP ID against the W.O.
04/10/2023

It is requested to create a P.O. in ERP
DGM (E/M) C&P
30/09/2023

29/09/2023

T-110
B.B

NEEPCO

OFFICE OF THE GENERAL MANAGER (CIVIL)
HYDRAULIC STRUCTURES MAINTENANCE
KOPILI HYDRO POWER STATION
UMRONGSO : DIMA HASAO . ASSAM

No: KHPS/GM (C)/HSM/ T-110 /2023-24/ 1147

Date 09/10/23

To
The Dy. General Manager (F)
KHPS NEEPCO Ltd
Umrongso, Dima Hasao, Assam.

Sub :- Submission of Final Bill for engagement of Labour.
Sir,

Enclosed please find herewith the following bills in duplicate along with enclosures Mentioned below for your necessary action please

SL No	Div. Bill No. & Date	Name of party/ contractors	MB No	Amount
1.	KHPS/GM(C)/HSM-IV/ T-110/23/24/158 Dt. 4/10/23	Khagendra Hojai	—	12,71,746=00
			Total Rs.	12,71,746=00

Yours' faithfully

9.10.2023
GM (civil) HSM
KHPS. UMRONGSO

SRI KHAGENDRA HOJAI

Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref: No. Nil

Dated : 03.10.2023

GSTIN No 18AIPPH8617P2ZC

To,

The General Manager(C),
HSM - II, KHEP, Umrangso.

Sub:- Submission of bill for " Engagement of unskilled labour for restoration of Khandong Power Station at KHPS, Umrongso, Dima-Hasao, Assam . (From 01.02.2023 to 05.08.2023)

Work Order No.: NEEPCO/KHEP/C&P(C)/F-07/2020-21/ 1629, dtd 29.09.2023

Sl No	Particulars of works	Unit	Quantity (In days)	Rate	Amount
1	Supply of unskilled labour (From 01.02.2023 to 05.08.2023)	Man days	1916	500.00	9,58,000.00
				Add 2.5 % for T&P	23,950.00
				Add 10% for contractors profit	95,800.00
				Total amount in Rs. (A)	10,77,750.00
				Add CGST @ 9%	96,997.50
				Add SGST @ 9%	96,997.50
				Total (B)	12,71,745.00
			Total (A) + (B)	**= Rs**	**12,71,745.00**

In words : (Rupees twelve lakhs seventy one thousand seven hundred forty five) only

3/10/2023

(Khagendra Hojai)

Place: KHEP, Umrangso

Certified that,

* The bill for an amount of Rs. 12,71,715·00 (Rupees twelve lakhs seventy one thousand seven hundred fifty five) only has been verified and found to be in order.

* The period of this bill is 01/02/23 to 05/8/23.

* The bill entered in the Bill Register.

* SES No. — 1000030523

* P.O. No. — 3700006820

04-10-2023

बी. बोरकाकती/B. Borkakaty
उप प्रबंधक(सी)/Dy.Manager (C)
एचएसएम/HSM-II
केएचपीएस, नीपको, उमरांगसो (असम)
KHPS, NEEPCO, Umrongso (Assam)

9.10.23

यू. बोरा / U.Bora
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरॉगसो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

ISO 9001 & 14001
OHSAS 18001

NO: NEEPCO/KHEP/ C&P(C)/F-05 /2022-2023/ 734 Date: 04/6/22

To,

M/S Precision Survey Consultancy,
Vichitra SP-45,Kolkata West International City
P.O.-Bankra, P.S.- Domjur
Howrah-711403,West Bengal

Sub: Work Order for the work **"Detailed Survey at Khandong Stage-I & II PS Area", KHPS, Dima Hasao, Assam."**

Dear Sir (s),

In inviting a reference to the above, the undersigned on behalf of Corporation is pleased to place this order for execution of the work of "Detailed Survey at Khandong Stage-I & II PS Area", KHPS, Dima Hasao Assam." as per specification, rates and terms & condition stipulated hereunder and as agreed by you.

Terms and conditions:

1. **Scope of Work:**
   a) Conducting survey of entire outside of powerhouse of Khandong Power House and Kopili Stat liusing 3 D Lidar Scanner and DGPS atc instrument to collect necessary inputs and preparing executable drawings (Auto CAD Format) and providing necessary data and drawing.
   b) Survey and preparation of plan of every floors, showing every cut-out, generator barrel, beams, columns, stair case and other notable features. Survey and preparation of long and crosssection of power house with necessary details showing stair, barrel, runner removal galley, beam, column etc.
2. **Value of Work: Rs.5,25,000.00 (Rupees Five Lakhs Twenty Five Thousand)** only exclusive of GST. The details of items shown in the enclosed Annexure-I.
3. **Time of Completion**: Partial work under Sl. No. 3 of the BOQ has already been completed by the firm, balance work Under Sl. No.4 pertaining to Khandong PS should be completed within 15 (fifteen) days from the date of handing over the front.
4. **Payment Terms:** Only the total number of days spent at site will be considered for payment. 100% payment shall be released on completion of entire works and on receipt of all drawings and reports. However, GST and other duties if any shall be reimbursed on production of documentary evidence. Bill in triplicated is to be submitted for effecting payment.
5. **Payment Authority:** The Dy. General Manager (Fin), Finance & Accounts Wing, KHPS, NEEPCO Ltd., Umrongso, Dima Hasao, Assam. The payment shall be made under the E-Payment system. You are requested to submit the following details: (i) Bank Account Number (ii) Type of Bank Account (Savings/Current/Cash Credit etc.) (iii) IFSC Code (11 digit)/MICR Code as applicable.
6. **Labour Act and Regulation:** Strict adherence to all statutory labour rules, regulations, EPF Act & amendments by the Govt. of India and State Govt. should be complied by the contractor.
7. **Employees provident fund scheme:** The contractor must be Registered Establishment under EPF & MP Act. 1952 and Scheme there under and shall specify independent Code No. In the event of the Contractor is liable under the said Act but not a Registered Establishment the said Contractor shall obtain Code/Sub-Code No. from the Regional Provident Fund Commissioner as per the procedure prescribed by Law.
8. **General Safety:** All necessary/adequate personal safety measures/requirements as per relevant Safety engineering and safety code shall be maintained at site. The contractor shall ensure proper use of the safety measures.
9. **General Insurance:** The contractor shall be fully responsible for making arrangement against insurance of labours and materials to be engaged at site
10. **Completion Certificate:** The work shall be completed to the entire satisfaction of the Engineer-in-charge and in accordance with the time mentioned in the contract or extension thereof. On completion of the work including submission of Report the Contractor shall notify the Engineer-in-charge regarding the completion of work. The Engineer-in-charge shall issue the Completion Certificate on being satisfied with the work.

OFFICE OF THE GENERAL MANAGER (CIVIL)
HYDRAULIC STRUCTURES MAINTENANCE
KOPILI HYDRO POWER STATION
UMRONGSO : DIMA HASAO . ASSAM

No: KHPS/GM (C)/HSM/T-110 /2023-24/ 47 1957 Date 02 /12 /2023.

To
The Dy. General Manager (F),
KHPS NEEPCO Ltd,
Umrongso, Dima Hasao, Assam.

Sub :- Submission of
Sir,

Enclosed please find herewith the following bills in duplicate along with enclosures Mentioned below for your necessary action please.

SL No	Div. Bill No. & Date	Name of party/ contractors	MB No	Amount
1	2	3	4	5
①	NO. NEEPCO/KHPS/GM(C) HSM/T-110/2023-24/ 47 dt. 02/12/2023.	M/s Precision Survey consultancy	—	Rs. 6,17,234'00

Yours` faithfully.

02/12/23

GM (civil) HSM,
KHPS. UMRONGSO.

PRECISION SURVEY CONSULTANCY

Specialist in : SURVEY WORKS

Land, Topographic, Hydrographic, Transmission Line, Road Works, Dam, Tunneling, Minning, Rail, Pipeline, Industrial Project, Quantity Survey & All Kinds of Engineering Survey.

Office : "Vichitra", Shop No.-45, (Kolkata West International City) Salap Junction, Howrah Amta Road & Bombay Road Crossing, NH-6, Howrah-711 403, Phone : 07044064584 / Fax : (033) 2653-8841
Visit Us : www.indiamart.com/precision-survey
E-mail : survey_consultancy@yahoo.co.in

TAX INVOICE

GSTIN of Service Receiver:	18AAACN9991J2ZQ	Ref: W.O. No.: NEEPCO/KHEP/C&P(C)/F-05/2022-23/734	
Serial No. of Invoice:	PSC/23-24/114 Dtd. 11/11/2023	WO Date: 04/06/2022	
GSTIN of Service Provider:	19AGRPD1007H1ZL	Place of Supply of Service: Assam	
PAN of Service Provider:	AGRPD1007H	Email id:- info@precisionsurvey.co.in	

Details of Service receiver:
The Genarel Manager (C), C&P
Kopili Hydro Electric Plant,
North Eastern Electric Power Corporation Ltd.
Umrangso, Dima Hasao- 788931

Details of Service Provider:
PRECISION SURVEY CONSULTANCY
Vichitra SP-45, Kolkata West International City, Salap Junction,
Howrah Amta Road & Bombay Road Crossing,
NH-6, Howrah - 711403, West Bengal

Sl. No	Description	Unit	Qty	Unit Rate	Amount (Rs.)	Total Taxable Value (Rs.)	IGST	
							Rate	Amt
	Name of the work:- "Detailed Survey at Khandong Stage-I &II PS Area" KHPS, Dima Hasao, Assam.							
1	Team Mobalization - Demobalization at site with machinery and tools all complete (from Kolkata to Dam site up & down)	Trip	2.000	25,000.00	50,000.00	50,000.00	18%	9,000.00
2	Local tranesportation upto site and back on daily basis during excution of work(considering 25 days. However, only thetotal number of days spent at site will be considered for payment)	Day	25.000	3,000.00	75,000.00	75,000.00	18%	13,500.00
3	Conducting survey of entire outside of powerhouse of Khandong Power House and Kopili Stat-liusing 3 D Lidar Scanner and DGPS etc instrument to collect necessary inputs and preparing executable drawings (Auto CAD Format) and providing necessary data and drawing.	Sqm	30,500.000	8.00	244,000.00	244,000.00	18%	43,920.00
4	Survey and preparation of plan of every floors, showing every cut-out, generator barrel. beams, columns, stair case and other notable features. Survey and preparation of Sqm long and crosssection of power house with necessary details showing stair, barrel. runner removal galley, beam, column etc.	Sqm	7,704.000	20.00	154,080.00	154,080.00	18%	27,734.40
	Total (Rs.)					523,080.00		94,154.40
								617,234.40

Total Invoice Rs.

Rupees Six Lakh Seventeen Thousand Two Hundred Thirty Four and Forty Paisa Only

Amount of Tax subject to Reverse Charges: N.A.

Certified that the particular given above are true and currect and the amount indicated.

BANK DETAILS:-
SBI Bankra Branch,
A/c No. 31365656025
Branch IFSC - SBIN0012431
MICR Code - 700002372
Name of the Claimant/ Payee/Recipient: PRECISION SURVEY CONSULTANCY

For Precision Survey Consultancy
Swarup Dutta
Proprietor

No. NEEPCO/KHPS/GM(C)/HSM/T-110/

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A Government of India Enterprise)
OFFICE OF THE GENERAL MANAGER (C)
Umrongso, Dist. Dima Hasao, Assam

WORK COMPLETION CERTIFICATE

Name of Work:- Detailed Survey

Certified that,

The bill for an amount of Rs. 5,23,683/- (Rupees five lakh twenty-three thousand six hundred eighty) only plus GST @ 18% has been verified and found in order.

The work was completed on 30-09-2023 and the time extension if any has been granted by the competent authority without levy of penalty (copy enclosed)

The final report has been verified by undersigned, Guwahati and accepted by Asstt. Mgr.(C), HSM-II KHPS (copy of E-mail enclosed)

SES No :- 1000032980

02/12/2023

प्राजीत कुमार दास / P.K. Das
प्रबंधक (सी) / Manager (C)
एचएसएम / HSM
खेप, नीपको लि. उमरांगसो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरांगसो
KHPS, NEEPCO LTD., Umr...

SAP :- 3700006739

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉंग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO POWER STATION, UMRANGSO, DIMA HASAO-788931. FAX 03670-288240, PH 03670-288036
ISO: 9001 & 14001
OHSAS 18001

No. NEEPCO/NEEPCO/KHPS/C&P (C)/F-05/2023-24/ 384 Dated: 11/05/23

To,

Dr. Partha Ghosh, Professor
Construction Engg. Department
Jadavpur University, Salt Lake Campus
Kolkata- 700106
West Bengal, India

E-Mail:
parthaghosh.const@jadavpuruniversity.in/
pghosh190678@gmail.com
Mobile No: +91 9433112189,
+91 9875326364, Fax: (033) 2335

Sub: **Consultancy services for conducting Pulse Echo UT and other required NDT tests for Khandong Stage-I Power Station Building at KHPS, Umrangso.**

Ref: **Your offer letter issued vide No. JU/STA/NEEPCO/KH/04/2023/005, Dated:29/04/2023**

Dear Sir,

With reference to above, the undersigned on behalf of North Eastern Electric Power Corporation (NEEPCO) Limited is pleased to place work order for Consultancy Services for conducting Pulse Echo UT and other required NDT tests for Khandong Stage-I Power Station Building at KHPS, Umrangso, Assam, including testing & report submission as per rate and terms & conditions enumerated herein below:

Sl. No.	Description of Job	Rate (INR)	Quantity	Amount (INR)
1	Visual Inspection	25,000.00	1	25,000.00
2	NDT	1,00,000.00	1	1,00,000.00
3	Chemical analysis of concrete sample	25,000.00	1	25,000.00
4	Preparation and submission of report	50,000.00	1	50,000.00
			Total	**2,00,000.00**
				(Rupees Two Lakh) only

Scope of Works:

Based on the NDT and Partial Destructive Test the scope of the work is as follows.

a) Visual Inspection: To assess the present condition
b) Schmidt Hammer test as per IS 516 (Part - 5) / Sec-4 2020: To assess the surface hardness
c) Ultrasonic Pulse Velocity Test as per IS 516 (Part-5) / Sec-1 2018 : To assess the density and quality along with presence of cracks, voids and other imperfections of concrete.
d) Electrical Resistivity Test (as per AASTHO TP 95): To assess the corrosion of reinforcement
e) Carbonation Test (As per IS 516 Part-5/Sec-3 2021): To assess the depth of carbonation of concrete.
f) Profometer/Cover meter test as per BS 1881:204: To assess the location of reinforcement.
g) Chemical Analysis of Core samples:
   - Petrography of Concrete Core Samples Through SEM (Scanning Electron Microscope) Imaginary
   - Edx Analysis of Concrete Core Samples
   - XRD/XRF Analysis of Concrete Core Samples
   - Chloride Content of Concrete Core Samples
   - pH of Concrete Core Samples
h) Submission of the structural soundness report along with suggestion for further re-strengthening if required.

अ.रा.स. / U.O. No. 1801
दिनांक / Dtd. 22/09/23
एचएसएम / HSM
खेप, नीपको लि., उमरॉंग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

T-110

NEEPCO

OFFICE OF THE GENERAL MANAGER (CIVIL)
HYDRAULIC STRUCTURES MAINTENANCE
KOPILI HYDRO POWER STATION
UMRONGSO : DIMA HASAO . ASSAM

No: KHPS/GM (C)/HSM/T-110 /2023-24/ 1124 Date 26/9/23

To
The Dy. General Manager (F)
KHPS NEEPCO Ltd
Umrongso, Dima Hasao, Assam.

Sub :- Submission of Bill for Consultancy for Pulse Echo UT NDT Test

Sir,

Enclosed please find herewith the following bills in duplicate along with enclosures Mentioned below for your necessary action please

SL No	Div. Bill No. & Date	Name of party/ contractors	MB No	Amount
1/	KHPS/GM (C)/HSM-I/ T-110/23-24/154 dtd 25/9/23	Dr. Partha Ghosh professor, Construction Engg.	—	₹236000/-

Yours` faithfully

26/09/23

GM (civil) HSM
KHPS. UMRONGSO

Ref. No. JU/STA/NEEPCO/KH/04/2023/005, Dated: 29.04.2022

To
DGM€, C&P, KHPS
NEEPCO Ltd, Umrangso
GM(C) HSM-II

Your WO No. NEEPCO/NEEPCO/KHPS/C&P(C) /F-05/2023-24/384, Dated 11/05/2023

Payment Advice

Sl. No	Description of Job	Rate. (Rs.)	Qnty.	Amount (Rs.)
1	Visual Inspection	25,000.00	1	25,000.00
2	NDT	100000.00	1	100000.00
3	Chemical analysis of concrete sample	25000.00	1	25000.00
4	Preparation and submission of report.	50,000.00	1	50000.00
			Total=	200000.00
			Add @18% total GST =	36000.00
			Net total=	236000.00

(Rupees Two lacs thirty-six thousand only)

Notes:

1. The payment is to be made by NEFT/RTGS/Online to "**Jadavpur University**:", payable at Kolkata. **SBI A/C.No. 11079699404**, IFSC Code: SBIN0000093.
2. Jadavpur University is exempted from T.D.S against the income of the University including testing/Consultancy fees by virtue of section 10(23C) of Income Tax. Act 1961.
3. GST TDS is not applicable here.

Thanking you
With regards

Dr. Partha Ghosh
Professor
Mob. No 9433112180
Dr. Partha Ghosh
B.E. (Civil), M.
Professor
Construction Engg. and Mgmt.
Jadavpur University, Kolkata-700 106

Certified that.

* The Bill for an amount of Rs. 2,00,000·00 (Rupees two Lakhs) only plus GST @ 18% has been verified and found to be in order.

* The final Report has been verified by DEE Wing, Guwahati. (Copy of e-mail enclosed).

* The final Report has been accepted by the General Manager (O) HSM-II, KHPS. (Copy enclosed).

* SES No. —

25-09-2023

बी. बोरकाकती/B. Borkakaty
उप प्रबंधक (सी)/Dy.Manager (C)
एचएसएम/HSM-II
केएचपीएस, नीपको, उमरांग्सो (असम)
KHPS, NEEPCO, Umrongso (Assam)

25/09/2023

यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरांग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
ISO: 9001 & 14001
OHSAS 18001
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉन्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

No: NEEPCO/KHPS/C&P (C)/F-07/2022-2023/ 6288 Date: 28/03/23

Dy. Mgr (C), C&P for SAP 30/03/2023

To,

Sri Dabiang Lapasam,
Contractor/Supplier,
Umrongso, Dima Hasao, Assam.

Sub: Order for **"Engagement of unskilled labour for restoration work of Khandong Power Station, KHPS (Group-B) from 01.09.2022 to 30.11.2022.**

Dear Sir,

With reference to the above, the Corporation is pleased to confirm the order for Engagement of Un-skilled labours for restoration works of Khandong Power Station at KHPS, Umrongso, Dima Hasao, Assam as per the rates, terms & condition mentioned bellow:

Sl. No.	Description	Unit	Qnty of Days	Rate (INR)	Amount (INR)
1	Engagement of unskilled labours for restoration work of Khandong Power Station, KHPS (period of 01.09.2022 to 30.11.2022	Man day	308.00	500.00	1,54,000.00
				Sub Total Rs.	**1,54,000.00**
				Add T&P charges@2.5%	3850.00
				Add 10% Contractor's profit	15400.00
				G. Total	**1,73,250.00**
(Rupees One Lakh Seventy Three Thousand Two Hundred Fifty) only excluding GST.					

Terms and conditions:

1. **Scope of work:** The essence of this contract is to removal & cleaning of slush, debries etc. from Khandong Stage-I Power House, KHPS, Umrongso from 01.09.2022 to 30.11.2022 or any other works assigned by Engineer in charge.
2. **Contract Price & Payment**: The total value of the contract is **Rs.1,73,250.00 (Rupees One Lakh Seventy Three Thousand Two Hundred Fifty)** only exclusive of GST as applicable.
3. **Bank Details/Taxes & Duties:** The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.
4. **Paying Authority:** The paying authority would be DGM (F), KHPS, NEEPCO Ltd., Umrongso.
5. **Engineer In-charge:** The Engineer In-charge would be GM (C) HSM-II, KHPS.

प्रति सं / Receipt No. 1838
दिनांक / Dtd 29/03/23
एचएसएम / HSM
खेप, नीपको लि., उमरॉन्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

Yours faithfully,

DGM (E/M), C&P
KHPS, NEEPCO Ltd., Umrongso.

Memo No: NEEPCO/KHPS/ C&P(C)/F-07 /2022-2023/ 6289 – 92 **Date:** 28/03/23

Copy to:

1. The HOP, KHPS for favour of kind information please. This has reference to his approval vide U.O. No. 5605, Dated: 28.03.2023.
2. The GM (C), HSM-II KHPS, Umrongso for information and necessary action please. A copy of the approval is enclosed for future compliance.
3. The DGM (Fin), KHPS, NEEPCO, Umrongso for information and necessary action please.
4. The DGM (C), Vigilance, KHPS, NEEPCO, Umrongso for information please.

28/03/2023

DGM (E/M), C&P
KHPS, NEEPCO Ltd., Umrongso.

Manager (C)/DM(C) Khandong PS for needful.

29/03/2023

May be send to C&P wing for creation of P.O.

30-03-2023

Forwarded to the DGM(E/M) C&P for creation of P.O. Plant code 1900 GL 4090303 Cost. Centre 1190001884

30/3

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

NO. KHPS/GM(C)/HSM/R-110/2022-23/855 DTD: 03/04/23

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Cost center – 1180001884
Profit center – 1200018000

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-II/R-110/22-23/101 dtd 01/04/23	Dabiang Lapasam	–	₹204,436.00

Enclosed:- As above.

Yours faithfully

01/04/2023
General Manager (Civil)
HSM, KHPS, Umrangso

SRI DABIANG LAPASAM
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref: No. Nil Dated : 31.03.2023

GSTIN No 18GHEPS7091L1ZG

To,

The General Manager(C),
HSM - II, KHEP, Umrangso.

Sub:- Submission of bill for " Engagement of unskilled labour for restoration work of Khandong Power Station , KHPS, (Group-B) . (From 01.09.2022 to 30.11.2022)

Order No.: NEEPCO/KHPS/C&P(C)/F-07/2022-23/ 6288 , dtd 28.03.2023

Sl No	Particulars of works	Unit	Quantity (In days)	Rate	Amount
1	Engagement of unskilled labour for restoration work of Khandong Power Station, KHPS (From 01.09.2022 to 30.11.2023)	Man days	308	500.00	154000.00
	Add 2.5 % for T&P				3850.00
	Add 10% for contractors profit				15400.00
	Total amount in Rs.				173250.00

Say, Rs. **173250.00**

In words : (Rupees One lakh Seventy-three Thousand Two hundred Fifty) only

D-Lapasam
(Dabiang Lapasam)

Place: KHEP, Umrangso

1) Bill amount verified for Rs 173250.00 (Rupees One lakh Seventy-three Thousand Two hundred Fifty) only exclusing GST and found in order.

2) Period of Bill w.e.f 01.09.2022 to 30.11.2022

3) Bill recorded in bill register

4) Amount is chargeable to Khandong Power Station RR&M (0704) for the year 2022-23.

31.3.23

प्राजीत कुमार दास / P.K. Das
प्रबंधक (सी) / Manager (C)
एचएसएम / HSM
खेप, नीपको लि. उमरांग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

G.M(CIVIL)
OCO Ltd.
788931

KHPS/4
10/22-2

(2)

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉंग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

ISO: 9001 & 14001
OHSAS 18001

No: NEEPCO/KHPS/C&P (C)/F-07/2022-2023/ 6293 Date: 28/03/23

Dy. Mg. (C) call for SAP no. 30/03/2023

To,

Sri Ramsing Ronghi,
Contractor/Supplier,
Umrongso, Dima Hasao, Assam.

Sub: Order for **"Engagement of unskilled labournfor restoration work of Khandong Power Station, KHPS (Group-C) from 01.09.2022 to 30.11.2022.**

Dear Sir,

With reference to the above, the Corporation is pleased to confirm the order for Engagement of Un-skilled labours for restoration works at Khandong Power Station at KHPS, Umrongso, Dima Hasao, Assam as per the rates, terms & condition mentioned bellow:

Sl. No.	Description	Unit	Qnty of Days	Rate (INR)	Amount (INR)
1	Engagement of unskilled labours for restoration work of Khandong Power Station, KHPS (period of 01.09.2022 to 30.11.2022	Man day	318.00	500.00	1,59,000.00
				Sub Total Rs.	**1,59,000.00**
				Add T&P charges@2.5%	3975.00
				Add 10% Contractor's profit	15900.00
				G. Total	**1,78,875.00**
(Rupees One Lakh Seventy Eight Thousand Eight Hundred Seventy Five) only excluding **GST.**					

Terms and conditions:

1. **Scope of work:** The essence of this contract is to removal & cleaning of slush, debries etc. from Khandong Stage-I Power House, KHPS, Umrongso from 01.09.2022 to 30.11.2022 or any other works assigned by Engineer in charge.
2. **Contract Price & Payment:** The total value of the contract is **Rs.1,78,875.00 (Rupees One Lakh Seventy Eight Thousand Eight Hundred Seventy Five)** only exclusive of GST as applicable.
3. **Bank Details/Taxes & Duties:** The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.
4. **Paying Authority:** The paying authority would be DGM (F), KHPS, NEEPCO Ltd., Umrongso.
5. **Engineer In-charge:** The Engineer In-charge would be GM (C) HSM-II, KHPS.

प्रति सं / Receipt No. 1839
दिनांक / Dtd. 29/03/23
एचएसएम / HSM
खेप, नीपको लि., उमरॉंग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

Yours faithfully,

DGM (E/M), C&P
KHPS, NEEPCO Ltd., Umrongso.

Memo No: NEEPCO/KHPS/ C&P(C)/F-07 /2022-2023/ 6294-97 **Date:** 28/03/23

Copy to:

1. The HOP, KHPS for favour of kind information please. This has reference to his approval vide U.O. No. 5605, Dated: 28.03.2023.
2. The GM (C), HSM-II KHPS, Umrongso for information and necessary action please. A copy of the approval is enclosed for future compliance.
3. The DGM (Fin), KHPS, NEEPCO, Umrongso for information and necessary action please.
4. The DGM (C), Vigilance, KHPS, NEEPCO, Umrongso for information please.

DGM (E/M), C&P
KHPS, NEEPCO Ltd., Umrongso.
28/03/2023

manager(C)/DGM(C) khandong HS for need full.

29/03/2023

May be send to C&P Coing for creation of P.O.

30-03-2023

Forwarded to the DGM(E/M)C&P for creation P.O. Plant code 1900 GL 4090303 Cost C. 1190001884

30/3

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

NO. KHPS/GM(C)/HSM/T-110/2022-23/ 853 DTD: 03/04/23

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Cost center - 1180001884
Profit center - 12000 18000

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-II/T-110/22-23/103 dtd 04/04/23	Sri Ramsing Ronghi	—	₹ 211.073.00

Enclosed:- As above.

Yours faithfully

04/04/2023

General Manager (Civil)
HSM, KHPS, Umrangso

SRI RAMSING RONGHI
Contractor & Supplier
Jorhat, Assam

BILL

Ref: No. Nil Dated : 31.03.2023

GSTIN No 18AUOPR4108G1ZD

To,

The General Manager(C),
HSM - II, KHEP, Umrangso.

Sub:- Submission of bill for " Engagement of unskilled labour for restoration work of Khandong Power Station , KHPS, (Group-C) . (From 01.09.2022 to 30.11.2022)

Order No.: NEEPCO/KHPS/C&P(C)/F-07/2022-23/ 6293 , dtd 28.03.2023

Sl No	Particulars of works	Unit	Quantity (In days)	Rate	Amount
1	Supply of unskilled labour (From 01.09.2022 to 30.11.2022)	Man days	318	500.00	159000.00
	Add 2.5 % for T&P				3975.00
	Add 10% for contractors profit				15900.00
	Total amount in Rs.				178875.00
	TOTAL (A)				178875.00
	Add CGST @ 9%				16098.75
	Add SGST @ 9%				16098.75
	Total (B)				32197.50

Total (A) + (B) = **211072.50**

Say, Rs. **211073.00**

In words : (Rupees Two lakh Eleven Thousand Zero hundred Seventy-three) only

Place: KHEP, Umrangso

(RAMSING RONGHI)

1) Bill amount verified for Rs 211073.00 (Rupees Two lakh Eleven Thousand Zero hundred Seventy-three) only including GST and found in order.

2) Period of Bill w.e.f 01.09.2022 to 30.11.2022

3) Bill recorded in bill register

4) Amount is chargeable to Khandong Power Station RR&M (0704) for the year 2022-23.

31/3

31.3.23

प्राजीत कुमार दास / P.K. Das
प्रबंधक (सी) / Manager (C)
एचपीएम / HPM
खेप, नीपको लि. उमरांगसो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉंग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

ISO: 9001 & 14001
OHSAS 18001

No: NEEPCO/KHPS/C&P (C)/F-07/2022-2023/ 6283 Date: 28/03/23

To,

Sri Khagendra Hojai,
Contractor/Supplier,
Umrongso, Dima Hasao, Assam.

Sub: Order for **"Engagement of unskilled labour for restoration work of Khandong Power Station, KHPS (Group-A) from 01.09.2022 to 31.01.2023".**

Dear Sir,

With reference to the above, the Corporation is pleased to confirm the order for Engagement of Un-skilled labours for restoration works of Khandong Power Station Building at KHPS from 01.09.2022 to 31.01.2023 KHPS, Umrongso, Dima Hasao, Assam as per the rates, terms & condition mentioned bellow:

Sl. No.	Description	Unit	Qnty of Days	Rate (INR)	Amount (INR)
1	Engagement of unskilled labours for restoration work of Khandong Power Station, KHPS (period of 01.09.2022 to 31.01.2023)	Man day	994.50	500.00	4,97,250.00
				Sub Total Rs.	**4,97,250.00**
				Add T&P charges@2.5%	12,431.25
				Add 10% Contractor's profit	49725.00
				G. Total	**5,59,406.00**
				(Rupees Five Lakh Fifty Nine Thousand Four Hundred Six) only excluding **GST.**	

Terms and conditions:

1. **Scope of work**: The essence of this contract is to removal & cleaning of slush, debries etc. from Khandong Stage-I Power House, KHPS, Umrongso from 01.09.2022 to 31.01.2023 or any other works assigned by Engineer in charge.
2. **Contract Price & Payment**: The total value of the contract is **Rs.5,59,406.00 (Rupees Five Lakh Fifty Nine Thousand Four Hundred Six)** only exclusive of GST as applicable.
3. **Bank Details/Taxes & Duties:** The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.
4. **Paying Authority:** The paying authority would be DGM (F), KHPS, NEEPCO Ltd., Umrongso.
5. **Engineer In-charge:** The Engineer In-charge would be GM (C) HSM-II, KHPS.

प्राप्ति सं / Receipt No. 1837
दिनांक / Dtd. 29/03/23
एचएसएम / HSM
खंप. नीपको लि., उमरॉंग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

Yours faithfully,

DGM (E/M), C&P
KHPS, NEEPCO Ltd., Umrongso.

Memo No: NEEPCO/KHPS/ C&P(C)/F-07 /2022-2023/ 6284-87 **Date:** 28/03/23

Copy to:

1. The HOP, KHPS for favour of kind information please. This has reference to his approval vide U.O. No. 5605, Dated: 28.03.2023.
2. The GM (C), HSM-II KHPS, Umrongso for information and necessary action please. A copy of the approval is enclosed for future compliance.
3. The DGM (Fin), KHPS, NEEPCO, Umrongso for information and necessary action please.
4. The DGM (C), Vigilance, KHPS, NEEPCO, Umrongso for information please.

Manager(C)/DGM(C) Khandong PS for need full.

29/03/2023

May be sent to C&P Wing for creation of P.O. 30-03-2023

30/3

DGM (E/M), C&P
KHPS, NEEPCO Ltd., Umrongso.
28/03/2023

Forwarded to the DGM (E/M) C&P for creation P.O. Plant code 1900 GL 4090303 cost centre. 1190001884

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

NO. KHPS/GM(C)/HSM/T-110/2022-23/ DTD:

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Cost center – 1180001884
Profit center – 12000 18000

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM/T-110/22-23/102 dtd 04/04/23	Khagendra Gogoi	—	₹660,100

Enclosed:- As above.

Yours faithfully

21/04/2023

General Manager (Civil)
HSM, KHPS, Umrangso

SRI KHAGENDRA HOJAI
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref: No. Nil Dated : 31.03.2023

GSTIN No 18AIPPH8617P2ZC

To,

The General Manager(C),
HSM - II, KHEP, Umrangso.

Sub:- Submission of bill for " Engagement of unskilled labour for restoration of Khandong Power Station , KHPS . (Group- A) (From 01.09.2022 to 31.01.2023)

Order No.: NEEPCO/KHPS/C&P(C)/F-07/2022-23/ 6283 , dtd 28.03.2023

Sl No	Particulars of works	Unit	Quantity (In days)	Rate	Amount
1	Engagement of unskilled labour for restoration work of Khandong Power Station, KHPS (From 01.09.2022 to 31.01.2023)	Man days	994.5	500.00	497250.00
	Add 2.5 % for T&P				12431.25
	Add 10% for contractors profit				49725.00
	Total amount in Rs.				559406.25
	TOTAL (A)				559406.00
	Add CGST @ 9%				50346.54
	Add SGST @ 9%				50346.54
	Total (B)				100693.08

Total (A) + (B) **660099.08**

Say, Rs. **660099.00**

In words : (Rupees Six lakh Sixty Thousand Zero hundred Ninety-nine) only

Place: KHEP, Umrangso

31/03/2023

(Khagendra Hojai)

1) Bill amount verified for Rs 660099.00 (Rupees Six lakh Sixty Thousand Zero hundred Ninety-nine) only including GST and found in order.

2) Period of Bill w.e.f 01.09.2022 to 31.01.2023

3) Bill recorded in bill register

4) Amount is chargeable to RR&M (0704) Khandong Power Station for the year 2022-23.

01/09/2023

31.3.23

नॉर्थ ईस्टर्नइलेक्ट्रिकपावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम)/(A GOVERNMENT OF INDIA ENTERPRISE)
सी एण्ड पी (वैं) स्कंध / CONTRACT & PROCUREMENT (EL.) WING
ISO 9001&14001
OHSAS 18001
कोपिली जल विद्युत संयत्र, उमरॉग्सो /KOPILI HYDRO POWER STATION , UMRANGSO

Azadi Ka Amrit Mahotsav

No. : NEEPCO/ KHPS/C&P /HSM/W- 217 /2023-24/ 651 **Dtd.** 03. 06.2023 .

To

GST No : AJLPJ0829Q3ZJ

Laxmi Electrical
Umrongso Bazar
Umrongso Dimahasao Dist ,Assam

Sub.: Order for Supply and delivery of one no 1.5 HP Open well Submersible water Pump to KHPS.
Ref..: 1. Your Quotation no: Nil Dtd. 24.05.2023.

Dear Sir(s),

With reference to the above, the Corporation is pleased to place this order with you for Supply and delivery of 1.5 HP Submersible water pump required for HSM of KHPS, NEEPCO Ltd. as per the items description ,quantity ,rate , Terms & Conditions stated below:-

S.N.	Item description	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
1	Crompton make 1.5 HP Open well Submersible Pump .	No.	01	18678.00	18678.00
2	Delivery pipe 32 mm	Roll	01	2200.00	2200.00
	Total :				20878.00

(Rupees twenty thousand eight hundred seventy eight) only inclusive of taxes.

Terms & Conditions:

1. **Prices**:- The Prices for supply and delivery of the items indicated in this order are FOR Umrongso and inclusive of all taxes .
2. **Payment terms**: 100% payment shall be made after receipt of the materials in full and good condition at site. For releasing the payment the supplier shall submit the bills in triplicate along with the delivery challan to the consignee.
3. **Delivery period**: The complete materials shall be delivered within one week from the date of this order.
4. **Paying authority**: DGM(F), KHPS, NEEPCO Ltd. Umrongso, Assam.
5. **Consignee**: The DGM (C), Central Store Division , NEEPCO Ltd, KHPS, Umrongso.

Thanking you

Sri Longmailai, M/s C.S Enterprise

Yours faithfully,

(C. P. Saikia)
DGM (E), C&P
KHPS: NEEPCO Ltd.:: Umrongso

Registered Office: Brook Land Compound, Lower New colony, Shillong- 793 003
Gram: NEEPCO, SHILLONG, Phone – (0364) 2227792, Fax- (0364) 2228520

It is requested to create a P.O.

OFFICE OF THE GENERAL MANAGER (CIVIL)
HYDRAULIC STRUCTURES MAINTENANCE
KOPILI HYDRO POWER STATION.
UMRONGSO: DIMA HASAO. ASSAM.

No:KHPS/HSM/GM(C)/F-110 /2023 /1053 Date: 02/08/23

To
The Dy. General Manager (F)
KHPS NEEPCO Ltd
Umrongso, Dima Hasao, Assam

Sub:- Submission of

Sir,

Enclosed please find herewith the following bills in duplicate along with enclosures mentioned below for your necessary action please.

Sl No	Div. Bill No. & Date	Name of party/Contractors	MB No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-II/F-110/23-24/1053 dtd 02/08/23	Laxmi Electricals	←	₹ 20878/-

Yours' faithfully,

GM (Civil), HSM

GST INVOICE

XMI ELECTRICAL

UMRONGSO TOWN
Dist. Dima Hasao (Assam)- 788931
GSTIN : 18AJLPJ0829Q3ZJ

Date : 09-06-2021 Invoice No. 76

Name : Deputy General Manager (E)
Address : KHPS, Neepco Ltd, Umrongso
GSTIN : 18AAAEN9991J2ZQ
PAN NO :

Sl. No.	DESCRIPTION OF GOODS	HSN Code	GST Rate	Qnty.	Rate	Amount
1	Crompton Make 1/2 HP open well submersible Pump			1 NO	18675/-	18,678.00
2	Delivery Pipe 32 mm			1 Roll.	2200/-	2,200.00
						20,878.00

(Rupees : Twenty Thousand Eight Hundred Seventy Eight only.

BANK DETAILS :
STATE BANK OF INDIA
A/C No. : 33708790295
IFSC : SBIN0004812

For, Laxmi Electrical
Umrongso Dima Hasao

CHA

LAXMI E
Umrangso Market, Um

CHALLAN NO- 102

To,

The Deputy General Manager,
Division, Neepco ltd.

Certified that,

* The Bill for an amount of Rs.20
(Rupees twenty thousand eight hundred
eight) only has been verified and found to be
order.

* The amount is against purchase of
1(One) No. 1'5 HP Open Well Submersible Pump
along with 1(One) Roll 32 mm dia Delevery Pipe

* Challan No.- 102 Dt. 09.06.2023.

* Gate Entry No.- 1900000020 against P.O.
No.- 3600002690.

* Asset C.D. - 101801000636.

* Material Document No.- 5000022713.

07-08-2023

यू. बोरा / U.Boran
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरांगसो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

बी. बोरकाकती/B. Borkakaty
उप प्रबंधक(सी)/Dy.Manager (C)
एचएसएम/HSM-II
केएचपीएस, नीपको, उमरांगसो (असम)
KHPS, NEEPCO, Umrongso (Assam)

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमि
NORTH EASTERN ELECTRIC POWER CORPORATIO
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI00165
ISO: 9001 & 14001
OHSAS 18001
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C
कोपिली जल विद्युत संयत्र, उमरॉग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

No: NEEPCO/KHPS/ C&P(C)/F-07 /2022-23/ 1267 Date: 05/7/22.

To,

Mr. Kumar Sunar,
Supplier, Umrongso,
Dima Hasao, Assam.

Sub: Order for **"Supply of Tractor mounted with drilling equipment, compressor including drilling in rock/boulder, breaking of boulder in cleaning of debris of Khandong Power Station, KHPS, (for the period from 21.04.2022 to 20.05.2022)".**

Dear Sir,

The Corporation is pleased to place this order for Supply of Tractor mounted with drilling equipment, compressor including drilling in rock/boulder, breaking of boulder in cleaning of debris of Khandong Power Station, Umrongso as per the Rates and Terms & conditions laid down below:

Sl. No.	Particulars	Unit	Qnty.	Rate in Rs.	Amount in Rs.
	Supply of Tractor mounted with drilling equipment, compressor including drilling in rock/boulder, breaking of boulder as directed complete. (From 21.04.2022 to 20.05.2022)	month	1	85000.00	85,000.00
				Total	85,000.00
				Rupees Eighty Five Thousand only excluding GST	

Terms and Conditions:

1. **Price:** The total value of the above Supply is **Rs.85,000.00 (Rupees Eighty Five Thousand)** only excluding **GST.**
2. **No of Working Hours:** To be considered as below:

Sl. No	Working Hours	Consideration for Payment
1	Machine worked for 8 hrs. in a particular day	To be considered as Full Day of 8 hrs
2	Machine worked for more than 8 hrs. in a particular day	To be considered as Full day plus extra working hours on pro rata of per day rate
3	Machine worked for less than 8 hrs. in a particular day and balance hours idle for site restrictions without any fault of contractor	To be considered as Full Day of 8 hrs
4	Machine worked for less than 8 hrs. in a particular day and balance hour idle for breakdown of machineries	To be considered on pro rata of per day rate
5	Working hours plus idle hours (idle for site restriction without any fault of contractor) less than 8 hrs	To be considered on pro rata of per day rate
6	Full day idle for breakdown of machineries	Not to be considered for payment

3. **Taxes & Duties/Bank details:** Total Price mentioned above is exclusive of GST and all other applicable Taxes.

4. **Payment Terms:** 100% Payment shall be paid at actual subject to submission of bill to the executing authority.

Pb- 3700004786

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

NO. KHPS/GM(C)/HSM/T-110/2022-23/844 DTD: 30/03/23

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Cost center – 1180001884
Profit center – 1200018000

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-II/T-110/22-23/07 dtd 29/03/23	Kamar Sunar	—	₹ 100,300.00

Enclosed:- As above.

Yours faithfully

30/3

General Manager (Civil)
HSM, KHPS, Umrangso

KUMAR SU... / ...tractor
Supplier, U...
Dima Hasa...

Customer Name : KHEP, NEE...
CustomerGSTIN : 18AACN9...

Sl. No	SAC Code	
		Supply of T... compressor breaking of Khandong P...

1. Bill amount verified for Rs. 1,00,300.00 (Rupees one thousand three hundred) only. Including GST and found in ord...

2. Period of Bill w.e.f 21-04-2022 to 20-05-2022

3. Bill recorded in bill register.

4. Amount is chargeable RR&M of Khandong Power station (0704) for the year 2022-2023

20.2.23

प्राजीत कुमार दास / P.K. Das
प्रबंधक / Manager (C)
के.ए.प.ि. / K.H.E.P. (असम) / Assam
KHEP, NEEPCO...

यू. बोरा / U.Bora
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचईपीएस, नीपको लि., उमरॉंग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
ISO: 9001 & 14001
OHSAS 18001
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉंग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

No: NEEPCO/KHPS/C&P (C)/F-07/2023-2024/ 891 Date: 23/06/23

To,

Sri V S Manga Changsan,
Contractor/Supplier,
Umrongso, Dima Hasao, Assam.

Sub: Order for "**Engagement of unskilled labour for cleaning of Spiral case and Draft Tube Liner** of Khandong **Power Station Stage-I, KHPS (For 30days Period from 19.05.2023 to 18.06.2023).**

Dear Sir,

With reference to the above, the Corporation is pleased to confirm the order for Engagement of unskilled labour for cleaning of Spiral case and Draft Tube Liner of Khandong Power Station Stage-I, KHPS (For 30days Period from 19.05.2023 to 18.06.2023) as per the rates, terms & condition mentioned bellow:

Sl. No.	Description	Unit	Qntty	Rate (INR)	Amount (INR)
1	Engagement of unskilled labour for cleaning of Spiral case and Draft Tube Liner of Khandong Power Station Stage-I, KHPS (For 30days Period from 19.05.2023 to 18.06.2023).	Man days	300.00	500.00	1,50,000.00
				Add 2.5% for T&P on (1)	3750.00
				Add 10% Contractor's profit on (1)	15000.00
				Grand Total Rs.	**1,68,750.00**
	(Rupees One Lakh Sixty Eight Thousand Seven Hundred Fifty) only excluding GST.				

Terms and conditions:

1. **Scope of work:** The essence of this contract is Engagement of unskilled labour for cleaning of Spiral case and Draft Tube Liner of Khandong Power Station Stage-I, KHPS (For 30 days Period from 19.05.2023 to 18.06.2023) or any other works assigned by Engineer in charge.
2. **Contract Price & Payment:** The total value of the contract is **Rs.1,68,750.00 (Rupees One Lakh Sixty Eight Thousand Seven Hundred Fifty)** only exclusive of GST as applicable.
3. **Bank Details/Taxes & Duties:** The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.
4. **Paying Authority:** The paying authority would be DGM (F), KHPS, NEEPCO Ltd., Umrongso.
5. The contractor shall be responsible for adopting all safety measures as relevant to the work and shall comply with all statutory requirements as applicable.
6. **Engineer In-charge:** The Engineer In-charge would be GM (C) HSM-II, KHPS.

प्राप्ति सं / Receipt No. 2076
दिनांक / Std. 24/06/23
एचएसएम / HSM
KHEP, NEEPCO Ltd. Umrongso, Assam

Yours faithfully,

DGM (E/M), C&P
KHPS, NEEPCO Ltd., Umrongso.

Memo No: NEEPCO/KHPS/ C&P(C)/F-07 /2023-2024/ 892-95 **Date:** 23/06/23

Copy to:

1. The HOP, KHPS for favour of kind information please. This has reference approval of HOP vide FLM-Note sheet/CW/HSM-I/KH002/25/KHEP/19.05.2023 Date:22.06.2023.
2. The GM (C), HSM-II, KHPS, Umrongso for information and necessary action please.
3. The DGM (Fin), KHPS, NEEPCO, Umrongso for information and necessary action please.
4. The DGM (C), Vigilance, KHPS, NEEPCO, Umrongso for information please.

Forwarded To the DGM(E/M)C&P with a request to create the PO. With Plant code as 1800.

DGM (E/M), C&P
KHPS, NEEPCO Ltd., Umrongso.

23/06/2023

Manager(C), Khandong Pg
DM(C)
26/06/2023

DGM(E/M), C&P pl.
Dy. Mgr (C), C&P, Khandong PH 14/07/2023

15/07/2023

OFFICE OF THE GENERAL MANAGER (CIVIL)
HYDRAULIC STRUCTURES MAINTENANCE
KOPILI HYDRO POWER STATION.
UMRONGSO: DIMA HASAO. ASSAM.

No:KHPS/HSM/GM(C)/T-110 /2023 /1039 Date: 27/07/23

To
The Dy. General Manager (F)
KHPS NEEPCO Ltd
Umrongso, Dima Hasao, Assam

Sub:- Submission of Bill for Supply of unskilled Labour

Sir,

Enclosed please find herewith the following bills in duplicate along with enclosures mentioned below for your necessary action please.

Sl No	Div. Bill No. & Date	Name of party/Contractors	MB No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-II/T-110/23-24/137 dtd 27/07/23	V.S, Manga Changsan	—	₹ 199126/-

Yours' faithfully,

27.7.23

SRI V S MANGA CHANGSAN
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref: No. Nil Dated :

GSTIN No 18AHGPC3592G2ZC

To,

The General Manager(C),
HSM - I, KHEP, Umrangso.

Sub:- Submission of bill for " Engagementof unskilled labour for cleaning of Spiral caseand Draft Tube liner of Khandong Power Station Stage- I, KHPS (For 30 days period from 19.05.2023 to 18.06.2023)

Order No.: NEEPCO/KHPS/C&P(C)/F-07/2023-24/ 891 , dtd 23.06.2023.

Sl No	Particulars of works	Unit	Qnty.	Rate (INR)	Amount (INR)
1	Engagement of unskilled labour for cleaning of spiral case and Draft tube liner of Khandong Power Station stage-I, (for 30 days, period from 19.05.2023 to 18.06.2023)	Man days	300.00	500.00	150000.00
	Add 2.5 % for T&P				3750.00
	Add 10% for contractors profit				15000.00
	Total amount in Rs.				168750.00
	TOTAL (A)				168750.00
	Add CGST @ 9%				15187.50
	Add SGST @ 9%				15187.50
	Total (B)				30375.00

Total (A) + (B) = **199125.00**

Say, Rs. **199125.00**

In words : (Rupees One lakh Ninety-nine Thousand One hundred Twenty-five) only

Place: KHEP, Umrangso

V. S. Manga.
(V S Manga Changsan)

of Contractor:
ress:

Customer Name
CustomerGSTIN

KHE
18

Certified that,

* The Bill for an amount of Rs. 1,68,750·00 (Rupee one lakh sixty eight thousand seven hundred fifty) only plus GST @ 18%. has been verified and found to be in order.
* Period of this Bill is w.e.f. 19.05.2023 to 18.06.23.
* Bill recorded in Bill Register.
* Chargeable Head: Restoration, Renovation & Modernization of Khandong Power Station, KHPS for the year 2023-2024.
* S.E.S.No. - 1000027546.

26-07-2023

वी. बोरकाकती/B. Borkakaty
उप प्रबंधक(सी)/Dy.Manager (C)
एचएसएम/HSM-II
केएचपीएस, नीपको, उमरांग्सो (असम)
KHPS, NEEPCO, Umrongso (Assam)

27/7

यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरांग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

NEEPCO

OFFICE OF THE GENERAL MANAGER (CIVIL)
HYDRAULIC STRUCTURES MAINTENANCE
KOPILI HYDRO POWER STATION
UMRONGSO : DIMA HASAO . ASSAM

No: KHPS/GM (C)/HSM/ P-110 /2023-24/ 1131 Date 29/9/23

To
The Dy. General Manager (F)
KHPS NEEPCO Ltd
Umrongso, Dima Hasao, Assam.

Sub :- Submission of 3rd RA & Final Bill

Sir,

Enclosed please find herewith the following bills in duplicate along with enclosures Mentioned below for your necessary action please

SL No	Div. Bill No. & Date	Name of party/ contractors	MB No	Amount
1.	KHPS/GM(C)/HSM-II/ 2023-24/157 Dt.27/9/2023	APS Hydro Pvt. Ltd.	10231 10237 10233 10232 10239 10238 10236 10235 10240 10234 10 Nos.	1,00,75,960-00

Encl. As stated above.

Yours` faithfully

28/9

GM (civil) HSM-II
KHPS. UMRONGSO

O/C

North Eastern Electric Power Corporation Limited

SERVICE ENTRY SHEET

Service Entry Sheet No.	: 1000030305	**Service Entry Date**	: Sep 27, 2023
Entry Made by	: 5212 (BHUPEN BORKAKATI)		
Plant	: 1900-KHANDONG STAGE I - CAPEXKHANDONG STAGE I - CAPEX		
Vendor Name	: 500059-APS HYDRO PVT LTD		
Vendor Address	: PLOT NO.10/58, FIRST FLOOR , NEW DELHI , DELHI		
PO/WO Number	: 3700004847		
PO/WO Item No. & Desc.:	10 - SERVICE 0010		
PO/WO Subject	:		
PO Validity Start Date	: Nov 7, 2022	PO Validity End Date	: Jan 6, 2023
Service Header Text	: CIVIL WORKS..HRT KHANDONG PS	Doc.Text	:
Project	: RM-192216 - CIVIL WORKS PERTAINING TO RESTORATION		
WBS Element	: RM-192216 - CIVIL WORKS PERTAINING TO RESTORATION		
Network	: 6000577 - CIVIL WORKS PERTAINING TO RESTORATION/ R		

S.No	Service No.	Description	Quantity	UOM	Unit Price (INR)	OH Charge %	Amount(INR)
1	10000366	**Dewatering of Surface Construction Sites ( )**	0.001	KWH	73.90		0.07
2	10001585	**Dewatering of Underground Sites ( )**	0.001	KWH	73.90		0.07
3	10001606	**2nd stage RCC in Saddle Supports M25 ( )**	3.142	M3	14,779.62		46,437.57
4	10001612	**Reinforcement in Saddle Supports ( )**	0.001	MT	36,949.04		36.95
5	10001617	**Non-shrink grout ( )**	820.000	KG	78.52		64,386.40
6	10001700	**Installation of injection system ( )**	2,042.000	NO	461.86		943,118.12
7	10001702	**Epoxy repair mortar ( )**	991.500	KG	1,570.33		1,556,982.20
8	10001703	**Application of Epoxy Grout ( )**	612.000	KG	1,108.47		678,383.64
9	10001601	**PCC in HRT M20 ( )**	6.918	M3	18,474.52		127,806.73
						Total :INR	3,417,151.75
						Net Value Incl. Tax (Tax Code :N6-Input IGST (18%) Non-Deductible):INR	4,032,239.75

Remarks : Name of work: Civil works pertaining to restoration/reparing of HRT under Khandong WCS, KHPS/ Name of Contractor: APS Hydro Pvt. Ltd.

27-09-2023

Seal & Signature

बी. बोरकाकती/B. Borkakaty
उप प्रबंधक(सी)/Dy.Manager (C)
एचएसएम/HSM-II
केएचपीएस, नीपको, उमरांग्सो (असम)
KHPS, NEEPCO, Umrongso (Assam)

यू. बोरा / U.Borah 27/9
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरांग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

AUDIT SLIP

1	Name of the contractor	APS Hydro Pvt. Ltd.
2	Brief description of work	Civil works pertaining to Restoration/ Repairing of HRT under Khandong Water Conductor System, KHPS, Dima-Hasao, Assam
3	Work Order No & Date	NEEPCO/KHPS/C&P (C)/F-05/2022-23/4318 dtd. 07.11.2023
4	Agreement No & Date	NEEPCO/KHPS/C&P (C)/F-06/2022-2023/165 dtd. 02.02.2023
5	Nature of work wheather temporary or permanent	Permanent
6	Ownership of work	NEEPCO, Umrongso
7	Bill No & Date	3rd RA and Final Bill
8	Period of work covered by the bill	07.11.2022 to 23.03.2023
9	Date of completion of work as per agreement	6th January - 2023
10	Actual date of completion	23.03.2023
11	a) Period for which extension is applied	Yes
	b) Period for which extension is granted,	Final Extention of Time granted up to 23.03.2023
12	if so with or without liquidated damage	Without liquidated damage.
13	Whether transit passed/F.R.C.C./cash memo submitted	Submitted and enclosed here with.
14	Whether there is any escalation clause	N/A
15	Whether there is any outstanding liabilities against the work	No
16	Whether site has been cleared after completion of work	Yes
17	Whether utilization statement submitted	Yes
18	Whether bill has been Technically checked	Yes
19	Whether Recovery statement submitted	NA
20	Whether any special reference	Total 10 Nos. MB. No.10231, 10237, 10233, 10232, 10239, 10238, 10236, 10235, 10240 & 10234 (Abstract)
21	Percentage of Test Check by.....	
	1) Manager (C)/Dy. Manager (C)----	100%
	2) Engineer In-charge ----------	5%

28/9

Engineer In-charge
HSM-II, KHPS, NEEPCO, Umrongso

25-09-2023

Deputy Manager (C)
HSM-II, KHPS, NEEPCO, Umrongso

NEEPCO Shedule II - Work 10 (A)

North Eastern Electric Power Corporation Ltd.

RUNNING ACCOUNT BILL C

For Contractors and Suppliers. This form provides only for Payments for works or supplies actually measured

Cash Book Voucher No. **Date:-**

Name of Contractor or Supplier : APS Hydro Pvt. Ltd.

Name of works- Civil works pertaining to Restoration/ Repairing of HRT under Khandong Water Conductor System, KHPS, Dima-Hasao, Assam

Purpose of Supply-

Serial No. of this Bill Work- 3rd RA & Final Bill

No. and Date of his last Bill for this work- 2nd RA dtd. 30.03.2023

Agrement No. - NEEPCO/KHPS/C&P (C)/F-06/2022-2023/165 dtd. 02/02/2023

Work Order No. - NEEPCO/KHPS/C&P (C)/F-05/2022-23/4318 dtd. 07.11.2023

Date of handing over of site : 03.12.2023

Date of completion of work- 23.03.2023.

Unit	Quantity executed (Or supplied up to date as per measurement book)	Item of work or supplies (Grouped" under subheads" and "sub-work" of estimate)	Rate	Amount		Remarks
				Up to date	*Since previous bill (Total for each sub-head)	
1	2	3	4	6	5	7
KW, Hr	0.00	**Item No.1**.1Dewatering of Surface/ Underground Construction ..... and as directed by the Engineer-in-Charge **Item no. 1.1.1** : Dewatering of Surface Construction Sites ..... and removal of pumping equipments from site	73.90	**0.00**	0.00	
KW, Hr	0.00	**Item no. 1.1.2** :Dewatering of Underground Construction Sites ..... removal of pumping equipments from site	73.90	**0.00**	0.00	
CUM	8.142	**Item No. 2.1** : 2nd Stage Reinforced Cement Concrete in Saddle Supports: Reinforced cement concrete .....RCC M25 using concrete mixer.	14779.62	**120335.67**	73898.10	
MT	0.00	**Item No.3.1**: Supplying, fitting and placing TMT.....TMT-IS 1786 (Fe500D)	36949.04	**0.00**	0.00	
KG	2820.00	**Item No. 4.1**: Non- Shrink Grouting : Providing & injecting approved grout.....	78.52	**221426.40**	157040.00	
No	2573	**Item No. 5.1**: Installation of injecting system for epoxy grout.....	461.86	**1188365.78**	245247.66	
RM	588.80	**Item No.5.2**: Cutting both sides of construction joints in V Groove.....	554.24	**326336.51**	326336.51	
Kg	1523	**Item No. 5.3**: Placing of high grade dual shrinkage compensated epoxy mortar.....	1570.33	**2390827.425**	833845.23	
			Total Rs.	**42,47,291.78**	**1636367.50**	

* The full name of the work as given in the estimate should be entered here except in the case of bills for stock materials.
* The purpose of supply "applicable to the cash should be filled in and the rest scored out."
* If the outlay on the work is recorded by sub-heads, the total for each sub-heads should be shown in column 5 and against this total here should be an entry in column 6 also. In no other case should any entries be made in column 6.

Unit	Quantity executed (Or supplied up to date as per measurement book)	Item of work or supplies (Grouped" under subheads" and "sub-work" of estimate)	Rate	Amount		Remarks
				Up to date	*Since previous bill (Total for each sub-head)	
1	2	3	4	6	5	7
			Rs	Rs P	Rs P	
			B/F Rs.	**42,47,291.78**	**1636367.50**	
Kg	1143.00	**Item No. 5.4:** Application of epoxy grout: application of low viscous, high swelling.....	1108.47	**12,66,981.21**	**5,88,597.57**	
CUM	23.718	**Item No. 5.5**: Reinforced cement concrete in HRT: Plain cement concrete .....as PCC Grade M20	18474.52	**4,38,178.67**	**310371.94**	
Sqm	22.66	**Item No. 5.6**: 15 mm thick cement plaster .....1:3 (1cement : 3 Sand)	1385.59	**31,397.47**	**31397.47**	
Sqm	50.30	**Item No. 6.1**: Chipping and breaking/ cutting of lose concrete.....	184.75	**9,292.93**	**9292.93**	
Sqm	5936.96	**Item No.6.2**: Before laying of the Micro concrete, the substrate shall be coated with a bonding agent.....	1062.18	**63,06,120.17**	**6306120.17**	
Kg	131650.00	**Item No. 6.3**: Supply, transportation and application of Hydraulic abrassion resistance mortar.....	247.34	**3,25,62,311.00**	**32562311.00**	
Cum	13.665	**Item No.6.4**: Supply, transportation of aggregate of size 10 mm down and mixing.....	5542.36	**75,736.35**	**75736.35**	
No	18	**Item No.7.1**: Supply and fixing of SS NRV of various dia....	924.10	**16633.80**	**16633.80**	
			B/F Rs.	**4,49,53,943.38**	**41536828.00**	

Unit	Quantity executed (Or supplied up to date as per measurement book)	Item of work or supplies (Grouped" under subheads" and "sub-work" of estimate)	Rate	Amount		Remarks
				Up to date	*Since previous bill (Total for each sub-head)	
1	2	3	4	5	6	7
			Rs	Rs P	Rs P	
			B/F Rs.	**44953943.38**	**41536828.00**	
		Total value of work done or supplies to date [A]		**44953943.00**	**41536828.00**	
		CGST @ 9% [B]		4045854.87	3738314.52	
		SGST @ 9% [C]		4045854.87	3738314.52	
		Total amount [A]+[B]+[C]		**53045653.00**	**49013457.00**	
		Deduct- Value of work shown on 2nd RA Bill (20%)			6043763.77	
		Deduct- value of work or supplies shown on previous bill			**42969693.23**	
		Net value of work or supplies since previous bill		**1,00,75,959.77**		
		Gross amount		**1,00,75,960.00**		
		Say,		**1,00,75,960.00**		

Figure (F) in words:- (Rupees One Crore seventy five thousand nine hundred sixty) only

II- Certificates and signature

The measurement were made by .....**different officers**.....on .....***as mentioned***.....and are recorded at Page No. ***1 to 13 of MB No. 10231, 1 to 12 of MB No. 10232, 1 to 18 of MB No. 10233, 1 to 54 of MB No. 10235, 1 to 9 of MB No. 10237, 1 to 37 of MB No. 10239, 1 to 9 of MB No. 10236, 1 to 39 of MB No. 10238 & 1 to 28 of MB No. 10240***.

No advanvce payment has been made previously without detailed measurements.

28/9

यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरॉंगसो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

27-09-2023

बी. बोरकाकती/B. Borkakaty
उप प्रबंधक(सी)/Dy.Manager (C)
एचएसएम/HSM-II
केएचपीएस, नीपको लि., उमरॉंगसो (असम)
KHPS, NEEPCO, Umrongso (Assam)

Dated Signature of Officer Preparing payment

Rank

.....Sub-division

.....Division

27.09.23

Authorised Signatory

Thumb Impression or
Dated Signature of Contractor

*Dated Signature of Officer

.....

Rank .....

This signature is necessary only when the officer preparing the bill is not the officer who authorise the payment.In such case two signature are essential.

प्रति सं / Receipt No. 2117
दिनांक / Dtd. 04/07/23
एचएसएम / HSM
खेप, नीपको लि., उमरांगसो
KHEP, NEEPCO Ltd., Umrangso, Assam

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(भारत सरकार का उद्यम) (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
सी एण्ड पी (सी) स्कंध CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO POWER STATION, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

ISO: 9001 & 14001
OHSAS 18001

No: NEEPCO/KHPS/ C&P(C)/F-07 /2023-24/ 976 Date: 06/07/23,

प्राप्ति सं / Receipt No. 369
दिनांक / Dtd. 11/7/23
सी एण्ड पी / C&P
खेप, नीपको लि., उमरॉग्सो (असम)
HOP, KHEP, NEEPCO, Umrangso (Assam)

To,

Sri Khagendra Hojai,
Supplier, Umrongso,
Dima Hasao, Assam.

Sub: Order for "Supply & deployment of 02 (Two) number Tractors for restoration work of Khandong Power House, KHPS, Umrongso (Group-C) (Period from 01/01/2023 to 03/04/2023)".

Dear Sir,

The Corporation is pleased to place this order for Supply & deployment of 02 (Two) number Tractors for restoration work of Khandong Power House, KHPS, Umrongso, Umrongso as per the Rates and Terms & conditions laid down below:

अ.प्र.स. / U.O. No. 1655
दिनांक / Dtd. 11/07/23
एचएसएम / HSM
खेप, नीपको लि., उमरांगसो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

Sl. No.	Particulars	Unit	Qnty. Of vehicle	Quantity (days)	Rate in Rs.	Amount in Rs.
1	Clearance of sludge, debris from Tail Pool and Tail Race Tunnel of Khandong Power Station, KHPS, Dima Hasao, Assam by engaging 1 (One) No. Tractor (Period from 01/01/2023 to 03/04/2023)	Day	1 (One)	89.750	1900.00	1,70,525.00
2	Clearance of sludge, debris from Tail Pool and Tail Race Tunnel of Khandong Power Station, KHPS, Dima Hasao, Assam by engaging 1 (One) No. Tractor (Period from 01/01/2023 to 03/04/2023)	Day	1 (One)	70.270	1900.00	1,33,513.00
					Grand Total	**3,04,038.00**
					(Rupees Three Lakh Four Thousand Thirty Eight) only.	

Terms and Conditions:

1. **Price:** The total value of the above Supply is **Rs. 3,04,038.00 (Rupees Three Lakh Four Thousand Thirty Eight)** only excluding **GST.**
2. **No of Working Hours:** To be considered as below:

Sl. No	Working Hours	Consideration for Payment
1	Machine worked for 8 hrs. in a particular day	To be considered as Full Day of 8 hrs
2	Machine worked for more than 8 hrs. in a particular day	To be considered as Full day plus extra working hours on pro rata of per day rate
3	Machine worked for less than 8 hrs. in a particular day and balance hours idle for site restrictions without any fault of contractor	To be considered as Full Day of 8 hrs
4	Machine worked for less than 8 hrs. in a particular day and balance hour idle for breakdown of machineries	To be considered on pro rata of per day rate
5	Working hours plus idle hours (idle for site restriction without any fault of contractor) less than 8 hrs	To be considered on pro rata of per day rate
6	Full day idle for breakdown of machineries	Not to be considered for payment

All the four Orders need to be created in ERP system against R&M works of Khandong Stage-I. (Plant 1900) Pls
DGM(E/M). C&P pl. - PO-3700006111 created 13/09/23 11/7

प्राप्ति सं / Receipt No. 2114
दिनांक / Dtd 14/07/23
एचएसएम / HSM
KHEP, NEEPCO Ltd. Umrangso, Assam

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
ISO: 9001 & 14001
OHSAS 18001
सी एण्ड पी (सी) स्कंध CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉंग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO POWER STATION, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

No: NEEPCO/KHPS/ C&P(C)/F-07 /2023-24/ 986 Date: 06/07/23.

To,

Sri Birensing Engti,
Supplier, Umrongso,
Dima Hasao, Assam.

Sub: Order for "Supply & deployment of 01 (One) number Tractor for restoration work of Khandong Power House, KHPS, Umrongso (Group-B) (Period from 01/01/2023 to 03/04/2023)".

Dear Sir,

The Corporation is pleased to place this order for Supply & deployment of 01 (One) number Tractor for restoration work of Khandong Power House, KHPS, Umrongso, Umrongso as per the Rates and Terms & conditions laid down below:

Sl. No.	Particulars	Unit	Qnty. Of vehicle	Quantity (days)	Rate in Rs.	Amount in Rs.
1	Clearance of sludge, debris from Tail Pool and Tail Race Tunnel of Khandong Power Station, KHPS, Dima Hasao, Assam by engaging 1 (One) No. Tractor (Period from 01/01/2023 to 03/04/2023)	Day	1 (One)	86.875	1900.00	165062.50
					Grand Total	**1,65,062.50**
					Say	**1,65,063.00**
					(Rupees One Lakh Sixty Five Thousand Sixty Three) only.	

Terms and Conditions:

1. **Price:** The total value of the above Supply is **Rs. 1,65,063.00 (Rupees One Lakh Sixty Five Thousand Sixty Three)** only excluding GST.
2. **No of Working Hours:** To be considered as below:

Sl. No	Working Hours	Consideration for Payment
1	Machine worked for 8 hrs. in a particular day	To be considered as Full Day of 8 hrs
2	Machine worked for more than 8 hrs. in a particular day	To be considered as Full day plus extra working hours on pro rata of per day rate
3	Machine worked for less than 8 hrs. in a particular day and balance hours idle for site restrictions without any fault of contractor	To be considered as Full Day of 8 hrs
4	Machine worked for less than 8 hrs. in a particular day and balance hour idle for breakdown of machineries	To be considered on pro rata of per day rate
5	Working hours plus idle hours (idle for site restriction without any fault of contractor) less than 8 hrs	To be considered on pro rata of per day rate
6	Full day idle for breakdown of machineries	Not to be considered for payment

3. **Taxes & Duties/Bank details:** The contract price as indicated is exclusive of GST@18%. The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.

PO-3700001116 created 14/07/23

प्राप्ति सं / Receipt No. 2115
दिनांक / Dtd. 14/07/23

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
ISO: 9001 & 14001
OHSAS 18001
सी एण्ड पी (सी) स्कंध CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉंग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO POWER STATION, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

No: NEEPCO/KHPS/ C&P(C)/F-07 /2023-24/ 991 Date: 06/07/23.

To,

Sri Sunny Hojai,
Supplier, Umrongso,
Dima Hasao, Assam.

Sub: Order for "Supply & deployment of 1(one) no Excavator cum Loader (JCB), for restoration work of Khandong Power Station, KHPS, Umrongso (Period from 01/01/2023 to 03/04/2023) Group-A".

Dear Sir,

The Corporation is pleased to place this order for Supply & deployment of 1(one) no Excavator cum Loader (JCB) for restoration work of Khandong Power House, KHPS, Umrongso as per the Rates and Terms & conditions laid down below:

Sl. No.	Particulars	Unit	Qnty. Of vehicle	Quantity (days)	Rate in Rs.	Amount in Rs.
1	Clearance of sludge, debris from Tail Pool and Tail Race Tunnel of Khandong Power Station, KHPS, Dima Hasao, Assam by engaging 1 (One) No. Exacavtor cum Loader (JCB) (Period from 01/01/2023 to 03/04/2023)	Day	1	90.125	6000.00	5,40,750.00
					Grand Total	**5,40,750.00**
					(Rupees Five Lakh Forty Thousand Seven Hundred Fifty) only excluding **GST**	

Terms and Conditions:

1. **Price:** The total value of the above Supply is **Rs.5,40,750.00 (Rupees Five Lakh Forty Thousand Seven Hundred Fifty)** only excluding **GST.**
2. **No of Working Hours:** To be considered as below:

Sl. No	Working Hours	Consideration for Payment
1	Machine worked for 8 hrs. in a particular day	To be considered as Full Day of 8 hrs
2	Machine worked for more than 8 hrs. in a particular day	To be considered as Full day plus extra working hours on pro rata of per day rate
3	Machine worked for less than 8 hrs. in a particular day and balance hours idle for site restrictions without any fault of contractor	To be considered as Full Day of 8 hrs
4	Machine worked for less than 8 hrs. in a particular day and balance hour idle for breakdown of machineries	To be considered on pro rata of per day rate
5	Working hours plus idle hours (idle for site restriction without any fault of contractor) less than 8 hrs	To be considered on pro rata of per day rate
6	Full day idle for breakdown of machineries	Not to be considered for payment

3. **Taxes & Duties/Bank details:** The contract price as indicated is exclusive of GST@18%. The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.
4. **Payment Terms:** 100% Payment shall be paid at actual subject to submission of bill to the executing authority.

PO-3700006112 created
DGM(C/M) i/c C&P
13/07/2023

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉंग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO POWER STATION, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

ISO: 9001 & 14001
OHSAS 18001

No: NEEPCO/KHPS/ C&P(C)/F-07 /2023-24/ 981 Date: 06/07/23.

To,

Sri Markose Teron,
Supplier, Umrongso,
Dima Hasao, Assam.

Sub: Order for "Supply & deployment of 01 (One) number Tractor for restoration work of Khandong Power House, KHPS, Umrongso (Group-D) (Period from 23/12/2022 to 03/04/2023)".

Dear Sir,

The Corporation is pleased to place this order for Supply & deployment of 01 (One) number Tractor for restoration work of Khandong Power House, KHPS, Umrongso, Umrongso as per the Rates and Terms & conditions laid down below:

Sl. No.	Particulars	Unit	Qnty. Of vehicle	Quantity (days)	Rate in Rs.	Amount in Rs.
1	Clearance of sludge, debris from Tail Pool and Tail Race Tunnel of Khandong Power Station, KHPS, Dima Hasao, Assam by engaging 1 (One) No. Tractor (Period from 23/12/2022 to 03/04/2023)	Day	1 (One)	97.000	1900.00	1,84,300.00
					Grand Total	**1,84,300.00**
					(Rupees One Lakh Eighty Four Thousand Three Hundred) only.	

Terms and Conditions:

1. **Price:** The total value of the above Supply is **Rs. 1,84,300.00 (Rupees One Lakh Eighty Four Thousand Three Hundred)** only excluding **GST.**
2. **No of Working Hours:** To be considered as below:

Sl. No	Working Hours	Consideration for Payment
1	Machine worked for 8 hrs. in a particular day	To be considered as Full Day of 8 hrs
2	Machine worked for more than 8 hrs. in a particular day	To be considered as Full day plus extra working hours on pro rata of per day rate
3	Machine worked for less than 8 hrs. in a particular day and balance hours idle for site restrictions without any fault of contractor	To be considered as Full Day of 8 hrs
4	Machine worked for less than 8 hrs. in a particular day and balance hour idle for breakdown of machineries	To be considered on pro rata of per day rate
5	Working hours plus idle hours (idle for site restriction without any fault of contractor) less than 8 hrs	To be considered on pro rata of per day rate
6	Full day idle for breakdown of machineries	Not to be considered for payment

3. **Taxes & Duties/Bank details:** The contract price as indicated is exclusive of GST@18%. The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.
4. **Payment Terms:** 100% Payment shall be paid at actual subject to submission of bill to the executing authority.

PO- 3700006115 Created
14/07/2023

T-110

OFFICE OF THE GENERAL MANAGER (CIVIL)
HYDRAULIC STRUCTURES MAINTENANCE
KOPILI HYDRO POWER STATION.
UMRONGSO: DIMA HASAO. ASSAM.

No:KHPS/HSM/GM(C)/T-110 /2023 / 1018 Date: 16/07/23

To
The Dy. General Manager (F)
KHPS NEEPCO Ltd
Umrongso, Dima Hasao, Assam

Sub:- Submission of Supply Bill

Sir,

Enclosed please find herewith the following bills in duplicate along with enclosures mentioned below for your necessary action please.

Sl No	Div. Bill No. & Date	Name of party/Contractors	MB No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-II/T-110/23-24/127 dtd 15/07/23	Khagendra Nepai	—	₹ 358764/-
2/	KHPS/GM(C)/HSM-II/T-110/23-24/128 dtd 15/07/23	Birendra Engti	—	₹ 194774
3/	KHPS/GM(C)/HSM-II/T-110/23-24/129 dtd 15/07/23	Sunny Nepai	—	₹ 638086
4/	KHPS/GM(C)/HSM-II/T-110/23-24/130 dtd 15/07/23	Markose Peron	—	₹ 217474

Yours' faithfully,

15/7/2023
GM (Civil), HSM

SRI SUNNY HOJAI
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref: N_Nil Dated : 14.07.2023

GSTIN No 18ADYPH7598D2ZP

To,

The General Manager(C),
HSM - II, KHEP, Umrangso.

Sub:- Bill for "Supply and deployment- of 01 (one) no Excavator cum Loader (JCB) for restoration work of Khandong Power House, KHPS, Umrongso." (Period from 01/01/2023 to 03/04/2023) Group- A"

Supply Order No.:- NEEPCO/KHPS/C&P ©/ F-07/2023-24/ 991 Date. 06.07.2023

Sl No	Vehicle Number	Date of Deployment From	To	Unit	Quantity of vehicles	Quantity (days)	Rate in Rs,	Amount in Rs.
1	ML 04 D 2895, JCB	01.01.2023	03.04.2023	day	1	90.125	6000.00	540750.00
	TOTAL (A)							540750.00
	Add CGST @ 9%							48667.50
	Add SGST @ 9%							48667.50
	Total (B)							97335.00

Total (A) + (B) = **638085.00**

Say, Rs. **638085.00**

In words : (Rupees Six lakh Thirty-eight Thousand Zero hundred Eighty-five) only

Place: KHEP, Umrangso

(Sunny Hojai)

Certified that,

* The Bill for an amount of Rs. 5,40,750·00 (Rupees five Lakh forty thousand seven hundred fifty) only plus GST @18% has been verified and found to be in order.
* Period of this Bill is w.e.f. 01-01-2023 to 03-04-2
* Bill recorded in Bill Register.
* Chargeable Head: RR&M of Khandong Power Station for the year 2023-2024.
* S.E.S. No.- 1000027173.

14-07-2023

बी. बोरकाकती/B. Borkakaty
उप प्रबंधक(सी)/Dy.Manager (C)
एचएसएम/HSM-II
केएचपीएस, नीपको, उमरांग्सो (असम)
KHPS, NEEPCO, Umrongso (Assam)

15/7/2023

यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरांग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

O/C

SRI BIRENSING ENGTI
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref. No. Nil Dated : 14.07.2023

GSTIN No 18AAXPE8785H2ZS

To,

The General Manager(C),
HSM -II, KHEP, Umrangso.

Sub:- Bill for Supply and deployment of 1 (One) no Tractors for restoration work of Khandong Power House, KHPS, Umrangso. (Group-B) (Period from 01.01.2023 to 03.04.2023)

Order No. : NEEPCO/ KHPS/ C&P ©/F-07 / 2023-24/ 986 Date. 06.07.2023,

Sl No	Vehicle Number	Date of Deployment From	To	Unit	Quantity (vehicle)	Quantity (Days)	Rate	Amount
1	Clearence of sludge,debries from Tail Pool and Tail Race Tunnel of Khandong Power Station, KHPS, Dima Hasao, Assam byn engaging 1 (One) No Tractor (Period from 01/01/2023 to 03/04/2023) AS 02 BC 7015	01.01.2023	3.4.2023	day	1	86.875	1900.00	165062.50
	TOTAL (A)							**165062.50**
	Add CGST @ 9%							14855.63
	Add SGST @ 9%							14855.63
	Total (B)							**29711.25**

Total (A) + (B) = Rs **194773.75**

Say, Rs. 194774.00

In words : (Rupees One lakh Ninety-four Thousand Seven hundred Seventy-four) only

Place: KHEP, Umrangso

B.S.Engti
(Birensingh Engti)

Name of Co
Address.

Certified that,

* The Bill for an amount of Rs. 1,65,063-00 (Rupee one lakh sixty five thousand sixty three) only plus GST @ 18%. has been verified and found to be in order.
* The Bill is for the period from 01/01/23 to 3/4/23
* Bill recorded in Bill Register.
* Chargeable Head: RR&M of Khandong Power Station KHPS for the year 2023-2024.
* S.E.S. No. - 1000027179

04-07-2023

बी. बोरकाकती/B. Borkakaty
उप प्रबंधक(सी)/Dy.Manager (C)
एचएसएम/HSM-II
केएचपीएस, नीपको, उमरॉंग्सो (असम)
KHPS, NEEPCO, Umrongso (Assam)

05/7/2023

यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरॉंग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

O/C

SRI MARKOSE TERON
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref: No. Nil

Dated : 14.07.2023

GSTIN No 18AUWPT6759P1ZZ

To,

The General Manager(C),
HSM -II, KHEP, Umrangso.

Sub:- Bill for Supply and deployment of 1(One) no Tractor for restoration work of Khandong Intake, KHPS, Umrangso.(Group-D)- (Period from 23/12/2022 to 03/04/2023)

Order No. : NEEPCO/ KHPS/ C&P ©/F-07 / 2023-24/ 981 Date. 06/07/2023

Sl No	Vehicle Number	Date of Deployment From	To	Unit	Quantity (Days)	Rate	Amount
1	Supply & deployment of 01(one) no Tractor (AS 25 EC 5116)	23.12.2022	03.04.2023	day	97.000	1900.00	184300.00
	TOTAL (A)						**184300.00**
	Add CGST @ 9%						16587.00
	Add SGST @ 9%						16587.00
	Total (B)						**33174.00**
						Total (A) + (B)	**217474.00**

Say, Rs. 217474.00

In words : (Rupees Two lakh Seventeene Thousand Four hundred Seventy-four) only

Place: KHEP, Umrangso

(Markose Teron)

Certified that.

* The Bill for an amount of Rs. 1,84,300·00 (Rupees one lakh eighty four thousand three hundred) only plus GST @ 18%. has been verified and found to be in order.
* Period of this Bill is w.e.f. 23-12-2022 to 03-01-2023.
* Bill recorded in Bill Register.
* Chargeable Head : RR & M of Khandong Power Station for the year 2023-2024.
* S.E.S No. 1000027176.

10/7/2023

यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरांग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

14-07-2023

बी. बोरकाकती/B. Borkakaty
उप प्रबंधक(सी)/Dy.Manager (C)
एचएसएम/HSM-II
केएचपीएस, नीपको, उमरांग्सो (असम)
KHPS, NEEPCO, Umrongso (Assam)

O/C

SRI KHAGENDRA HOJAI
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref: N Nil

Dated : 14.07.2023

GSTIN No 18AIPPH8617P2ZC

To

The General Manager(C),
HSM -II, KHEP, Umrangso.

Sub :- Bill for Supply and deployment of 2 (Two) number Tractors for restoration work of Khandong Power House, KHPS, Umrangso. (Group-C) (period from 01.01.2023 to 03.04.2023)

Order No. : NEEPCO/ KHPS/ C&P ©/F-07 / 2023-24/ 976 Date. 06.07.2023

Sl No	Vehicle Number	Date of Deployment From	To	Unit	Quantity (vehicle)	Quantity (Days)	Rate	Amount
1	Clearence of sludge,debries from Tail Pool and Tail Race Tunnel of Khandong Power Station, KHPS, Dima Hasao, Assam byn engaging 1 (One) No Tractor (Period from 01/01/2023 to 03/04/2023) AS 02 BC 8242 and AS 01 AP 9365	01.01.2023	03.04.2023	day	1	89.75	1900.00	170525.00
2	Clearence of sludge,debries from Tail Pool and Tail Race Tunnel of Khandong Power Station, KHPS, Dima Hasao, Assam byn engaging 1 (One) No Tractor (Period from 01/01/2023 to 03/04/2023) AS 02 DC 2294 and As 01 EP 9241	01.01.2023	03.04.2023	day	1	70.270	1900.00	133513.00
	TOTAL (A)							**304038.00**
	Add CGST @ 9%							27363.42
	Add SGST @ 9%							27363.42
	Total (B)							**54726.84**
						Total (A) + (B)	= Rs	**358764.84**
								. Say, Rs. 358765.00

In words : (Rupees Three lakh Fifty-eight Thousand Seven hundred Sixty-five) only

14/07/2023

Place: KHEP, Umrangso

(Khagendra Hojai)

Certified that,

* The Bill for an amount of Rs. 3,04038.00 (Rupees - three lakh four thousand thirty eight) only plus GST @18% has been verified and found to be in order.
* The Bill is for the period from 01/01/23 to 03/04/23.
* Bill recorded in Bill Register.
* Chargeable Head : R R & M of Khandong Power House, KHPS for the year 2023-2024.
* S.E.S. No. - 1000027187.

14-07-2023

बी. बोरकाकती/B. Borkakaty
उप प्रबंधक(सी)/Dy.Manager (C)
एचएसएम/HSM-II
केएचपीएस, नीपको, उमरांग्सो (असम)
KHPS, NEEPCO, Umrongso (Assam)

14/7/2023

यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरांग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036
ISO: 9001 & 14001
OHSAS 18001

No: NEEPCO/KHPS/ C&P(C)/F-07 /2022-23/ 6123 Date: 18/03/23

To,

Sri Birensing Engti,
Supplier, Umrongso,
Dima Hasao, Assam.

Sub: Order for **"Supply & deployment of 01 (One) number Tractors for restoration work of Khandong Power Station, KHPS, Umrongso (Period from 16.09.2022 to 31.12.2022)".**

Dear Sir,

The Corporation is pleased to place this order for Supply & deployment of 01 (One) number Tractors for restoration work of Khandong Power Station, KHPS, Umrongso (Period from 16.09.2022 to 31.12.2022) as per the Rates and Terms & conditions laid down below:

Sl. No.	Particulars	Unit	Quantity (Machinaries)	Quantity (days)	Rate in Rs.	Amount in Rs.
1	Supply & Deployment of Tractor at Khandong Power Station site, KHPS, Umrongso for restoration work of Khandong PS (Period from 16.09.2022 to 31.12.2022 = 102 days)	Day	1	102	1900.00	193800.00
					Grand Total	**1,93,800.00**
					(Rupees One Lakh Ninety Three Thousand Eight Hundred) only.	

Terms and Conditions:

1. **Price:** The total value of the above Supply is **Rs. 1,93,800.00 (Rupees One Lakh Ninety Three Thousand Eight Hundred)** only excluding **GST.**
2. **No of Working Hours:** To be considered as below:

Sl. No	Working Hours	Consideration for Payment
1	Machine worked for 8 hrs. in a particular day	To be considered as Full Day of 8 hrs
2	Machine worked for more than 8 hrs. in a particular day	To be considered as Full day plus extra working hours on pro rata of per day rate
3	Machine worked for less than 8 hrs. in a particular day and balance hours idle for site restrictions without any fault of contractor	To be considered as Full Day of 8 hrs
4	Machine worked for less than 8 hrs. in a particular day and balance hour idle for breakdown of machineries	To be considered on pro rata of per day rate
5	Working hours plus idle hours (idle for site restriction without any fault of contractor) less than 8 hrs	To be considered on pro rata of per day rate
6	Full day idle for breakdown of machineries	Not to be considered for payment

3. **Taxes & Duties/Bank details:** The contract price as indicated is exclusive of GST@18%. The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

NO. KHPS/GM(C)/HSM/T-110/2022-23/ 844 DTD: 28/03/23

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Cost center – 1180001884

Profit center – 1200018000

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-I/ T-110/22-23/95 dtd 27/03/23	Birensing Engti	—	₹203.461.00

Enclosed:- As above.

Yours faithfully

28/3

General Manager (Civil)
HSM, KHPS, Umrangso

SRI BIRENSING ENGTI
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref: No. Nil

Dated : 27-03-2023

GSTIN No 18AAXPE8785H2ZS

To,

The General Manager(C),
HSM -II, KHEP, Umrangso.

Sub:- Bill for Supply and deployment of 1 (One) no Tractors for restoration work of Khandong Power House, KHPS, Umrangso. (Period from 16.09.2022 to 31.12.2022)

Order No. : NEEPCO/ KHPS/ C&P ©/F-07 / 2022-23/ 6123 Date. 18.03.2023

Sl No	Vehicle Number	Date of Deployment		Unit	Quantity (vehicle)	Quantity (Days)	Rate	Amount
		From	To					
1	AS 02 BC 7015 (Tractor)	16.09.2022	31.12.2022	day	1	90.75	1900.00	172425.00
	TOTAL (A)							**172425.00**
	Add CGST @ 9%							15518.25
	Add SGST @ 9%							15518.25
	Total (B)							**31036.50**

Total (A) + (B) = Rs **203461.50**

Say, Rs. 203462.00

In words : (Rupees Two lakh Three Thousand Four hundred Sixty-two) only

B.S. Engti.

Place: KHEP, Umrangso

(Birensingh Engti)

D/C

1) Bill amount verified for Rs20246200.00 (Rupees Two lakh Three Thousand Four hundred Sixty-two) only including GST and found in order.

2) Period of Bill w.e.f 16.09.2022 to 31.12.2022

3) Bill recorded in bill register

4) Amount is chargeable RR & M of Khandong Power Station (0704) for the year 2022-23.

27.3.23

प्राजीत कुमार दास / P.K. Das
प्रबंधक (सी) / Manager (C)
एचएसएम / HSM
खेप, नीपको लि. उमरॉंग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

28/3

यू. बोरा / U.Borah
महाप्रबंधक(सी) / General Manager(C)
एचएसएम/HSM
खेप, नीपको लि., उमरॉंग्सो (असम)
KHPS, NEEPCO LTD., Umrangso (Assam)

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
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ISO: 9001 & 14001
OHSAS 18001
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉंग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

No: NEEPCO/KHPS/ C&P(C)/F-07 /2022-23/ 6129 Date: 18/03/23

To,

Sri Sunny Hojai,
Supplier, Umrongso,
Dima Hasao, Assam.

Sub: Order for **"Supply & deployment of 1(one) number Excavator cum Loader (JCB), for restoration work of Khandong Power House, KHPS, Umrongso (Period from 16.09.2022 to 31.12.2022)".**

Dear Sir,

The Corporation is pleased to place this order for Supply & deployment of 1(one) number Excavator cum Loader (JCB for restoration work of Khandong Power House, KHPS, Umrongso (Period from 16.09.2022 to 31.12.2022)as per the Rates and Terms & conditions laid down below:

Sl. No.	Particulars	Unit	Quantity (Machinaries)	Quantity (days)	Rate in Rs.	Amount in Rs.
1	Supply & deployment of Excavator cum Loader (JCB) at Khandong Power Station site, KHPS, Umrongso for restoration work of Khandong PS (Period from 16.09.2022 to 31.12.2022= 104.781 days)	Day	1	104.781	6000.00	628686.00
					Grand Total	**6,28,686.00**
(Rupees Six Lakh Twenty Eight Thousand Six Hundred Eighty Six) only excluding GST						

Terms and Conditions:

1. **Price:** The total value of the above Supply is **Rs.6,28,686.00 (Rupees Six Lakh Twenty Eight Thousand Six Hundred Eighty Six)** only excluding **GST.**
2. **No of Working Hours:** To be considered as below:

Sl. No	Working Hours	Consideration for Payment
1	Machine worked for 8 hrs. in a particular day	To be considered as Full Day of 8 hrs
2	Machine worked for more than 8 hrs. in a particular day	To be considered as Full day plus extra working hours on pro rata of per day rate
3	Machine worked for less than 8 hrs. in a particular day and balance hours idle for site restrictions without any fault of contractor	To be considered as Full Day of 8 hrs
4	Machine worked for less than 8 hrs. in a particular day and balance hour idle for breakdown of machineries	To be considered on pro rata of per day rate
5	Working hours plus idle hours (idle for site restriction without any fault of contractor) less than 8 hrs	To be considered on pro rata of per day rate
6	Full day idle for breakdown of machineries	Not to be considered for payment

3. **Taxes & Duties/Bank details:** The contract price as indicated is exclusive of GST@18%. The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.

KHEP, NEEPCO Ltd. Umrangso, Assam

Mgr.(C) / Dy.(C) for Mgr.
Khandong PS

20/03/2023

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

NO. KHPS/GM(C)/HSM/ T-110 /2022-23/ 841 DTD: 28/03/23

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Cost center – 1180001884
Profit center – 1200018000

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-II/ T-110/22-23/94 dtd 27/03/23	Sunny Nepal	—	₹ 699369.00

Enclosed:- As above.

Yours faithfully

28/3

General Manager (Civil)
HSM, KHPS, Umrangso

SRI SUNNY HOJAI
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref: N Nil

Dated : 27-03-2023

GSTIN No 18ADYPH7598D2ZP

To,

The General Manager(C),
HSM - II, KHEP, Umrangso.

Sub:- Bill for "Supply and deployment- of 01 (one) no Excavator cum Loader (JCB) for restoration work of Khandong Power House, KHPS, Umrongso." (Period from 16.09.2022 to 31.12.2022)

Supply Order No.:- NEEPCO/KHPS/C&P ©/ F-07/2022-23/ 6129 Date. 18.03.2023

Sl No	Vehicle Number	Date of Deployment		Unit	Quantity of vehicles	Quantity (days)	Rate in Rs,	Amount in Rs.
		From	To					
1	ML 04 D 2895, JCB	16.09.2022	31.12.2022	day	1	98.781	6000.00	592686.00
	TOTAL (A)							592686.00
	Add CGST @ 9%							53341.74
	Add SGST @ 9%							53341.74
	Total (B)							106683.48

Total (A) + (B) = **699369.48**

Say, Rs. **699369.00**

In words : (Rupees Six lakh Ninety-nine Thousand Three hundred Sixty-nine) only

Place: KHEP, Umrangso

(Sunny Hojai)

Name of
Address

1)Bill verified for Rs 699369.00 (Rupees Six lakh Ninety-nine Thousand Three hundred Sixty-nine) only including GST and found in order.

2) Period of Bill w.e.f 16.09.2022 to 31.12.2022

3)Bill recorded in bill register

4) Amount is chargeable RR & M of Khandong Power Station (0704) for the year 2022-23.

27.3.23

प्राजीत कुमार दास / P.K. Das
प्रबंधक (सी) / Manager (C)
एचएसएम / HSM
खेप, नीपको लि. उमरॉग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

U.Borah
General Manager(C)
Umrongso (Assam)

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
ISO: 9001 & 14001
OHSAS 18001
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉन्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

No: NEEPCO/KHPS/ C&P(C)/F-07 /2022-23/ 2120 Date: 25/8/2022.

To,

Sri Sunny Hojai,
Supplier, Umrongso,
Dima Hasao, Assam.

Sub: Order for "Supply & deployment of 1(one) no Excavator cum Loader (JCB), 1 (One) Dumper for restoration work of Khandong Power House, KHPS, Umrongso from 30.03.2022 to 30.06.2022".

Dear Sir,

The Corporation is pleased to place this order for Supply & deployment of 1(one) no Excavator cum Loader (JCB), 1 (One) Dumper for restoration work of Khandong Power House, KHPS, Umrongso as per the Rates and Terms & conditions laid down below:

Sl. No.	Particulars	Unit	Qnty. Of vehicle	Quantity (days)	Rate in Rs.	Amount in Rs.
1	Supply of 1(One) no. of Excavator (JCB) (From 30.03.2022)	Day	1	93x1.1	6000.00	6,13,800.00
2	Supply of 1(One) no. of Dumper (From 30.03.2022)	Day	1	93x1.1	6000.00	6,13,800.00
					Grand Total	**12,27,600.00**
					(Rupees Twelve Lakh Twenty Seven Thousand Six Hundred) only.	

Terms and Conditions:

1. **Price:** The total value of the above Supply is **Rs.12,27,600.00 (Rupees Twelve Lakh Twenty Seven Thousand Six Hundred)** only excluding **GST.**
2. **No of Working Hours:** To be considered as below:

Sl. No	Working Hours	Consideration for Payment
1	Machine worked for 8 hrs. in a particular day	To be considered as Full Day of 8 hrs
2	Machine worked for more than 8 hrs. in a particular day	To be considered as Full day plus extra working hours on pro rata of per day rate
3	Machine worked for less than 8 hrs. in a particular day and balance hours idle for site restrictions without any fault of contractor	To be considered as Full Day of 8 hrs
4	Machine worked for less than 8 hrs. in a particular day and balance hour idle for breakdown of machineries	To be considered on pro rata of per day rate
5	Working hours plus idle hours (idle for site restriction without any fault of contractor) less than 8 hrs	To be considered on pro rata of per day rate
6	Full day idle for breakdown of machineries	Not to be considered for payment

3. **Taxes & Duties/Bank details:** The contract price as indicated is exclusive of GST@18%. The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

KHPS/GM(C)/HSM/T-110/2022-23/295 DTD: 30/8/22

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1	KHPS/GM(C)/HSM-II/22-23/303 dtd 29/8/22	Sri Sunny Hojai	—	₹1301233/-

Enclosed:- As above.

Yours faithfully

29/8/2022

General Manager (Civil)
HSM, KHPS, Umrangso

SRI SUNNY HOJAI

: Umrangso

Dima Hasao, Assam

/KHPS/C&P(C)/F-05/2022-23/2120, dtd

GSTIN	18ADYPH7598D2ZP

Invoice No : Nil

Invoice date : 26.8.2022

Buyer's Ref. No. :

Dispatch Through :

LR No & Date :

Term of Payment :

Tax Invoice

Customer Name : KHEP, NEEPCO Ltd

Customer GSTIN : 18AAACN9991J2ZQ

Billing address : Sr. Manager (C),
KHEP, NEEPCO Ltd, Umrangso.

Sl No	SAC Code	Particulars of worKs	Quantity	Unit	Rate	Amount
1	996601	Bill for supply & deployment of 1(one) Excavatot cum-loader (JCB), 1(one) for restoration work of Khandong Power house, KHPS, Umrangso from 30.03.2022 to 30.06.2022.		1		
		1. JCB	95.19	1	6000	531600.00
		2. Dumper	88.6	1	6000	571140.00
				Total		1102740.00
				Other expenses		nil
				Total		1102740.00
				SGST 9%		99246.60
				CGST 9%		99246.60
				IGST		0.00
				Amount		1301233.20

1 We declare that this invoice shows the actual price of goods described and that all particulars are true and correct.

2 E & O.E.

Total (thirteen lakhs one thousand two hundred thirty three) only

(Signature)

1) Bill amount verified for Rs 1301233.00 (Rupees Thirteen lakh One Thousand Two hundred Thirty three) only including GST and found in order.

2) Period of Bill w.e.f 30.03.2022 to 30.06.2022

3) Bill recorded in bill register

4) Amount is chargeable under RR & M of Khandong Power Station (0704) for the year 2022-23.

29.8.22

यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरॉंगसो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

27.8.22

प्राजीत कुमार दास / P.K. Das
प्रबंधक (सी) / Manager (C)
एचएसएम / HSM
खेप, नीपको लि. उमरॉंगसो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
): 9001 & 14001
)HSAS 18001
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉंग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

No: NEEPCO/KHPS/ C&P(C)/F-07 /2022-23/ 1396 Date: 12/07/22.

To,

Sri Birensing Engti,
Supplier, Umrongso,
Dima Hasao, Assam.

Sub: Order for "**Supply and deployment of 02 (Two) nos of Tractors for restoration work of Khandong and Stage-II Power House, KHPS, (for the period from 18.04.2022 to 30.06.2022)**".

Dear Sir,

The Corporation is pleased to place this order for Supply and deployment of 02 (Two) nos of Tractor for restoration work of Khandong and Stage-II Power House, KHPS, Umrongso as per the Rates and Terms & conditions laid down below:

Sl. No.	Particulars	Unit	Quantity of Vehicle	Quantity (Days)	Rate in Rs.	Amount in Rs.
	Supply of 02 (Two) nos of Tractors mounted (w.e.f from 18.04.2022 to 30.06.2022)	Day	2	74	1900.00	281200.00
					Total	2,81,200.00
(Rupees Two Lakh Eighty One Thousand Two Hundred) only excluding GST						

Terms and Conditions:

1. **Price:** The total value of the above Supply is **Rs.2,81,200.00 (Rupees Two Lakh Eighty One Thousand Two Hundred)** only excluding **GST.**
2. **No of Working Hours:** To be considered as below:

Sl. No	Working Hours	Consideration for Payment
1	Machine worked for 8 hrs. in a particular day	To be considered as Full Day of 8 hrs
2	Machine worked for more than 8 hrs. in a particular day	To be considered as Full day plus extra working hours on pro rata of per day rate
3	Machine worked for less than 8 hrs. in a particular day and balance hours idle for site restrictions without any fault of contractor	To be considered as Full Day of 8 hrs
4	Machine worked for less than 8 hrs. in a particular day and balance hour idle for breakdown of machineries	To be considered on pro rata of per day rate
5	Working hours plus idle hours (idle for site restriction without any fault of contractor) less than 8 hrs	To be considered on pro rata of per day rate
6	Full day idle for breakdown of machineries	Not to be considered for payment

3. **Taxes & Duties/Bank details:** Total Price mentioned above is exclusive of GST and all other applicable Taxes.

4. **Payment Terms:** 100% Payment shall be paid at actual subject to submission of bill to the executing authority.

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

NO. KHPS/GM(C)/HSM/ T-110/2022-23/232 DTD: 23/7/22

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1	KHPS/GM/HSM-II/ T-110/22-23/296 dtd 23/7/22	Sri Birensing Engti	—	₹ 292511

Enclosed:- As above.

Yours faithfully

23/7

General Manager (Civil)
HSM, KHPS, Umrangso

BIRENSING ENGTI

CONTRACTOR & ORDER SUPPLIER

UMRANGSO, DIMA HASAO

ASSAM

GSTIN ::18AAXPE 8785H2ZS

Bill

To,

Dated 20.07.2022

The Gen. Manager (C)
HSM-II, KHPS NEEPCO LTD
Umrangso

Sub:- Bill for " Supply and delpoyment of 02(two) Nos. of Tractor for restoration work of Khandong and Stage-II Power House, KHPS, Umrangso (for the period from 18.04.2022 to 30.06.2022)

Work order No :- NEEPCO/KHPS/C&P©/F-07/2022-2023/1396, dated 12.07.2022.

Sl. No.	Particulars of works	Unit	Quantity in days	Rate	Amount
1	Supply of 2(two) nos. of Tractors omunted ur (From 18.04.2022 to 30.06.2022)	Man days			
	1. Tractor No. AS02 BC 7015	Days	68.469	1900	130091.10
	2. Tractor No. AS01 EP 4758 and AS02 CC 5116	Days	62.00	1900	117800.00
	Sub total				247891.10
	Add SGST 9%				22310.00
	Add CGST 9%				22310.00
					292511.10

(Rupees Two Lakhs ninety two thousand five Hundred eleven) only.

B.S. Engti

(Birensing Engti)

Bill

1. Amount verified for Rs. 2,92,511.00 (Rupees Two Lakhs ninety two thousand five Hundred eleven) including GST and found to be in order.

2. Bill for the period 18.**04.2022 to 30.06.2022**

3.Bill recorded in the bill register.

4. Amount is chargeable RR & M of Khandong Power Station (0704)for the year 2022-23.

उप-महाप्रबंधक (सी) / D.G.M. (C)
एचएसएम / HSM-II
खेप,नीपको लि.,उमरॉग्सो , असम
KHEP, NEEPCO Ltd., Umrangso, Assam

21/7/2022
उप-प्रबंधक (सी) / Dy. Manager (C)
एचएसएम / HSM
खेप,नीपको लि.,उमरॉग्सो , असम
KHEP, NEEPCO Ltd., Umrangso, Assam

: Sri Birensing Engti
: Umrangso
Dima Hasao, Assam
No. NEEPCO/KHPS/C&P©/F-07/2022-2023/
ted 12.07.2022.
Custom

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
SO: 9001 & 14001
OHSAS 18001
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉन्गसो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

No: NEEPCO/KHPS/ C&P(C)/F-07 /2022-23/ 2046 Date: 24/8/2022.

To,

Mr. P. K. Dihingia,
Supplier, Umrongso,
Dima Hasao, Assam.

Sub: Order for "Supply & deployment of 1(one) no Excavator cum Loader (Poclain) for restoration work of Khandong Power House, KHPS, Umrongso from 02.04.2022 to **31.05.2022**".

Dear Sir,

The Corporation is pleased to place this order for Supply & deployment of 1(one) no Excavator cum Loader (Poclain) for restoration work of Khandong Power House, KHPS, Umrongso as per the Rates and Terms & conditions laid down below:

Sl. No.	Particulars	Unit	Qnty. Of vehicle	Quantity (days)	Rate in Rs.	Amount in Rs.
	Supply of 1(One) no. of Excavator (Poclain) (From 02.04.2022 to **31.05.2022**).	Day	1	55.956	12667.00	708794.65
					Grand Total	7,08,794.65
					Say	7,08,795.00
					(Rupees Seven Lakhs Eight Thousand Seven Hundred Ninety Five) only.	

Terms and Conditions:

1. **Price:** The total value of the above Supply is **Rs.7,08,795.00 (Rupees Seven Lakhs Eight Thousand Seven Hundred Ninety Five)** only excluding **GST.**
2. **No of Working Hours:** To be considered as below:

Sl. No	Working Hours	Consideration for Payment
1	Machine worked for 8 hrs. in a particular day	To be considered as Full Day of 8 hrs
2	Machine worked for more than 8 hrs. in a particular day	To be considered as Full day plus extra working hours on pro rata of per day rate
3	Machine worked for less than 8 hrs. in a particular day and balance hours idle for site restrictions without any fault of contractor	To be considered as Full Day of 8 hrs
4	Machine worked for less than 8 hrs. in a particular day and balance hour idle for breakdown of machineries	To be considered on pro rata of per day rate
5	Working hours plus idle hours (idle for site restriction without any fault of contractor) less than 8 hrs	To be considered on pro rata of per day rate
6	Full day idle for breakdown of machineries	Not to be considered for payment

3. **Taxes & Duties/Bank details:** The contract price as indicated is exclusive of GST@18%. The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

KHPS/GM(C)/HSM/110 /2022-23/315 DTD: 31/8/22

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-II /22-23/ dtd 31/8/ 22	Sri P.K. Dikingia	—	₹836198.00

Enclosed:- As above.

Yours faithfully

31/08/2022

General Manager(Civil)
HSM, KHPS, Umrangso

Mr. P.K.Dihingia
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref: No. Nil

Dated : 30.08.2022

GSTIN No 18AGMPD5618D1ZJ

To,

The General Manager(C),
HSM - II, KHEP, Umrangso.

Sub:- Bill for Supply & deployment of 1 (One) no Excavator cum Loader (Pocklain) for restoration work of Khandong Power House, KHPS, Umrangso. (From 02.04.2022 to 31.05.2022)

W.O:- NEEPCO/KHPS/C&P(C)/F-07/2022-2023/ 2046, dtd 24.08.2022

Sl No	Particulars	Date of Deployment		Unit	Quantity of vehicles	Quantity (Days)	Rate (In Rs.)	Amount (In Rs.)
		From	To					
1	Supply of 1 (One) no of Excavator (Pocklain) (From 02.04.2022 to 31.05.2022)	02.04.2022	31.05.2022	day	1	55.944	12667.00	708642.65
	TOTAL (A)							708642.65
	Add CGST @ 9%							63777.84
	Add SGST @ 9%							63777.84
	Total (B)							127555.68

Total (A) + (B) = **836198.32**

Say, Rs. 836198.00

In words : (Rupees Eight lakh Thirty- six Thousand One hundred Ninety- eight) only

Place: KHEP, Umrangso

(P.K.Dihingiai)

000564

1)Bill amount verified for Rs 836198.00 (Rupees Eight lakh Thirty-six Thousand One hundred Ninety-eight) only
2) Period of Bill w.e.f 02.04.2022 to 31.05.2022
3)Bill recorded in bill register
4) Amount is chargeable RR & M of Khandong Power Station (0704) for the year 2022-23.

07/09/2022

यू. बोरा / U.Boraa
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरॉंग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

31.8.22

प्राजीत कुमार दास / P.K. Das
प्रबंधक (सी)/ Manager (C)
एचएसएम / HSM
खेप, नीपको लि. उमरॉंग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

Mr. P.K. Dihing
Supplier, Umro
Dima Hasao, As

ractor.

Customer Name : KHEP, NEEPCO Ltd.
CustomerGSTIN : 18AAACN9991J2ZQ

Sl. No	SAC Code	Partic
		Supp

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉंग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036
9001 & 14001
HSAS 18001

No: NEEPCO/KHPS/ C&P(C)/F-07 /2022-23/ 2373

Date: 03/9/22.

प्राप्ति सं / Receipt No. 1099
दिनांक / Dtd 6/9/22
KHEP, NEEPCO Ltd. Umrangso, Assam

To,

Sri Khagendra Hojai,
Supplier, Umrongso,
Dima Hasao, Assam.

Sub: Order for "Supply & deployment of 1(one) no Excavator cum Loader (JCB), 1 (One) Dumper and 3 (Three) Tractors for restoration work of Khandong Power House, KHPS, Umrongso".

Dear Sir,

The Corporation is pleased to place this order for Supply & deployment of 1(one) no Excavator cum Loader (JCB), 1 (One) Dumper for restoration work of Khandong Power House, KHPS, Umrongso as per the Rates and Terms & conditions laid down below:

Sl. No.	Particulars	Unit	Qnty. Of vehicle	Quantity (days)	Rate in Rs.	Amount in Rs.
1	Supply of 1(One) no. of Excavator (JCB) (From 29.03.2022)	Day	1	94 x 1.1	6000.00	6,20,400.00
2	Supply of 3(Three) no. of Tractors					
	A. W.e.f from 29.03.2022	Day	1	94 x 1.1	1900.00	1,96,460.00
	B. From 03.04.2022		1	89 x 1.1	1900.00	1,86,010.00
	C. From 04.04.2022		1	88 x 1.1	1900.00	1,83,920.00
2	Supply of 1(One) no. of Dumper (From 31.03.2022)	Day	1	90 x 1.1	6000.00	5,94,000.00
					Grand Total	**17,80,790.00**
(Rupees Seventeen Lakh Eighty Thousand Seven Hundred Ninety) only.						

Terms and Conditions:

1. **Price:** The total value of the above Supply is **Rs.17,80,790.00 (Rupees Seventeen Lakh Eighty Thousand Seven Hundred Ninety)** only excluding **GST.**
2. **No of Working Hours:** To be considered as below:

Sl. No	Working Hours	Consideration for Payment
1	Machine worked for 8 hrs. in a particular day	To be considered as Full Day of 8 hrs
2	Machine worked for more than 8 hrs. in a particular day	To be considered as Full day plus extra working hours on pro rata of per day rate
3	Machine worked for less than 8 hrs. in a particular day and balance hours idle for site restrictions without any fault of contractor	To be considered as Full Day of 8 hrs
4	Machine worked for less than 8 hrs. in a particular day and balance hour idle for breakdown of machineries	To be considered on pro rata of per day rate
5	Working hours plus idle hours (idle for site restriction without any fault of contractor) less than 8 hrs	To be considered on pro rata of per day rate
6	Full day idle for breakdown of machineries	Not to be considered for payment

DM(C) for M/c
P. Das
7/9/2022

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

NO. KHPS/GM(C)/HSM/T-110 /2022-23/326 DT.D: 9/9/22

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Sub: Submission of works Bill/P.O Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-II/ T-110/22-23/34 dtd 9/9/22	Khagendra Hojai	-	₹1920.94

Enclosed:- As above.

Yours faithfully

General Manager (Civil)
HSM, KHPS, Umrangso

SRI KHAGENDRA HOJAI
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref: N Nil

Dated : 08.09.2022

GSTIN No 18AIPPH8617P2ZC

To,

The General Manager(C),
HSM -II, KHEP, Umrangso.

Sub:- Bill for Supply and deployment of 1 (one) no excavator cum loader (JCB), 1 (one) Dumper and 3 (Three) Tractors for restoration work of Khandong Power House, KHPS, Umrangso.

Order No. : NEEPCO/ KHPS/ C&P ©/F-07 / 2022-23/ 2373 Date. 03.06.2022

Sl No	Vehicle Number	Date of Deployment From	Date of Deployment To	Unit	Quantity (vehicle)	Quantity (Days)	Rate	Amount
1	AS 08 8626 & AS 01 MC 9716 (JCB)	29.03.2022	30.06.2022	day	1	98.969	6000.00	593814.00
2	AS 01 1973 & AS 02 CC 1291 (Tractor)	29.03.2022	30.06.2022	day	1	81.95	1900.00	155705.00
	AS 01 MC 5180 & AS 02 DC 2294 (Tractor)	03.04.2022	30.06.2022	day	1	82.7	1900.00	157130.00
	AS 02 CC 4947 (Tractor)	04.04.2022	30.06.2022	day	1	85.3	1900.00	162070.00
3	AS 09 AC 4741 (Dumper)	31.03.2022	30.06.2022	day	1	93.2	6000.00	559200.00
	TOTAL (A)							**1627919.00**
	Add CGST @ 9%							146512.71
	Add SGST @ 9%							146512.71
	Total (B)							**293025.42**

Total (A) + (B) = Rs **1920944.42**

Say, Rs. 19,20,944.00

In words : (Rupees Nineteen lakh Twenty Thousand Nine hundred Forty-four) only

Place: KHEP, Umrangso

(Khagendra Hojai)

Divn bill No KHPS/GM(C)/HSM-II/E-110/22-23/34 dtd 9/9/22

SRI KHAGE
Supplier, Um
Dima Hasao,

me of Contractor:
Address:

Customer

1) Bill amount verified for Rs 1920944.00 (Rupees Nineteen lakh Twenty Thousand Nine hundred Forty-four) only including GST and found in order.

2) Period of Bill w.e.f 29.03.2022 to 30.06.2022

3) Bill recorded in bill register

4) Amount is chargeable RR & M of Khandong Power Station (0704) for the year 2022-23.

9/9/2022

यू. बोरा / U.Boran
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरॉंग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

8.9.22

प्राजीत कुमार दास / P.K. Das
प्रबंधक (सी) / Manager (C)
एचएसएम / HSM
खेप, नीपको लि. उमरॉंग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर व मिटेड
NORTH EASTERN ELECTRIC POWE ION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT E)
Website: www.neepco.co.in ::CIN:U401 658
सी एण्ड पी (सी) स्कंध / CONTRACT & PI C) WING
कोपिली जल विद्युत संयत्र, उमरॉग्सो, डि... 88931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03...56
ISO: 9001 & 14001
OHSAS 18001

No: NEEPCO/KHPS/ C&P(C)/F-07 /2022-23/ 1414 Date: 12/7/22.

To,

M/s APS HYDRO Pvt. Ltd.
Plot No.10/58, First Floor, Industrial Area,
Kirti Nagar, New delhi-110015
Mobile:9811282989, Tel: 011-47001921
Email: apshydro@gmail.com , info@apashydro.com

PR = 1400000394 PO = 3700004787

Sub: Order for "Supply and deployment of 02 (Two) nos. excavator cum loader (JCB) and 02 nos. Dumper for restoration work of Khandong Power House, KHPS, Umrongso".

Dear Sir,

The Corporation is pleased to place this order for Supply and deployment of 02 (Two) nos. excavator cum loader (JCB) and 02 nos. Dumper for restoration work of Khandong Power House, KHPS, Umrongso as per the Rate and Terms & conditions laid down below:

Sl. No.	Particulars	Unit	Quantity (Vehicle)	Quantity (days)	Rate(INR)	Amount (INR)
1	JCB 3DX HR 51 CC 7955 (w.e.f 27.03.2022 to 09.04.2022)	Day	1	15.615	6000.00	93690.00
2	JCB 4DX MZ 01 R 1666 (w.e.f. 28.03.2022 to 31.03.2022)	Day	1	5.146	6000.00	30876.00
3	Dumper UK 14 CA 1255 (w.e.f. 27.03.2022 to 12.04.2022)	Day	1	20.604	6000.00	123624.00
4	Dumper UK 14 CA 1294 (w.e.f. 28.03.2022 to 02.04.2022	Day	1	8.417	6000.00	50502.00
					Grand Total	**2,98,692.00**
(Rupees Two Lakh Ninety Eight Thousand Six Hundred Ninety Two) only excluding GST						

Activity (Dumper) No - 10006602

Terms and Conditions:

1. **Price:** The total value of the above Supply is **Rs.2,98,692.00 (Rupees Two Lakh Ninety Eight Thousand Six Hundred Ninety Two)** only excluding **GST.**
2. **No of Working Hours:** To be considered as below:

Sl No	Working Hours	Consideration for Payment
1	Machine worked for 8 hrs. in a particular day	To be considered as Full Day of 8 hrs
2	Machine worked for more than 8 hrs. in a particular day	To be considered as Full day plus extra working hours on pro rata of per day rate
3	Machine worked for less than 8 hrs. in a particular day and balance hours idle for site restrictions without any fault of contractor	To be considered as Full Day of 8 hrs
4	Machine worked for less than 8 hrs. in a particular day and balance hour idle for breakdown of machineries	To be considered on pro rata of per day rate
5	Working hours plus idle hours (idle for site restriction without any fault of contractor) less than 8 hrs	To be considered on pro rata of per day rate
6	Full day idle for breakdown of machineries	Not to be considered for payment

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

NO. KHPS/GM(C)/HSM/T-110/2022-23/837 DTD: 27/03/23

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Cost center – 1180001884
Profit center – 12000 18000

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-II/ T-110/22-23/92 dtd 27/03/23	M/S NRS	–	₹ 352,457.00

Enclosed:- As above.

Yours faithfully

27/03/2023
General Manager (Civil)
HSM, KHPS, Umrangso

APS Hydro Pvt. Ltd.

CIN NO. U45203DL2003PTC119375

BILL -1

Date:- 20-02-23

To

The General Manager (C)
HSM-II, KHPS, Umrangso.

Dy. Mgr(C), C&P
For a/a ji
22/03/2023

Sub :- Bill of Supply and deployment of 02(Two) nos. excavator cum loder (JCB) and 02 Two) nos. Dumper for restoration work of Khangdom Power House, KHPS, Umrangso.

S.O. :- NEEPCO/KHPS/C&P(C)/F-07/2022-23/ 1414, dtd 12.07.2022

S.No.	Vehicle No.	Date of Deployment		Unit	Quantity	Quantity	Rate	Amount
		From	To		(Vehicle)	(Days)		
1	JCB 3DX HR51CC-7955	27.03.2022	09.04.2022	day	1	15.615	6,000.00	₹ 93,690
2	JCB 4DX MZ01R-1666	28.03.2022	31.03.2022	day	1	5.146	6,000.00	₹ 30,876
3	DUMPER UK14CA-1255	27.03.2022	12.04.2022	day	1	20.604	6,000.00	₹ 1,23,624
4	DUMPER UK14CA-1294	28.03.2022	02.04.2022	day	1	8.417	6,000.00	₹ 50,502
							TOTAL (A)	₹ 2,98,692
							Add CGST @ 9%	₹ 26,882.28
							Add SGST @ 9%	₹ 26,882.28
							TOTAL (A)	₹ 53,765

Total (A) + (B)= Rs ₹ 3,52,456.56

Say, Rs ₹ 3,52,457.00

In Words : (Rupee Three Lakh Fifty Tow Thousand Four Hundred Fifty Seven) Only

अ... स. / U.O. No. 1289
दिनांक / Dtd. 09/03/23
एचएसएम / HSM
एच, नीपको लि., उमरॉग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

Place: KHPS, Umrangso

M/s APS Hydro Pvt. Ltd.

Manager(C) for a/c

प्राप्ति सं / Receipt No. 2749
दिनांक / Dtd. 9/3/23

20/02/2023

Existing P.O. 3700004787

Request To cancle now P.O. with GL. 4032405 4032024

with plant code 1900.

09/03/2023

DGM(E/M) pe. (C&P)

Registered Office : Plot No 10/58, 1st Floor, Industrial Area Kirti Nagar, New Delhi-110015, Tele: 011-47001921
E-mail : apshydro@gmail.com, info@apshydro.com

1) Bill amount verified for Rs. 3,52,457.00 (Rupees Three Lakh Fifty Two Thousand Four Hundred Fifty Seven) including GST and found in order.

2) Period of Bill w.e.f 27-02-2022 to 12-04-2022.

3) Bill recorded in bill register

4) Amount is chargeable RR & M of Khandong Power Station (0704) for the year 2022-23.



27/03/2023

यू. बोरा / U.Boran
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरांग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

21.2.23

प्राजीत कुमार दास / P.K. Das
प्रबंधक (सी) / Manager (C)
एचएसएम / HSM
खेप, नीपको लि. उमरांग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉन्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036
ISO: 9001 & 14001
OHSAS 18001

No: NEEPCO/KHPS/ C&P(C)/F-07 /2022-23/ 6117 Date: 18/03/23

To,

Sri Khagendra Hojai,
Supplier, Umrongso,
Dima Hasao, Assam.

Sub: Order for **"Supply & deployment of 1(one) number Excavator cum Loader (JCB), and 2 (Two) numbers of Tractors for restoration work of Khandong Power Station, KHPS, Umrongso (Period from 16.09.2022 to 31.12.2022)".**

Dear Sir,

The Corporation is pleased to place this order for Supply & deployment of 1(one) number Excavator cum Loader (JCB), and 2 (Two) numbers of Tractors for restoration work of Khandong Power Station, KHPS, Umrongso (Period from 16.09.2022 to 31.12.2022) as per the Rates and Terms & conditions laid down below:

Sl. No.	Particulars	Unit	Quantity (Machinaries)	Quantity (days)	Rate in Rs.	Amount in Rs.
1	Supply & deployment of Excavator cum Loader (JCB) at Khandong Power Station site, KHPS, Umrongso for restoration work of Khandong PS (Period from 16.09.2022 to 31.10.2022= 46 days)	Day	1	42.438	6000.00	254628.00
2	Supply & deployment of Tractors (a) at Khandong Power Station site, KHPS, Umrongso for restoration work of Khandong PS (Period from 16.09.2022 to 31.12.2022 = 98 days)	Day	1	98	1900.00	186200.00
3	Supply & deployment of Tractors (b) at Khandong Power Station site, KHPS, Umrongso for restoration work of Khandong PS (Period from 16.09.2022 to 31.12.2022 = 100.687 days)	Day	1	100.687	1900.00	191305.30
					Grand Total	**6,32,133.30**
					Say	**6,32,133.00**
(Rupees Six Lakh Thirty Two Thousand One Hundred Thirty Three) only excluding GST						

Terms and Conditions:

1. **Price:** The total value of the above Supply is **Rs.6,32,133.00 (Rupees Six Lakh Thirty Two Thousand One Hundred Thirty Three)** only excluding **GST.**
2. **No of Working Hours:** To be considered as below:

Sl. No	Working Hours	Consideration for Payment
1	Machine worked for 8 hrs. in a particular day	To be considered as Full Day of 8 hrs
2	Machine worked for more than 8 hrs. in a particular day	To be considered as Full day plus extra working hours on pro rata of per day rate

Forwarded to the DGM(E/M) C&P for creating L.P.O. (three nos.)

20/03/2022 DGM(E/M) 21/3

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

NO. KHPS/GM(C)/HSM/F-110/2022-23/842 DTD: 28/03/23

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Cost center – 1180001884

Profit center – 12000 18000

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-II/F-110/22-23/96 dtd 27/03/23	Khagendra Hojai	—	₹673120.00

Enclosed:- As above.

Yours faithfully

28/3

General Manager (Civil)
HSM, KHPS, Umrangso

P.O No - 3700005149
SES No - 1000022273

SRI KHAGENDRA HOJAI
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref: N Nil

Dated : 27-03-2023

GSTIN No 18AIPPH8617P2ZC

To,

The General Manager(C),
HSM -II, KHEP, Umrangso.

Sub:- Bill for Supply and deployment of 1 (one) no excavator cum loader (JCB) and 3 (Three) Tractors for restoration work of Khandong Power House, KHPS, Umrangso. (period from 16.09.2022 to 31.12.2022)

Order No. : NEEPCO/ KHPS/ C&P ©/F-07 / 2022-23/ 6117 Date. 18.03.2023

Sl No	Vehicle Number	Date of Deployment		Unit	Quantity (vehicle)	Quantity (Days)	Rate	Amount
		From	To					
1	AS 01 MC 9716 (JCB)	16.09.2022	31.10.2022	day	1	41.438	6000.00	248628.00
2	AS 02 DC 2294 (Tractor)	16.09.2022	31.12.2022	day	1	88.25	1900.00	167675.00
3	AS 02 CC 1291, AS 21 AC 0258 & AS 02 BC 8242 (Tractor)	16.09.2022	31.12.2022	day	1	81.125	1900.00	154137.50
	TOTAL (A)							**570440.50**
	Add CGST @ 9%							51339.65
	Add SGST @ 9%							51339.65
	Total (B)							**102679.29**

Total (A) + (B) = Rs **673119.79**

Say, Rs. 673120.00

In words : (Rupees Six lakh Seventy-three Thousand One hundred Twenty) only

Place: KHEP, Umrangso

(Khagendra Hojai)

O/C

Sl. No	SAC Code

Customer Name : KHEP,
CustomerGSTIN : 18AAA

of Contractor: SRI
Supp
Dima
ess:

1) Bill amount verified for Rs 673120.00 (Rupees Six lakh Seventy-three Thousand One hundred Twenty) only including GST and found in order.
2) Period of Bill w.e.f 16.09.2022 to 31.12.2022
3) Bill recorded in bill register
4) Amount is chargeable RR & M of Khandong Power Station (0704) for the year 2022-23.

27.3.23

प्राजीत कुमार दास / P.K. Das
प्रबंधक (सी) / Manager (C)
एचएसएम / HSM
खेप, नीपको लि. उमरॉग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

28/3

यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM
केएचईपी, नीपको लि., उमरॉग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036
ISO: 9001 & 14001
OHSAS 18001

No: NEEPCO/KHPS/ C&P(C)/F-07 /2022-23/ 5416 Date: 09/01/2023.

To,

Sri Birensing Engti,
Supplier, Umrongso,
Dima Hasao, Assam.

1400000351/10 PR 25

Sub: Order for "Supply & deployment of 02 (Two) number Tractors for restoration work of Khandong Power House, KHPS, Umrongso".

Dear Sir,

The Corporation is pleased to place this order for Supply & deployment of 1(one) no Excavator cum Loader (JCB), and 3 (Three) numbers Tractors for restoration work of Khandong Power House, KHPS, Umrongso as per the Rates and Terms & conditions laid down below:

Sl. No.	Particulars	Unit	Qnty. Of vehicle	Quantity (days)	Rate in Rs.	Amount in Rs.
1	AS02 CC 5116, Tractor (w.e.f. 01.07.2022 to 14.08.2022) Released on 14.08.2022	Day	1	35.063	1900.00	66619.70
2	AS02 CC 1291, Tractor (w.e.f. 01.07.2022 to 15.09.2022)	Day	1	67.625	1900.00	128487.50
					Grand Total	**1,95,107.20**
					Say	**1,95,107.00**
(Rupees One Lakh Ninety Five Thousand One Hundred Seven) only.						

Terms and Conditions:

1. **Price:** The total value of the above Supply is **Rs. 1,95,107.00 (Rupees One Lakh Ninety Five Thousand One Hundred)** only excluding **GST.**
2. **No of Working Hours:** To be considered as below:

Sl. No	Working Hours	Consideration for Payment
1	Machine worked for 8 hrs. in a particular day	To be considered as Full Day of 8 hrs
2	Machine worked for more than 8 hrs. in a particular day	To be considered as Full day plus extra working hours on pro rata of per day rate
3	Machine worked for less than 8 hrs. in a particular day and balance hours idle for site restrictions without any fault of contractor	To be considered as Full Day of 8 hrs
4	Machine worked for less than 8 hrs. in a particular day and balance hour idle for breakdown of machineries	To be considered on pro rata of per day rate
5	Working hours plus idle hours (idle for site restriction without any fault of contractor) less than 8 hrs	To be considered on pro rata of per day rate
6	Full day idle for breakdown of machineries	Not to be considered for payment

3. **Taxes & Duties/Bank details:** The contract price as indicated is exclusive of GST@18%. The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.

MS(C) DM(C) M

13/01/23

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

NO. KHPS/GM(C)/HSM/T-110/2022-23/706 DTD: 07/02/23

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Cost center – 1180001884
Profit center – 1200018000

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-II/T-110/22-23/75 dtd 07/02/23	Sri Birensingh Engti	—	₹225742.00

Enclosed:- As above.

Yours faithfully

7/2/2023
General Manager (Civil)
HSM, KHPS, Umrangso

SRI BIRENSING ENGTI
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref: No. Nil

Dated :

GSTIN No 18AAXPE8785H2ZS

To,

The General Manager(C),
HSM -II, KHEP, Umrangso.

Sub:- Bill for Supply and deployment of 2 (Two) nos Tractors for restoration work of Khandong Power House, KHPS, Umrangso.

Order No. : NEEPCO/ KHPS/ C&P ©/F-07 / 2022-23/ 5416 Date. 09.01.2023

Sl No	Vehicle Number	Date of Deployment		Unit	Quantity (vehicle)	Quantity (Days)	Rate	Amount
		From	To					
1	AS 02 CC 5116 (Tractor)	01.07.2022	14.08.2022	day	1	35.063	1900.00	66619.70
2	AS 02 BC 7015 (Tractor)	01.07.2022	15.09.2022	day	1	65.625	1900.00	124687.50
	TOTAL (A)							**191307.20**
	Add CGST @ 9%							17217.65
	Add SGST @ 9%							17217.65
	Total (B)							**34435.30**

Total (A) + (B) = Rs **225742.50**

Say, Rs. 225743.00

In words : (Rupees Two lakh Twenty-five Thousand Seven hundred Forty-three) only

B.S. Engti

Place: KHEP, Umrangso

(Birensingh Engti)

P.O. No - 3700004610
SES - 1000018465

1) Bill amount verified for Rs 225743.00.00 (Rupees Two lakh Twenty-five Thousand Seve Forty-three) only including GST and found in order.

2) Period of Bill w.e.f 01.07.2022 to 15.09.2022

3) Bill recorded in bill register

4) Amount is chargeable RR & M of Khandong Power Station (0704) for the year 2022-23.

7.2.23

प्राजीत कुमार दास / P.K. Das
प्रबंधक (सी) / Manager (C)
एचएसएम / HSM
खेप, नीपको लि. उमरॉग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

7/2/23

यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरॉग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

C:W/O No. 2870

43

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

ISO 9001:2015, 14001:2015 &45001:2018

No: NEEPCO/KHPS/ C&P(C)/F- 05 /2022-23/ 2156 Date: 26/8/22.

30

To,

Sri Joysing Timung,
Contractor, Umrongso,
Dima Hasao, Assam.

प्राप्ति सं / Receipt No. 1049
दिनांक / Dtd. 29/8/22
एचएसएम / HSM
खेप, नीपको लि., उमरॉग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

Sub: Detailed Work Order for "**Construction of cement concrete drain from valve house along valve house road of Khandong Power Station, KHPS, Umrongso. (Ch:100.00m to 203.50m) Group-G.**"

Dear Sir,

Please refer to the above; The North Eastern Electric Power Corporation Ltd. is pleased to place this order for execution of the above mentioned work. The work shall be executed as per the items and rates indicated at **Annexure-I** (Bill of Quantity) under following terms and conditions.

Terms and conditions:

1. **Scope of work:** The quantities of different item of works as indicated in the enclosed **Annexure-I** (BOQ) are tentative and may undergo changes. All works are to be executed in accordance with the specifications together with BOQ and as directed by the Engineer-in-Charge.
2. **Contract Price:** The total value of the work is **Rs.10,24,255.00 (Rupees Ten Lakh Twenty Four Thousand Two Hundred Fifty Five)** only, including **GST**.
3. **Completion time: The work has been already completed on 30.06.2022.**
4. **Taxes & Duties:** The contract price of work as indicated is inclusive of applicable GST.
5. **Compensation for delay in Completion:-** The time allowed for carrying out the work as stipulated in the contract or any ex-tended period (not due to the fault of the contractor) as may be allowed shall be strictly observed by the contractor and shall be reckoned from the date on which order to commence work is given to the contractor. The work shall throughout the stipulated period of the contract be proceed with all due diligence, time being the essence of the contract on the part of the contractor. The contractor shall be liable to pay as compensation @0.5% of Contract Amount per week of delay, subjected to a maximum of 10% of the whole Contract Amount. In any case the decision of the Engineer-in-Charge in this regard is final and binding to the contractor.
6. **Security Deposit (SD):** 3% (Three percent) of work order value will be deducted as security deposit which shall be released after the end of defect liability period of 06 (Six) months from the date of completion.
7. **Payment Terms:**

   General: The payment to the contractor for performance of works under the Contract will be made by the Corporation as the guidelines and conditions specified herein.

   Terms of Payment:

   i. Interim bill shall be submitted by the contractor monthly on or after the date fixed by the Engineer- In-Charge for the work executed. The Engineer-In-Charge shall then arrange to have the bill verified with reference to the measurements recorded in the measurement book(s).
   ii. Payment on account for the amount admissible shall be made by the Engineer-In-Charge certifying the sum to which the contractor is considered entitle by way of interim payment for the work executed, after deducting the amount already paid, the security deposit and such other amount deductible in terms of the contract. Advance payment, if any, made on account of this contract shall be deducted from interim bills.
   iii. Payment of the contractor shall be made by the Corporation within 30(thirty) days from the date of submission of bills subject to the acceptance of the bills by the Engineer-In-Charge.

DM(C)
B. Longthalai
29/8/2022

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

NO. KHPS/GM(C)/HSM/T-110 /2022-23/376 DTD: 29/9/22

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1	KHPS/GM(C)/HSM/T-110 /22-23/47 dtd 28/9/22	Sri Tayeng Pinung	0301	₹ 1024255.00

Enclosed:- As above.

Yours faithfully

29/9/2022

General Manager (Civil)
HSM, KHPS, Umrangso

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
(A Govt. of India Undertaking)
HYDRAULIC STRUCTURE MAINTENANCE
KOPILI HYDRO ELECTRIC PROJECT
UMRONGSO, N.C.HILLS (ASSAM);PIN: 788931

1. Name of Contractor: -**Sri Joysing Timung**
2. Brief description of work: - Construction of dewatering drain from Valve house along valve house road of Khandong P.S, KHPS, Umrangso. (Ch:100.00m to 203.50m) Group-G

3. Work order no:- NEEPCO/KHPS/C&P(C)/F-05/2022-23/2156, dtd 26.08.2022

4. Agreement no.:- NEEPCO/KHEP/C&P(C)/F-06/2022-23/127 , dtd 29.08.2022
5. Tech Sanction no.:-
6. Reference to the item of cost estimate:- Rs 10,24,255.00 (Including GST)
7. Ownership of the work:- (whether temporary or permanent):- NEEPCO Ltd. (Pmnt.)
8. Bill no. & Date: -
9. Period of work covered by the bill:- 1st RA & final bill (from 10.04.2022 to 30.6.2022)
10. Date of completion of work as per agreement: -30.06.2022
11. Date of actual completion:- 30.06.2022
12. a) Whether extension applied:- No
    b) Whether extension granted, if so with or without liquidated damage: Does not arise.
13. Whether transit passes royalty certificate submitted:– Submitted.
    FRCC No. FRS/A/53/Pt/2021-22/1704, dtd 23.9.2022
14. Whether there is any outstanding liability against the work:- Nil
15. Whether there is any escalation clause.- No.
16. Whether site has been cleared.- Yes
17. Percentage of item of work checked by Sr. Mgr(C)/Gen. Manager ©
    i) Ordinary item: -
    ii) Spcial item: -
18. Whether store issue statement submitted. :- submitted
19. Whether store utilization statement submitted.:- submitted
20. Whether store recovery statement submitted:- submitted
21. Whether the bill has technically checked:-
22. Any point of special / reference/ attention date:- No. Asset ID : TXN No. 561
23. Connected M.B. no :-0302 KHD page 165 - 177

The above particulars have been verified and found correct and have conducted test check as follows:-

a) Ordinary item:-
b) Special item:-

29/9

28/9/2022.

Gen. Manager (C),	Sr. Manager (C),	D.M(C)
HSM-II ; KHPS	HSM-II ; KHEP	HSM-I

Works Form No. 10

H EASTERN ELECTRIC POWER CORPORATION LTD.

RUNNING ACCOUNT BILL--C

1st RA & Final Bill

(For Contractos and Suppliers. This from provide only for payment for work or Supplies actually measured.)

Book Voucher No.. ..... Dated.....

Name of Cotractor :-Sri Joysing Timung

Name of Work :-

Construction of cement concrete drain from valve house along valve house road of Khandong Power station, KHPS, Umrangso. (Ch: 100.00m to 203.50m) Group-G

Purpose of supply

Serial No of this bill :-

No and date of this last bill work :-

Reference to aggreement:-NEEPCO/KHPS/C&P(C)/F-05/2022-23/127, dtd 29.8.2022

W/O No:- NEEPCO/KHPS/C&P(C)/F-05/2022-23/2156, dtd 26.08.2022

Date of completion :-30.06.2022

1. Account of work done or Supplies made.

Unit	Quantity executed upto date as per measurement book	Item No	Items of works or supplies (grouped " under sub heads" and "sub works" of estimate)	Rate	Amount		Remarks
					Upto date	Since previous bill(Total for each sub head)	
1	2	3	4	5	6	7	8
Cu.m	294.525	1	Earth work in excavation by mechanical means .... a lead of 50m All kind of soil	216.55	63779.39		
Cu.m	59.39	2	Providing and laying cement concrete in retaining walls, ... and finishing: 4.2.3 1:2:4 (1 Cement : 2 coarse sand .. . sources)	7077.27	406164.53		
Sq.m	524.9	3	Centering and shuttering including strutting, .. form work for : Retaining walls, return walls, walls ... steps etc.	505.44	265305.46		
Cu.m	101.948	4	Filling available excavated earth .... lift upto 1.5m	191.71	19544.450		
			Sub total		754793.83		
			Add 15% overall supervision & profit		113219.07		
			Total		868012.90		
			Add @ 18% for GST.		156242.00		
				C.O :-	1024254.90		

28/9/22

NEEPCO KHPS/GM(C)/MSM-II/T-110/22-23/47 dtd 28/9/22

2	3	4	5	6	7	8
		Certified that the work has been completed as per specification and direction of the department. No labour under age of 18 years old and not more then 18 labours a day engaged in the work. No T & P materials issued against the work.	B.F:-	1024254.90		
Total value of work done or supplied to date (A)				1024254.90		
Deduct- value of work done or supplied shown on previous bill (B)				0.00		
Net value of work done or supplied since previous bill (F)				1024254.90		
			Say Rs	1024255.00		

Figure (F) in words:-(Rupees ten lakhs twenty four Thousand two hundred fifty five) Only.

II -- Certificate and Signature

The measurement were made by me on 27.09.2022 and are recorded at page 165-177 of measurement Book No. 302 KHD. No advance payment been made previously without detailed measurements.

28/9/2022

Date signature of officer preparing the bill:-

Sub division:-

.....

Thumb impression of

Dimeng

Dated signature of contractor

Date signature of officer authorising payment:-

Sub division:-

.....

यू. बोरा / U.Borah

महाप्रबंधक(सी)/ General Manager(C)

एचएसएम/HSM.

केएचपीएस, नीपको लि., उमरांगसो (असम)

KHPS, NEEPCO LTD., Umrongso (Assam)

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉंग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036
ISO: 9001 & 14001
OHSAS 18001

No: NEEPCO/KHPS/ C&P(C)/F-07 /2022-23/ 5422 Date: 09/01/2023.

To,

Sri Khagendra Hojai,
Supplier, Umrongso,
Dima Hasao, Assam.

Sub: Order for "Supply & deployment of 1(one) number Excavator cum Loader (JCB), and 3 (Three) numbers of Tractors for restoration work of Khandong Power House, KHPS, Umrongso".

Dear Sir,

The Corporation is pleased to place this order for Supply & deployment of 1(one) no Excavator cum Loader (JCB), and 3 (Three) numbers Tractors for restoration work of Khandong Power House, KHPS, Umrongso as per the Rates and Terms & conditions laid down below:

Sl. No.	Particulars	Unit	Qnty. Of vehicle	Quantity (days)	Rate in Rs.	Amount in Rs.
1	(AS01MC 9716), Excavator cum loader (JCB) (w.e.f 01.07.2022 to 15.09.2022)	Day	1	71.125	6000.00	4,26,750.00
2	(AS02 CC 4947), Tractor (w.e.f 01.07.2022 to 14.08.2022) Released on 14.08.2022	Day	1	34.00	1900.00	64,600.00
3	(AS02 DC 2294), Tractor (w.e.f. 01.07.2022 to 15.09.2022)	Day	1	68.625	1900.00	1,30,387.50
4	(AS02 CC 1291), Tractor (w.e.f. 01.07.2022 to 15.09.2022)	Day	1	62.250	1900.00	1,18,275.00
					Grand Total	**7,40,012.50**
					Say	**7,40,013.00**
					(Rupees Seven Lakh Forty Thousand Thirteen) only excluding GST	

Terms and Conditions:

1. **Price:** The total value of the above Supply is **Rs.7,40,013.00 (Rupees Seven Lakh Forty Thousand Thirteen)** only excluding **GST.**
2. **No of Working Hours:** To be considered as below:

Sl. No	Working Hours	Consideration for Payment
1	Machine worked for 8 hrs. in a particular day	To be considered as Full Day of 8 hrs
2	Machine worked for more than 8 hrs. in a particular day	To be considered as Full day plus extra working hours on pro rata of per day rate
3	Machine worked for less than 8 hrs. in a particular day and balance hours idle for site restrictions without any fault of contractor	To be considered as Full Day of 8 hrs
4	Machine worked for less than 8 hrs. in a particular day and balance hour idle for breakdown of machineries	To be considered on pro rata of per day rate
5	Working hours plus idle hours (idle for site restriction without any fault of contractor) less than 8 hrs	To be considered on pro rata of per day rate

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

GM(C)/HSM/T-110 /2022-23/ 694 DTD: 01/02/23

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM/T-110/22-23/350 dtd 01/02/23	Sri Khagendra Hojai	—	₹873215.00

Enclosed:- As above.

Yours faithfully

01/2/23

General Manager (Civil)
HSM, KHPS, Umrangso

SRI KHAGENDRA HOJAI
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref: N Nil

GSTIN No 18AIPPH8617P2ZC

Dated : 01.02.2023

To,

The General Manager(C),
HSM -II, KHEP, Umrangso.

Sub:- Bill for Supply and deployment of 1 (one) no excavator cum loader (JCB) and 3 (Three) Tractors for restoration work of Khandong Power House, KHPS, Umrangso.

Order No. : NEEPCO/ KHPS/ C&P ©/F-07 / 2022-23/ 5422 Date. 09.01.2023

Sl No	Vehicle Number	Date of Deployment		Unit	Quantity (vehicle)	Quantity (Days)	Rate	Amount
		From	To					
1	AS 01 MC 9716 (JCB)	01.07.2022	15.09.2022	day	1	71.125	6000.00	426750.00
2	AS 02 CC 4947 (Tractor)	01.07.2022	14.08.2022	day	1	34.000	1900.00	64600.00
3	AS 02 DC 2294 (Tractor)	01.07.2022	15.09.2022	day	1	68.625	1900.00	130387.50
4	AS 02 CC 1291 (Tractor)	31.03.2022	30.06.2022	day	1	62.250	1900.00	118275.00
	TOTAL (A)							**740012.50**
	Add CGST @ 9%							66601.13
	Add SGST @ 9%							66601.13
	Total (B)							**133202.25**
						Total (A) + (B)	= Rs	**873214.75**

In words : (Rupees Eight lakh Seventy-three Thousand Two hundred Fifteen) only **Say, Rs. 873215.00**

Place: KHEP, Umrangso

(Khagendra Hojai)

P.O No: 5700004611
SES : 1000018003

1) Bill amount verified for Rs 873215.00 (Rupees Eight lakh Seventy-three Thousand Two hund including GST and found in order.

2) Period of Bill w.e.f 01.07.2022 to 15.09.2022

3) Bill recorded in bill register

4) Amount is chargeable RR & M of Khandong Power Station (0704) for the year 2022-23.

प्राजीत कुमार दास / P.K. Das
प्रबंधक (सी) / Manager (C)
एचएसएम / HSM
केप, नीपको लि, उमरॉग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

1/2/23
यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरॉग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लि
NORTH EASTERN ELECTRIC POWER CORPORATIO
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
ISO: 9001 & 14001
OHSAS 18001
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) W
कोपिली जल विद्युत संयत्र, उमरॉंग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670 [illegible]249, PH 03670-288036

46

No: NEEPCO/KHPS/ C&P(C)/F-07 /2022-23/ 5440 Date: 09/01/2023.

To,

Sri P. K. Dihingia,
Supplier, Umrongso,
Dima Hasao, Assam.

1400000346/10 PR

Sub: Order for "Supply & deployment of 1(one) no Excavator cum Loader (Poclain), for restoration work of Khandong Power House, KHPS, Umrongso".

SAP Order: 3T00004609

Dear Sir,

The Corporation is pleased to place this order for Supply & deployment of 1(one) no Excavator cum Loader (Poclain) for restoration work of Khandong Power House, KHPS, Umrongso as per the Rates and Terms & conditions laid down below:

Sl. No.	Particulars	Unit	Qnty. Of vehicle	Quantity (days)	Rate in Rs.	Amount in Rs.
1	Supply of 01 (One) nos of Excavator (Poclain) (From 01.06.2022 to 30.06.2022)	Day	1	30	12667.00	380010.00
					Grand Total	**3,80,010.00**
					(Rupees Three Lakh Eighty Thousand Ten) only excluding **GST.**	

Terms and Conditions:

1. **Price:** The total value of the above Supply is **Rs.3,80,010.00 (Rupees Three Lakh Eighty Thousand Ten)** only excluding **GST.**
2. **No of Working Hours:** To be considered as below:

Sl. No	Working Hours	Consideration for Payment
1	Machine worked for 8 hrs. in a particular day	To be considered as Full Day of 8 hrs
2	Machine worked for more than 8 hrs. in a particular day	To be considered as Full day plus extra working hours on pro rata of per day rate
3	Machine worked for less than 8 hrs. in a particular day and balance hours idle for site restrictions without any fault of contractor	To be considered as Full Day of 8 hrs
4	Machine worked for less than 8 hrs. in a particular day and balance hour idle for breakdown of machineries	To be considered on pro rata of per day rate
5	Working hours plus idle hours (idle for site restriction without any fault of contractor) less than 8 hrs	To be considered on pro rata of per day rate
6	Full day idle for breakdown of machineries	Not to be considered for payment

3. **Taxes & Duties/Bank details:** The contract price as indicated is exclusive of GST@18%. The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.
4. **Payment Terms:** 100% Payment shall be paid at actual subject to submission of bill to the executing authority.

Mgr(C)/DM(C)/PK

14/01/2023

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

KHPS/GM(C)/HSM/T-110 /2022-23/ 697 DTD: 01/02/23

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-II/ T-110/22-23/348 dtd 31/01/23	Sri P.K Bihingia	—	₹440012.00

Enclosed:- As above.

Yours faithfully

General Manager (Civil) 1/2/23
HSM, KHPS, Umrangso

Mr. P.K.Dihingia
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref: No. Nil

Dated : _____

GSTIN No 18AGMPD5618D1ZJ

To,

The General Manager(C),
HSM - II, KHEP, Umrangso.

Sub:- Bill for Supply & deployment of 1 (One) no Excavator cum Loader (Pocklain) for restoration work of Khandong Power House, KHPS, Umrangso.

W.O:- NEEPCO/KHPS/C&P(C)/F-07/2022-2023/ 5440, dtd 09.01.2023

Sl No	Particulars	Date of Deployment From	Date of Deployment To	Unit	Quantity of vehicles	Quantity (Days)	Rate (In Rs.)	Amount (In Rs.)
1	Supply of 1 (One) no of Excavator (Pocklain)	01.06.2022	30.06.2022	day	1	29.438	12667.00	372891.15
	TOTAL (A)							372891.15
	Add CGST @ 9%							33560.20
	Add SGST @ 9%							33560.20
	Total (B)							67120.41
							Total (A) + (B) =	**440011.55**
							Say, Rs.	**440012.00**

In words : (Rupees Four lakh Forty Thousand Zero hundred Twelve) only

Place: KHEP, Umrangso

(P.K.Dihingiai)

O/C
P.O. no. 3700004609
SES 10000 17961
31/01/2023

1) Bill amount verified for Rs 440012.00 (Rupees Four lakh Forty Thousand Zero hundred Twelve) only including GST and found in order.

2) Period of Bill w.e.f 01.06.2022 to 30.06.2022

3) Bill recorded in bill register

4) Amount is chargeable RR & M of Khandong Power Station (0704) for the year 2022-23.

31.1.23

प्राजीत कुमार दास / P.K. Das
प्रबंधक (सी) / Manager (C)
एचएसएम / HSM
खेप, नीपको लि. उमरॉंग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

31/01/23

यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरॉंग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमि
NORTH EASTERN ELECTRIC POWER CORPORATIO
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
ISO: 9001 & 14001
OHSAS 18001
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) V
कोपिली जल विद्युत संयत्र, उमरॉग्सो, डिमा हसाओ, असम-7889
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03 03670-288036

47

No: NEEPCO/KHPS/ C&P(C)/F-07 /2022-23/ 5410 Date: 09/01/2023.

To,

Sri Sunny Hojai,
Supplier, Umrongso,
Dima Hasao, Assam.

Sub: Order for "Supply & deployment of 1(one) no Excavator cum Loader (JCB), for restoration work of Khandong Power House, KHPS, Umrongso".

Dear Sir,

The Corporation is pleased to place this order for Supply & deployment of 1(one) no Excavator cum Loader (JCB) for restoration work of Khandong Power House, KHPS, Umrongso as per the Rates and Terms & conditions laid down below:

Sl. No.	Particulars	Unit	Qnty. Of vehicle	Quantity (days)	Rate in Rs.	Amount in Rs.
1	ML 04D 2895, JCB (w.e.f.01.07.2022 to 15.09.2022)	Day	1	73.156	6000.00	438936.00
					Grand Total	**4,38,936.00**
(Rupees Four Lakh Thirty Eight Thousand Nine Hundred Thirty Six) only excluding **GST**						

PR No - 1400009481/10
SAP order No. - 3700004608

Terms and Conditions:

1. **Price:** The total value of the above Supply is **Rs.4,38,936.00 (Rupees Four Lakh Thirty Eight Thousand Nine Hundred Thirty Six)** only excluding **GST.**
2. **No of Working Hours:** To be considered as below:

Sl. No	Working Hours	Consideration for Payment
1	Machine worked for 8 hrs. in a particular day	To be considered as Full Day of 8 hrs
2	Machine worked for more than 8 hrs. in a particular day	To be considered as Full day plus extra working hours on pro rata of per day rate
3	Machine worked for less than 8 hrs. in a particular day and balance hours idle for site restrictions without any fault of contractor	To be considered as Full Day of 8 hrs
4	Machine worked for less than 8 hrs. in a particular day and balance hour idle for breakdown of machineries	To be considered on pro rata of per day rate
5	Working hours plus idle hours (idle for site restriction without any fault of contractor) less than 8 hrs	To be considered on pro rata of per day rate
6	Full day idle for breakdown of machineries	Not to be considered for payment

3. **Taxes & Duties/Bank details:** The contract price as indicated is exclusive of GST@18%. The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.
4. **Payment Terms:** 100% Payment shall be paid at actual subject to submission of bill to the executing authority.

Mgr.(C)/DM(C)
13/01/23

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

NO. KHPS/GM(C)/HSM/T-110/2022-23/696 DTD: 01/02/23

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM.II/T-110/22-23/347 dtd 31/01/23	Sri Sunny Mopai	—	₹ 503784.00

Enclosed:- As above.

Yours faithfully

General Manager (Civil)
HSM, KHPS, Umrangso

SRI SUNNY HOJAI
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref: N Nil

Dated : 31/01/23

GSTIN No 18ADYPH7598D2ZP

To,

The General Manager(C),
HSM - II, KHEP, Umrangso.

Sub:- Bill for "Supply and deployment- of 01 (one) no Excavator cum Loader (JCB) for restoration work of Khandong Power House, KHPS, Umrongso."

Supply Order No.:- NEEPCO/KHPS/C&P ©/ F-07/2022-23/ 5410 Date. 09.01.2023

Sl No	Vehicle Number	Date of Deployment		Unit	Quantity of vehicles	Quantity (days)	Rate in Rs,	Amount in Rs.
		From	To					
1	ML 04 D 2895, JCB	01.07.2022	15.09.2022	day	1	71.156	6000.00	426936.00
	TOTAL (A)							426936.00
	Add CGST @ 9%							38424.24
	Add SGST @ 9%							38424.24
	Total (B)							76848.48

Total (A) + (B) = **503784.48**

Say, Rs. **503784.00**

In words : (Rupees Five lakh Three Thousand Seven hundred Eighty-four) only

Place: KHEP, Umrangso

(Sunny Hojai)

P.O. SBI 10000 17987 37000 04608

21/1/23

1)Bill verified for Rs 503784.00 (Rupees Five lakh Three Thousand Seven hundred Eighty-four) only including GST and found in order.

2) Period of Bill w.e.f 01.07.2022 to 15.09.2022

3)Bill recorded in bill register

4) Amount is chargeable RR & M of Khandong Power Station (0704) for the year 2022-23.

31/01/23

प्राजीत कुमार दास / P.K. Das
प्रबंधक (सी) / Manager (C)
एचएसएम / HSM
खेप, नीपको लि., उमरोंगसो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

31/01/23

यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM
केएचपीएस, नीपको लि., उमरोंगसो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

HSD in Ltrs	From
50	1610
50	1618
50	1625
50	1633
50	1639
50	1645

07-2022
02-07-2022
03-07-2022
04-07-2022
05-07-2022

ISO: 9001 & 14001
OHSAS 18001

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन
NORTH EASTERN ELECTRIC POWER CORPOR
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTER
Website: www.neepco.co.in ::CIN:U40101ML1976GO
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMEN
कोपिली जल विद्युत संयत्र, उमरॉन्गसो, डिमा हसाओ, अस
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931
3240, PH 03670-288036

No: NEEPCO/KHPS/ C&P(C)/F-07 /2022-23/ 5519 Date: 20/01/2023,

To,

Sri Markose Teron,
Supplier, Umrongso,
Dima Hasao, Assam.

1400000345 /10 → PR.
SAP PO NO:- 3700004607

Sub: Order for "Supply & Deployment of 01(one) no Excavator cum Loader (JCB) & 01 (One) no Tractor for restoration work of Khandong Intake, KHPS, Umrongso".

Dear Sir,

The Corporation is pleased to place this order for Supply & Deployment of 01(one) no Excavator cum Loader (JCB) & 01 (One) no Tractor for restoration work of Khandong Intake, KHPS, Umrongso as per the Rates and Terms & conditions laid down below:

Sl. No.	Particulars	Unit	Qnty	Rate in Rs.	Amount in Rs.
1	Supply & Deployment of 01(one) no Excavator cum Loader (JCB) for restoration work of Khandong Intake, KHPS, Umrongso	Day	30	6000.00	180000.00
2	Supply & Deployment 01 (One) no Tractor for restoration work of Khandong Intake, KHPS, Umrongso	Day	30	1900.00	57000.00
				Grand Total	**2,37,000.00**
				(Rupees Two Lakh Thirty Seven Thousand) only excluding GST	

Terms and Conditions:

1. **Price:** The total value of the above Supply is **Rs.2,37,000.00 (Rupees Two Lakh Thirty Seven Thousand)** only excluding **GST.**
2. **No of Working Hours:** To be considered as below:

Sl. No	Working Hours	Consideration for Payment
1	Machine worked for 8 hrs. in a particular day	To be considered as Full Day of 8 hrs
2	Machine worked for more than 8 hrs. in a particular day	To be considered as Full day plus extra working hours on pro rata of per day rate
3	Machine worked for less than 8 hrs. in a particular day and balance hours idle for site restrictions without any fault of contractor	To be considered as Full Day of 8 hrs
4	Machine worked for less than 8 hrs. in a particular day and balance hour idle for breakdown of machineries	To be considered on pro rata of per day rate
5	Working hours plus idle hours (idle for site restriction without any fault of contractor) less than 8 hrs	To be considered on pro rata of per day rate
6	Full day idle for breakdown of machineries	Not to be considered for payment

3. **Taxes & Duties/Bank details:** The contract price as indicated is exclusive of GST@18%. The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.

21/01/2023

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

NO. KHPS/GM(C)/HSM/T-110/2022-23/695 DTD: 01/02/23

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	NHPS/GM(C)/HSM-II T-110 d/22-23/346 dtd 31/01/23	Sri Markas Teron	—	₹ 279660.00

Enclosed:- As above.

Yours faithfully

General Manager (Civil)
HSM, KHPS, Umrangso

SRI MARKOSE TERON
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

r: No. Nil

GSTIN No 18AUWPT6759P1ZZ

Dated : 31/01/23

To,

The General Manager(C),
HSM -II, KHEP, Umrangso.

Sub:- Bill for Supply and deployment of 1 (one) no excavator cum loader (JCB) and 1(One) no Tractor for restoration work of Khandong Intake, KHPS, Umrangso.

Order No. : NEEPCO/ KHPS/ C&P ©/F-07 / 2022-23/ 5519 Date. 20.01.2023

Sl No	Vehicle Number	Date of Deployment		Unit	Quantity (Days)	Rate	Amount
		From	To				
1	Supply & deployment of 01(one) no Excavator cum loader (JCB) (AS 02 AJ 4320)	15.11.2022	18.12.2022	day	30	6000.00	180000.00
2	Supply & deployment of 01(one) no Tractor (AS 25 EC 5116)	15.11.2022	22.12.2022	day	30.000	1900.00	57000.00
	TOTAL (A)						**237000.00**
	Add CGST @ 9%						21330.00
	Add SGST @ 9%						21330.00
	Total (B)						**42660.00**
						Total (A) + (B)	**279660.00**

Say, Rs. 279660.00

In words : (Rupees Two lakh Seventy-Nine Thousand Six hundred Sixty) only

Place: KHEP, Umrangso

30/01/23
(Markose Teron)

B/C

P.O. No. 37 00 00 4607
RES 10000 17991

31/01/23

SRI MA
Supplie
Dima H

actor:

Sl. No	SAC Code	
		Supply a

Customer Name : KHEP, N
CustomerGSTIN : 18AAAC

1) Bill amount verified for Rs 279660.00 (Rupees Two lakh Seventy-Nine Thousand Six hu
only including GST and found in order.

2) Period of Bill w.e.f 15.11.2022 to 22.12.2022

3) Bill recorded in bill register

4) Amount is chargeable RR & M of Khandong Power Station (0704) for the year 2022-23.

31.1.23

प्राजीत कुमार दास / P.K. Das
प्रबंधक (सी) / Manager (C)
एचएसएम / HSM
खेप, नीपको लि. उमरॉंगसो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

31/01/23

यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरॉंगसो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

No: NEEPCO/KHPS/ C&P(C)/F- 05 /2022-23/ 4464 Date: 22/11/22.

To,

Sri Dabiang Lapasam,
Contractor, Umrongso,
Dima Hasao, Assam.

PO No- 3700004797
SBS : 1000019688

Sub: Detailed Work Order for **"Construction of temporary bamboo foot bridge at the trash rack area Khandong Intake, Khandong PS, KHPS, Umrongso, Dima Hasao."**

Dear Sir,

Please refer to the above; The North Eastern Electric Power Corporation Ltd. is pleased to place this order for execution of the above mentioned work. The work shall be executed as per the items and rates indicated at **Annexure-I** (Bill of Quantity) under following terms and conditions.

Terms and conditions:

1. **Scope of work:** The quantities of different item of works as indicated in the enclosed **Annexure-I** (BOQ) are tentative and may undergo changes. All works are to be executed in accordance with the specifications together with BOQ and as directed by the Engineer-in-Charge.
2. **Contract Price:** The total value of the work is **Rs.95,398.00 (Rupees Ninety Five Thousand Three Hundred Ninety Eight)** only exclusive **GST.**
3. **Completion time:** Time of completion for the work is 10 (Ten) days from the date of issue of this order/hand over the site.
4. **Taxes & Duties:** The contract price of work as indicated is exclusive of applicable GST.
5. **Payment Terms: Security**
   General: The payment to the contractor for performance of works under the Contract will be made by the Corporation as the guidelines and conditions specified herein.
   Terms of Payment:
   i. Interim bill shall be submitted by the contractor monthly on or after the date fixed by the Engineer- In-Charge for the work executed. The Engineer-In-Charge shall then arrange to have the bill verified with reference to the measurements recorded in the measurement book(s).
   ii. Payment on account for the amount admissible shall be made by the Engineer-In-Charge certifying the sum to which the contractor is considered entitle by way of interim payment for the work executed, after deducting the amount already paid, the security deposit and such other amount deductible in terms of the contract. Advance payment, if any, made on account of this contract shall be deducted from interim bills.
   iii. Payment of the contractor shall be made by the Corporation within 30(thirty) days from the date of submission of bills subject to the acceptance of the bills by the Engineer-In-Charge.
6. **Paying Authority**: The Paying Authority would be DGM (F), KHPS NEEPCO Ltd. Umrongso.
7. **Engineer in Charge:** for the above mentioned works shall be the GM (C), HSM-II, KHPS, NEEPCO Ltd., Umrongso, Dima Hasao, Assam, Pin: 788931
8. **FRCC:** Advance Forest Royalty is to be paid by the contractor against the work to the following Council PLA with an intimation to the DFO, Dima Hasao Forest Division (West), Haflong:

K- Deposit and Advance, (b) Deposit not bearing interest 8443 Civil Deposit, 120 Deposit of Autonomous Dist. and Regional fund (Assam), (ii) N.C. Hills Dist. Council

9. **Price Adjustment/Escalation:** No escalation shall be payable against this work and no claim in this respect shall be entertained.

ISO 9001:2015,
14001:2015
&45001:2018

...ट्रक पावर कॉरपोरेशन लिमिटेड
...STERN ELECTRIC POWER CORPORATION L
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉन्गसो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

P/C = 1200019

50

No: NEEPCO/KHPS/ C&P(C)/F- 05 /2022-23/ 5239 **Date:** 27/12/2022

To,

Sri Dabiang Lapasam,
Contractor, Umrongso,
Dima Hasao, Assam.

39

Sub: Detailed Work Order for **"Construction of temporary bamboo bridge along HP Tunnel from valve house and Surge Shaft pit of Khandong P.S., KHPS Umrongso, Dima Hasao."**

SES : 1000019698
P.O No-3700004802

Dear Sir,

With reference to the above; The North Eastern Electric Power Corporation Ltd. is pleased to place this order for executed of the above mentioned work. The work shall be executed as per the items and rates indicated at **Annexure-I** (Bill of Quantity) under following terms and conditions.

Terms and conditions:

1. **Scope of work:** The quantities of different item of works as indicated in the enclosed **Annexure-I** (BOQ) are tentative and may undergo changes. All works are to be executed in accordance with the specifications together with BOQ and as directed by the Engineer-in-Charge.
2. **Contract Price:** The total value of the work is **Rs.97,227.00 (Rupees Ninety Seven Thousand Two Hundred Twenty Seven)** only exclusive **GST.**
3. **Completion time:** The contractor has already completed the work on 09.10.2022.
4. **Taxes & Duties:** The contract price of work as indicated is exclusive of applicable GST.
5. **Payment Terms: Security**

   General: The payment to the contractor for performance of works under the Contract will be made by the Corporation as the guidelines and conditions specified herein.

   Terms of Payment:

   i. Interim bill shall be submitted by the contractor monthly on or after the date fixed by the Engineer- In-Charge for the work executed. The Engineer-In-Charge shall then arrange to have the bill verified with reference to the measurements recorded in the measurement book(s).
   ii. Payment on account for the amount admissible shall be made by the Engineer-In-Charge certifying the sum to which the contractor is considered entitle by way of interim payment for the work executed, after deducting the amount already paid, the security deposit and such other amount deductible in terms of the contract. Advance payment, if any, made on account of this contract shall be deducted from interim bills.
   iii. Payment of the contractor shall be made by the Corporation within 30(thirty) days from the date of submission of bills subject to the acceptance of the bills by the Engineer-In-Charge.
6. **Paying Authority**: The Paying Authority would be DGM (F), KHPS NEEPCO Ltd. Umrongso.
7. **Engineer in Charge**: for the above mentioned works shall be the GM (C), HSM, KHPS, NEEPCO Ltd., Umrongso, Dima Hasao, Assam, Pin: 788931
8. **FRCC:** Advance Forest Royalty is to be paid by the contractor against the work to the following Council PLA with an intimation to the DFO, Dima Hasao Forest Division (West), Haflong:

   K- Deposit and Advance,
   (b) Deposit not bearing interest 8443 Civil Deposit,
   120 Deposit of Autonomous Dist. and Regional fund (Assam), (ii) N.C. Hills Dist. Council

9. **Price Adjustment/Escalation:** No escalation shall be payable against this work and no claim in this respect shall be entertained.

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

NO. KHPS/GM(C)/HSM/ T-110 /2022-23/ 732

DTD: 23/02/23

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Cost center – 1180001884
Profit center – 12000 18000

T-110

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-II/ T-110/22-23/23 dtd 22/02/23	Sri Dabiang Lapasam	0302	₹ 94,695.00
2/	KHPS/GM(C)/HSM-II/ T-110/22-23/24 dtd 22/02/23	Sri Dabiang Lapasam	0302	₹ 97,227.00

Enclosed:- As above.

Yours faithfully

23/02/23

General Manager (Civil)
HSM, KHPS, Umrangso

...g Lapasam

Construction of temporary bamboo bridge at trash rack of Khandong Intake, Khandong P.S, KHPS, Umrangso.

...rder no:- NEEPCO/KHPS/C&P(C)/T -05/2022-23/4464, dtd 22.11.2022.

4. Agreement no.:- NEEPCO/KHEP/C&P(C)/F-06/2020-21/
5. Tech Sanction no.:-
6. Reference to the item of cost estimate:- Rs 95398.00 (excluding GST)
7. Ownership of the work:- (whether temporary or permanent):- NEEPCO Ltd. (Temp.)
8. Bill no. & Date: -
9. Period of work covered by the bill:- 1st RA and final bill
10. Date of completion of work as per agreement: -10.12.2022
11. Date of actual completion:- 10.12.2022
12. a) Whether extension applied:- Does not arise.
    b) Whether extension granted, if so with or without liquidated damage.
13. Whether transit passes royalty certificate submitted:– Does not arise
14. Whether there is any outstanding liability against the work:- Nil
15. Whether there is any escalation clause.- No.
16. Whether site has been cleared.- Yes
17. Percentage of item of work checked by Sr. M.(C)/Dy. Gen. Manager ©
    i) Ordinary item: -
    ii) Spcial item: -
18. Whether store issue statement submitted. :- Does not arise
19. Whether store utilization statement submitted.:- Does not arise
20. Whether store recovery statement submitted:- Does not arise
21. Whether the bill has technically checked:-
22. Any point of special / reference/ attention date:- No.
23. Connected M.B. no :- 0302 KHD page 186-191

The above particulars have been verified and found correct and have conducted test check as follows:-

a) Ordinary item:- %
b) Special item:-

Gen. Manager (C),
HSM-II ; KHEP

4/2/2023
Manager (C),
KHEP-I

PO: 3700004797

SES: 1000019688

21/2/2023

...TRIC POWER CORPORATION LTD.

...UNT BILL--C 1st RA & Final Bill.

...his form provide only for payment for work or Supplies actually measured.)

...tor :-Sri Dabiang Lapasam ..... Dated.....

Work :- Construction of temporary bamboo bridge at trash rack of Khandong Intake, Khandong P.S, KHPS, Umrangso.

Purpose of supply

Serial No of this bill :-

No and date of this last bill work :-

Reference to aggreement:-NEEPCO/KHEP/C&P(C)/F-06/ , dtd.

W/O No:- No. NEEPCO/KHEP/C&P(C)/T -05/2021-22/4464, dtd 22.11.2022

Date of actual completion :- 10.12.2022

1. Account of work done or Supplies made.

Unit	Quantity executed or Supplied upto date as per measurement book	Item No	Items of works or supplies (grouped " under sub heads" and "sub works" of estimate)	Rate	Amount		Remarks
					Upto date	Since previous bill(Total for each sub head)	
1	2	3	4	5	6	7	8
No.	230	1	Supply of baboo at Trash rack area . . complete.	150.00	34500.00		
		2	Supply of Labour charges. . . . . Surge shaft pit				
Nos	29.00		Skill labour	625.00	18125.00		
nos	65.00		Un Skill labour	443.00	28795.00		
kg	30.00	3	Cost of Coir Rope for binding bamboo.	120.00	3600.00		
				Sub-Total	85020.00		
		4	Add 2.5% for T & P on 46920		1173.00		
		5	Add 10% overall supervision and profit sub total Rs 85020		8502.00		
			Add 18% GST	Total	94695.00		
	Certified that the work is under progress & has been done as per specification and direction of the department. No labour under age of 18 years old and not more then 18 labours a day engaged in the work. No T & P materials issued against the work.				0.00		
Total value of work done or supplied to date (A)					94695.00		
Deduct- value of work done or supplied shown on previous bill (B)					Nil		
Net value of work done or supplied since previous bill (F)					94695.00		
				Say Rs	94695.00		
Figure (F) in words:- Rupees (ninety four thousand six hundred ninety five) Only							

II -- Certificate and Signature

The measurement were made by me on 04.02.2023 and are recorded at page 186 -191 of measurement Book No.0302. No advance payment been made previously without detailed measurements.

Date signature of officer preparing the bill:- 4/2/2023

Sub division:- उप-प्रबंधक (सी) / Dy. Manager (C)
एचएसएम / HSM
खेप,नीपको लि.,उमरांगसो , असम
KHEP, NEEPCO Ltd., Umrangso, Assam

.....

Thumb impression of

Dated signature of contractor D-Lapasam

Date signature of officer authorising payment:-

Sub division:-

.....

...biang Lapasam

...ork: - Providing temporary bamboo bridge along HP tunnel from valve house portal to Surge shaft of Khandong P.S, KHPS, Umrangso.

...rk order no:- NEEPCO/KHPS/C&P(C)/T -05/2022-23/5239, dtd 27.12.2022.

4. Agreement no.:- NEEPCO/KHEP/C&P(C)/F-06/2020-21/
5. Tech Sanction no.:-
6. Reference to the item of cost estimate:- Rs 97227.00 (excluding GST)
7. Ownership of the work:- (whether temporary or permanent):- NEEPCO Ltd. (Temp.)
8. Bill no. & Date: -
9. Period of work covered by the bill:- 1st RA and final bill
10. Date of completion of work as per agreement: -09.10.2022
11. Date of actual completion:- 09.10.2022
12. a) Whether extension applied:- Does not arise.
    b) Whether extension granted, if so with or without liquidated damage.
13. Whether transit passes royalty certificate submitted:– Does not arise
14. Whether there is any outstanding liability against the work:- Nil
15. Whether there is any escalation clause.- No.
16. Whether site has been cleared.- Yes
17. Percentage of item of work checked by Sr. M.(C)/Dy. Gen. Manager ©
    i) Ordinary item: -
    ii) Spcial item: -
18. Whether store issue statement submitted. :- Does not arise
19. Whether store utilization statement submitted.:- Does not arise
20. Whether store recovery statement submitted:- Does not arise
21. Whether the bill has technically checked:-
22. Any point of special / reference/ attention date:- No.
23. Connected M.B. no :- 0302 KHD page 180-185

The above particulars have been verified and found correct and have conducted test check as follows:-

a) Ordinary item:- %
b) Special item:-

15/2

Gen. Manager (C),
HSM-II ; KHEP

21/2/2022

Manager (C),
KHEP-I

PO : 3700004802

SES : 1000019698

21/4/23

उप-प्रबंधक (सी) / Dy. Manager (C)
KHEP, NEEPCO Ltd., Umrangso, Assam

Form No. 10

EASTERN ELECTRIC POWER CORPORATION LTD.

RUNNING ACCOUNT BILL--C

1st RA & Final Bill.

Contractos and Suppliers. This form provide only for payment for work or Supplies actually measured.)

Cash Book Voucher No.. ..... Dated.....

Name of Cotractor :-Sri Dabiang Lapasam

Name of Work :- Providing temporary bamboo bridge along HP tunnel from valve house portal to Surge shaft of Khandong P.S, KHPS, Umrangso.

Purpose of supply

Serial No of this bill :-

No and date of this last bill work :-

Reference to aggreement:-NEEPCO/KHEP/C&P(C)/F-06/ , dtd.

W/O No:- No. NEEPCO/KHPS/C&P(C)/T -05/2022-23/5239, dtd 27.12.2022.

Date of actual completion :-9.10.2022

1. Account of work done or Supplies made.

Unit	Quantity executed or Supplied upto date as per measurement book	Item No	Items of works or supplies (grouped " under sub heads" and "sub works" of estimate)	Rate	Amount		Remarks
					Upto date	Since previous bill(Total for each sub head)	
1	2	3	4	5	6	7	8
No.	290	1	Supply of baboo at Trash rack area .... complete.	150.00	43500.00		
kg	60.00	2	Cost of Coir Rope for binding bamboo.	120.00	7200.00		
Kg	5.00	3	Nails	120.00	600.00		
		4	Supply of Labour charges ..... Surge shaft pit				
Nos	24		Skill labour	625.00	15000.00		
nos	48		Un Skill labour	443.00	21264.00		
				Sub-Total	87564.00		
		4	Add 2.5% for T & P on labour charges		906.60		
		5	Add 10% for Overall supervision charges & profit		8756.40		
			C.O:-	Total	97227.00		

		4	5	6	7	8
		B.F :-		97227.00		
	Add 18% GST			0.00		
	Certified that the work has been completed as per direction of the department. No labour under age of 18 years old and not more then 18 labours a day engaged in the work. No T & P materials issued against the work. Bammbo purchased from personal cultivated land, so royalty for bammbo not necessary.					
Total value of work done or supplied to date		(A)		97227.00		
Deduct- value of work done or supplied shown on previous bill		(B)		Nil		
Net value of work done or supplied since previous bill		(F)		97227.00		
			Say Rs	97227.00		
Figure (F) in words:- Rupees (niety seven thousand two hundred hundred twenty seven) Only						

II -- Certificate and Signature

The measurement were made by me on 30.12.2022 and are recorded at page 180-185 of measurement Book No.0302 KHD. No advance payment been made previously without detailed measurements.

Date signature of officer preparing the bill:- 2/1/2022

Sub division:-

उप-प्रबंधक (सी) / Dy. Manager (C)
एचएसएम / HSM
खेप, नीपको.लि., उमरॉंग्सो , असम
KHEP, NEEPCO Ltd., Umrangso, Assam

Thumb impression of

Date signature of officer authorising payment:-

Sub division:-

Dated signature of contractor

D-Lapasam

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नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
9001 & 14001
ISAS 18001
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

19

No: NEEPCO/KHPS/C&P (C)/F-07/2022-2023/ 3088 Date: 13/10/22

To,

Sri Dabiang Lapasam,
Supplier/Contractor, Iooksi,
West Jaintia Hills, Meghalaya-793150.

प्रति सं / Receipt No. 1254
दि. तिथि / Dtd. 18/10/22
एचएसएम / HSM
खेप, नीपको लि., उमरॉग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

Sub: Order for **"Engagement of Unskilled labour in different work related to restoration of Khandong Power Station and Stage-II Power Station, KHPS, Umrongso Assam". (From 01.07.2022 to 31.08.2022).**

Dear Sir,

With reference to the above, the Corporation is pleased to confirm the order for Engagement of Unskilled labour in different work related to restoration of Khandong Power Station and Stage-II Power Station, KHPS, Umrongso, Dima Hasao, Assam as per the rates, terms & condition mentioned bellow:

Sl. No.	Description	Unit	Qnty	Rate (INR)	Amount (INR)
1	Supply of Unskilled labour w.e.f 01.07.2022 to 31.08.2022	Mandays	788.50	500.00	394250.00
2				Add 2.5% for T&P	9856.25
3				Add 10% for Contractor's Profit	39425.00
				Sub Total Rs.	**443531.25**
				Add 18%GST	79835.63
				G. Total	**523366.88**
				Say Rs.	**5,23,367.00**
				(Rupees Five Lakh Twenty Three Thousand Three Hundred Sixty Seven) only	

Terms and conditions:

1. **Scope of work**: The essence of this contract is to Engagement of Unskilled labour in different work related to restoration of Khandong Power Station and Stage-II Power Station, KHPS, Umrongso (from 01.07.2022) or any other works assigned by Engineer in charge.

2. **Contract Price & Payment**: The total value of the contract is **Rs.5,23,367.00 (Rupees Five Lakh Twenty Three Thousand Three Hundred Sixty Seven)** only inclusive of GST as applicable.

3. **Bank Details/Taxes & Duties:** The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.

4. **Paying Authority:** The paying authority would be DGM (F), KHPS, NEEPCO Ltd., Umrongso.

5. **Engineer In-charge:** The Engineer In-charge would be GM (C), HSM, KHPS.

6. **Compliance of regulations:** The contractor shall comply with all the rules and regulations prevailing within the region, state and the country.

Yours faithfully,

GM (C), C&P
KHPS, NEEPCO Ltd., Umrongso.

Manager (C) for notice.

18.10.2022

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

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M(C)/HSM/T-110 /2022-23/ 443 DTD: 17/10/22

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/G.M(C)/HSM-II/ T-110/22-23/53 dtd 17/10/22	Dabiang Lapasam	—	₹ 443531/-

Enclosed:- As above.

Yours faithfully

17/10/2022

General Manager (Civil)
HSM, KHPS, Umrangso

...is has reference to his approval ...
...nd information please.
...mation and necessary action please.
...tion and necessary action please.
...r information please.
GM (C), C&P
17/10

SRI DABIANG LAPASAM
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref: No. Nil Dated : 17.10.2022

GSTIN No 18GHEPS7091L1ZG

To,

The General Manager(C),
HSM - II, KHEP, Umrangso.

Sub:- Submission of bill for " Engagement of unskilled labour in different work related to restoration of Khandong Power Station & Stage - II Power Station, KHPS, NEEPCO Ltd., Umrongso, Assam . (From 01.07.2022 to 31.08.2022)

Order No.: NEEPCO/KHPS/C&P(C)/F-07/2022-23/ 3088 , dtd 13.10.2022

Sl No	Particulars of works	Unit	Quantity (In days)	Rate	Amount
1	Supply of unskilled labour (From 01.07.2022 to 31.08.2022)	Man days	788.5	500.00	394250.00
	Add 2.5 % for T&P				9856.25
	Add 10% for contractors profit				39425.00
	Total amount in Rs.				443531.25

Say, Rs. **443531.00**

In words : (Rupees Four lakh Forty- Three Thousand Five hundred Thirty-one) only

Place: KHEP, Umrangso

(Dabiang Lapasam)

Divn bill no KHPS/GM(C)/MSM-II/T-110/22-23/58

1) Bill amount verified for Rs 443531.00 (Rupees Four lakh Forty-three Thousand five hundred Thirty-one) only exclusing GST and found in order.

2) Period of Bill w.e.f 01.07.2022 to 31.08.2022

3) Bill recorded in bill register

4) Amount is chargeable for the year 2022-23.

(i) Stage - II Power Station (0702) = 1,09,969.00 (195.5 Nos.)

(ii) Khandong Power Station R R & M (0704)= 3,33,562.00 (593 Nos.)

17.10.22
प्राजीत कुमार दास / P.K. Das
प्रबंधक (सी) / Manager (C)
एचएसएम / HSM
खेप, नीपको लि. उमरांग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

17/10/2022
यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरॉग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

.e	Quantity of unskill labour	
.022.07.01	15	Kha Umr
2022.07.02	12	Kha Umr Valv
2022.07.03	4	Kha Umr
2022.07.04	9	Valv Kha Umr Valv

...or removal & cleaning of silt
...x 25 MW) KHPS, Umrongso.
...g Lapasam

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

No. NEEPCO/KHPS/C&P (C)/F-07/2022-2023/ 3082 Date: 13/10/22

To,

N. E. Green Energy,
Supplier, House No:149,
Tamulbari, Jorhat-785616
Phone No: 7002013587

प्रति सं / Receipt No. 1253
दिनांक / Dtd. 18/10/22
KHEP, NEEPCO Ltd., Umrongso, Assam

Sub: Order for "**Engagement of Unskilled labour in different work related to restoration of Khandong Power Station and Stage-II Power Station, KHPS, Umrongso Assam". (From 01.07.2022 to 31.08.2022).**

Dear Sir,

With reference to the above, the Corporation is pleased to confirm the order for Engagement of Unskilled labour in different work related to restoration of Khandong Power Station and Stage-II Power Station, KHPS, Umrongso, Dima Hasao, Assam as per the rates, terms & condition mentioned bellow:

Sl. No.	Description	Unit	Qnty	Rate (INR)	Amount (INR)
1	Supply of Unskilled labour w.e.f 01.07.2022 to 31.08.2022	Mandays	1194	500.00	597000.00
				Add 2.5% for T&P	14925.00
				Add 10% for Contractor's Profit	59700.00
				Sub Total Rs.	**671625.00**
				Add 18%GST	120892.50
				G. Total	**7,92,517.50**
				Say Rs.	**7,92,518.00**
(Rupees Seven Lakh Ninety Two Thousand Five Hundred Eighteen) only					

Terms and conditions:

1. **Scope of work:** The essence of this contract is to Engagement of Unskilled labour in different work related to restoration of Khandong Power Station and Stage-II Power Station, KHPS, Umrongso (from 01.07.2022) or any other works assigned by Engineer in charge.

2. **Contract Price & Payment**: The total value of the contract is **Rs.7,92,518.00 (Rupees Seven Lakh Ninety Two Thousand Five Hundred Eighteen)** only inclusive of GST as applicable.

3. **Bank Details/Taxes & Duties:** The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.

4. **Paying Authority:** The paying authority would be DGM (F), KHPS, NEEPCO Ltd., Umrongso.

5. **Engineer In-charge:** The Engineer In-charge would be GM (C), HSM, KHPS.

6. **Compliance of regulations:** The contractor shall comply with all the rules and regulations prevailing within the region, state and the country.

Yours faithfully,

GM (C), C&P
KHPS, NEEPCO Ltd., Umrongso.

Manager (C) for rec'd.
18.10.2022

THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

(C)/HSM/T-110/2022-23/ 435 DTD: 17/10/22

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-II/T-110/22-23/52 dtd 15/10/22	N.E. Green Energy	—	₹ 792518.00

Enclosed:- As above.

Yours faithfully

15/10/2022

General Manager (Civil)
HSM, KHPS, Umrangso

HOUSE N0 149
TAMULBARI
JORHAT – 785616
PHONE NO: 7002013587
Email: negreenenergyassam@gmail.com

GREEN
ENERGY

TAX INVOICE	GSTIN: 18GHEPS7091L1ZG
Invoice No: NEGE/NEEPCO/22-23/0008 Invoice Date: 14/10/2022 State code: 18	Place of supply: KHANDONG POWER HOUSE Date of supply: 1/07/2022 to 31/08/2022 Order No: NEEPCO/KHPS/C&P/F-07/2022-23/3082 Order date: 13/10/2022
Bill to Party	**Ship to Party**
Name: The General Manager (C) , HSM Address: KHPS, NEEPCO Ltd., Umrongso Dima Hasao, Assam-788931 GSTIN: 18AAACN9991J2ZQ State: Assam	Name: The General Manager (C) , HSM Address: KHPS, NEEPCO Ltd., Umrongso Dima Hasao, Assam-788931 GSTIN: 18AAACN9991J2ZQ State: Assam

Sl No	Description of Supply	HSN CODE	Quantity	Rate	Amount
1	Supply of Unskilled labour w.e.f. 01.07.2022 to 31.08.2022	998519	1194	500	597000.00
Total Invoice Amount including GST in Word				Add 2.5% for T&P	14925.00
Seven lakh ninety two thousand five hundred eighteen rupees only				Add 10% for contractor's Profit	59700.00
				Total excluding GST	671625.00
				GST (18%)	120892.00
Bank details				Grand Total including GST	7,92,518.00

Name: N E Green Energy
Bank Account No: 40930617608
IFSC: SBIN0004573
MICR No: 785002502
Name of bank: State Bank of India
Branch: Borhalla, Jorhat, Assam, 785631
PAN No: GHEPS7091L

Certified that the particulars given above are true and correct

For N E Green Energy

N.E. GREEN ENERGY

Authorized Signatory

① Bill amount verified for Rs ...
(Rupees Seven lakh Ninety two thousand ... Hundred Eighteen) only including GST amount found in order

② Period of Bill w.e.f - 01.07.2022 to 31.08.2022

③ Bill recorded in bill register

④ Amount is chargeable for the year 2022-23

(I) Stage - II Power Station (0702):
= 1,50,008.00 (126 Nos)

(II) Kameng Power Station (KPS I M/0704)
= 6,42,510.00

15.10.22

प्राजीत कुमार दास / P.K. Das
प्रबंधक (सी) / Manager (C)
एचएसएम / HSM
खेप, नीपको लि. उमरॉंग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरॉंग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
ISO: 9001 & 14001
OHSAS 18001
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉंग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

No: NEEPCO/KHPS/ C&P(C)/F-07 /2022-23/ 2136 Date: 26/8/2022.

To,

Smt. Karishma Beypi,
Supplier, Umrongso,
Dima Hasao, Assam.

Sub: Order for "Supply & deployment of 1(one) no Excavator cum Loader (JCB) for restoration work of Khandong Power House, KHPS, Umrongso from 05.04.2022 to 30.06.2022".

Dear Sir,

The Corporation is pleased to place this order for Supply & deployment of 1(one) no Excavator cum Loader (JCB) for restoration work of Khandong Power House, KHPS, Umrongso as per the Rates and Terms & conditions laid down below:

Sl. No.	Particulars	Unit	Qnty. Of vehicle	Quantity (days)	Rate in Rs.	Amount in Rs.
	Supply of 1(One) no. of Excavator (JCB) (From 05.04.2022 to 30.06.2022).	Day	1	87x1.1	6000.00	5,74,200.00
					Grand Total	5,74,200.00
						(Rupees Five Lakh Seventy Four Thousand Two Hundred) only.

Terms and Conditions:

1. **Price:** The total value of the above Supply is **Rs.5,74,200.00 (Rupees Five Lakh Seventy Four Thousand Two Hundred)** only excluding **GST.**
2. **No of Working Hours:** To be considered as below:

Sl. No	Working Hours	Consideration for Payment
1	Machine worked for 8 hrs. in a particular day	To be considered as Full Day of 8 hrs
2	Machine worked for more than 8 hrs. in a particular day	To be considered as Full day plus extra working hours on pro rata of per day rate
3	Machine worked for less than 8 hrs. in a particular day and balance hours idle for site restrictions without any fault of contractor	To be considered as Full Day of 8 hrs
4	Machine worked for less than 8 hrs. in a particular day and balance hour idle for breakdown of machineries	To be considered on pro rata of per day rate
5	Working hours plus idle hours (idle for site restriction without any fault of contractor) less than 8 hrs	To be considered on pro rata of per day rate
6	Full day idle for breakdown of machineries	Not to be considered for payment

3. **Taxes & Duties/Bank details:** The contract price as indicated is exclusive of GST@18%. The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.

प्रति वां / Rec'd No. 1042 दिनांक / Dtd 29/8/22
KHEP, NEEPCO Ltd. Umrangso, Assam

DM(C)
PD for n/a

29/8/2022

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

NO. KHPS/GM(C)/HSM/T-110/2022-23/321 DTD: 6/9/22

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM/T-110/22-23/32 dtd 05/9/22	Smt Harishma Baypi	—	₹633915.00

Enclosed:- As above.

Yours faithfully

6/9/22

General Manager (Civil)
HSM, KHPS, Umrangso

Smt. Karishma Beypi
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref: No. Nil

Dated : 02.09.2022

GSTIN No 18CNJPB5590E1ZY

To,

The General Manager(C),
HSM - II, KHEP, Umrangso.

Sub:- Bill for Supply & deployment of 1 (One) no Excavator cum Loader (JCB) for restoration work of Khandong Power House, KHPS, Umrangso. (From 05.04.2022 to 30.06.2022)

W.O:- NEEPCO/KHPS/C&P(C)/F-07/2022-2023/ 2136, dtd 26.08.2022

Sl No	Particulars	Date of Deployment		Unit	Quantity of vehicles	Quantity (Days)	Rate (In Rs.)	Amount (In Rs.)
		From	To					
1	Supply of 1 (One) no of Excavator (JCB) (From 05.04.2022 to 30.06.2022)	05.04.2022	30.06.2022	day	1	89.536	6000.00	537216.00
	TOTAL (A)							537216.00
	Add CGST @ 9%							48349.44
	Add SGST @ 9%							48349.44
	Total (B)							96698.88

Total (A) + (B) **633914.88**

Say, Rs. 633915.00

In words : (Rupees Six lakh Thirty- Three Thousand Nine hundred Fifteen) only

Place: KHEP, Umrangso

(Karishma Beypi)

Divn Bill No KHPS/GM(C)/HSM/9-110/22-23/32 dtd 05/9/22

1) Bill amount verified for Rs 633915.00 (Rupees Six lakh Thirty-three Thousand Nine hundred Fifteen) only including GST and found in order.

2) Period of Bill w.e.f 02.04.2022 to 31.05.2022

3) Bill recorded in bill register

4) Amount is chargeable RR & M of Khandong Power Station (0704) for the year 2022-23.

6/9/22
पी.एस.चंदा / P.S. Chanda
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरॉंग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

5.9.22
प्राजीत कुमार दास / P.K. Das
प्रबंधक (सी) / Manager (C)
एचएसएम / HSM
खेप, नीपको लि. उमरॉंग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

55

C/WO NO 2869

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

&45001:2018

No: NEEPCO/KHPS/ C&P(C)/F- 05 /2022-23/ 2082 Date: 24/8/22.

(14)

To,

Sri Jonny Warisa,
Contractor, Umrongso,
Dima Hasao, Assam.

Sub: Detailed Work Order for **"Construction of dewatering drain from Valve House road of Khandong P.S., KHPS, Umrongso (Ch 0.00m to 100.00m) Group-F."**

Dear Sir,

Please refer to the above; The North Eastern Electric Power Corporation Ltd. is pleased to place this order for execution of the above mentioned work already executed by you. The work shall be executed as per the items and rates indicated at **Annexure-I** (Bill of Quantity) under following terms and conditions.

Terms and conditions:

1. **Scope of work:** The quantities of different item of works as indicated in the enclosed **Annexure-I** (BOQ) are tentative and may undergo changes. All works are to be executed in accordance with the specifications together with BOQ and as directed by the Engineer-in-Charge.
2. **Contract Price:** The total value of the work is **Rs.6,92,773.00 (Rupees Six Lakh Ninety Two Thousand Seven Hundred Seventy Three)** only, excluding **GST**.
3. **Completion time: The work has been already completed on 12.06.2022.**
4. **Taxes & Duties:** The contract price of work as indicated is exclusive of applicable GST.
5. **Compensation for delay in Completion:-** The time allowed for carrying out the work as stipulated in the contract or any ex-tended period (not due to the fault of the contractor) as may be allowed shall be strictly observed by the contractor and shall be reckoned from the date on which order to commence work is given to the contractor. The work shall throughout the stipulated period of the contract be proceed with all due diligence, time being the essence of the contract on the part of the contractor. The contractor shall be liable to pay as compensation @0.5% of Contract Amount per week of delay, subjected to a maximum of 10% of the whole Contract Amount. In any case the decision of the Engineer-in-Charge in this regard is final and binding to the contractor.
6. **Security Deposit (SD):** 3% (Three percent) of work order value will be deducted as security deposit which shall be released after the end of defect liability period of 06 (Six) months from the date of completion.
7. **Payment Terms:**
   General: The payment to the contractor for performance of works under the Contract will be made by the Corporation as the guidelines and conditions specified herein.
   Terms of Payment:
   i. Interim bill shall be submitted by the contractor monthly on or after the date fixed by the Engineer- In-Charge for the work executed. The Engineer-In-Charge shall then arrange to have the bill verified with reference to the measurements recorded in the measurement book(s).
   ii. Payment on account for the amount admissible shall be made by the Engineer-In-Charge certifying the sum to which the contractor is considered entitle by way of interim payment for the work executed, after deducting the amount already paid, the security deposit and such other amount deductible in terms of the contract. Advance payment, if any, made on account of this contract shall be deducted from interim bills.
   iii. Payment of the contractor shall be made by the Corporation within 30(thirty) days from the date of submission of bills subject to the acceptance of the bills by the Engineer-In-Charge.
8. **Extra work/ substitute item:** In case extra work/substitute item is required to be executed for successful completion of the work the contractor shall execute the same and rate shall be decided mutually.

DM(C) for n/c
B. Longchalen

27.08.2022

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

GM(C)/HSM/T-110/2022-23/375 DTD: 29/9/22

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-II/T-110/22-23/44 dtd 27/9/22	Sri Jonny Warisa	4167	₹8174724/-

Enclosed:- As above.

Yours faithfully

General Manager (Civil)
HSM, KHPS, Umrangso

NORTH EASTERN ELECRTIC POWER CORPORATION LIMITED
(A Govt. of India Undertaking)
HYDRAULIC STRUCTURE MAINTENANCE
KOPILI HYDRO ELECTRIC PROJECT
UMRONGSO, N.C.HILLS (ASSAM);PIN: 788931

Contractor: -**Sri Jonny Warisa**

description of work: - Construction of dewatering drain from Valve house road of Khandong P.S, KHPS, Umrangso. (Ch:0.00m to 100.00m) Group-F

3. Work order no:- NEEPCO/KHPS/C&P(C)/F-05/2022-23/2082, dtd 024.08.2022

4. Agreement no.:- NEEPCO/KHEP/C&P(C)/F-06/2022-23/ 122 , dtd 29.8.2022
5. Tech Sanction no.:-
6. Reference to the item of cost estimate:- Rs 817472.00 (Including GST)
7. Ownership of the work:- (whether temporary or permanent):- NEEPCO Ltd. (Pmnt.)
8. Bill no. & Date: -
9. Period of work covered by the bill:- 1st RA & final bill (from 10.04.2022 to 12.6.2022)
10. Date of completion of work as per agreement: -12.06.2022
11. Date of actual completion:- 12.06.2022
12. a) Whether extension applied:- No
    b) Whether extension granted, if so with or without liquidated damage: Does not arise.
13. Whether transit passes royalty certificate submitted:– Not Submitted. Undertaking to submit FRCC within 30 days is submitted.
14. Whether there is any outstanding liability against the work:- Nil
15. Whether there is any escalation clause.- No.
16. Whether site has been cleared.- Yes
17. Percentage of item of work checked by Sr. Mgr(C)/Gen. Manager ©
    i) Ordinary item: -
    ii) Spcial item: -
18. Whether store issue statement submitted. :- submitted
19. Whether store utilization statement submitted.:- submitted
20. Whether store recovery statement submitted:- submitted
21. Whether the bill has technically checked:-
22. Any point of special / reference/ attention date:- No.
23. Connected M.B. no :-4167 page 105 - 113

The above particulars have been verified and found correct and have conducted test check as follows:-

a) Ordinary item:-
b) Special item:-

28/9

Gen. Manager (C),
HSM-II ; KHPS

Sr. Manager (C),
HSM-II ; KHEP

27/9/2022

D.M(C)
HSM-I

No. 10

TERN ELECTRIC POWER CORPORATION LTD.

RUNNING ACCOUNT BILL--C 1st RA & Final Bill

tos and Suppliers. This from provide only for payment for work or Supplies actually measured.)

No.. ..... Dated.....

ctor :-Sri Jonny Warisa

Construction of dewatering drain from Valve house road of Khandong P.S, KHPS, Umrangso. (Ch:0.00m to 100.00m) Group-F

e of supply

l No of this bill :-

o and date of this last bill work :-

Reference to aggreement:-NEEPCO/KHPS/C&P(C)/F-06/2022-23/ 122 dtd 29.8..2022

W/O No:- NEEPCO/KHPS/C&P(C)/F-05/2022-23/2082, dtd 24.8.2022

Date of completion :-12.06.2022

1. Account of work done or Supplies made.

Unit	Quantity executed upto date as per measurement book	Item No	Items of works or supplies (grouped " under sub heads" and "sub works" of estimate)	Rate	Amount		Remarks
					Upto date	Since previous bill(Total for each sub head)	
1	2	3	4	5	6	7	8
Cu.m	157.500	1	Earth work in excavation by mechanical means .... a lead of 50m All kind of soil	216.55	34106.63		
Cu.m	48.500	2	Providing and laying cement concrete in retaining walls, ... and finishing: 4.2.3 1:2:4 (1 Cement : 2 coarse sand ... sources)	7077.27	343247.6		
Sq.m	420.000	3	Centering and shuttering including strutting, .. form work for : Retaining walls, return walls, walls ... steps etc.	505.44	212284.8		
Cu.m	66.625	4	Filling available excavated earth .... lift upto 1.5m	191.71	12772.68		
			Sub total		602411.71		
			Add 15% overall supervision & profit		90361.75		
			Total		692773.46		
				Say	692773.00		
			Add @ 18% for GST.		124699.00		
				C.O :-	817472.00		

		4	5	6	7	8
		Certified that the work has been completed as per specification and direction of the department. No labour under age of 18 years old and not more then 18 labours a day engaged in the work. No T & P materials issued against the work.	B.F:-	817472.00		
ue of work done or supplied to date (A)				817472.00		
uct- value of work done or supplied shown on previous bill (B)				0.00		
Net value of work done or supplied since previous bill (F)				817472.00		
			Say Rs			

Figure (F) in words:-(Rupees eight lakhs seventeen Thousand four hundred seventy two) Only.

II -- Certificate and Signature

The measurement were made by me on 27.09.2022 and are recorded at page 105-113 of measurement Book No. 4167. No advance payment been made previously without detailed measurements.

27/9/2022

Date signature of officer preparing the bill:-

Sub division:-

.....

Thumb impression of

Jonny Wanisa

Dated signature of contractor

Date signature of officer authorising payment:-

Sub division:-

.....

27/9

यू. बोरा / U.Boran

महाप्रबंधक(सी)/ General Manager(C)

एचएसएम/HSM.

केएचपीएस, नीपको लि., उमरोंग्सो (असम)

KHPS, NEEPCO LTD., Umrongso (Assam)

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
ISO: 9001 & 14001
OHSAS 18001
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

(13) 30/10

56

No: NEEPCO/KHPS/C&P (C)/F-07/2022-2023/ 1070 **Date:** 27/6/2022.

To,

Sri Dabiang Lapasam,
Supplier/Contractor, Iooksi,
West Jaintia Hills,
Meghalaya-793150

प्रति सं / Receipt No. 826
दिनांक / Dtd 28/06/22
एचएसएम / HSM
खेप, नीपको लि., उमरॉग्सो (असम)
KHEP, NEEPCO Ltd., Umrangso, Assam
Phone No:9365516160

Sub: Order for **"Supply of unskilled labour for removal and clearing of slush and debris from Khandong Power House and Stage-II Power Station for restoration of Power Stations at KHPS, Umrongso, Dima Hasao, Assam".**

Dear Sir,

With reference to the above, the Corporation is pleased to confirm the order for Supply of unskilled labour for removal and clearing of slush and debris from Khandong Power House and Stage-II Power Station for restoration of Power Stations at KHPS, Umrongso, Dima Hasao, Assam as per the rates, terms & condition mentioned bellow:

Sl. No.	Description	Unit	Qnty in days	Rate (INR)	Amount (INR)
1	Supply of Unskilled Labour (From 01.04.2022 to 30.06.2022)	Mandays	1196	500.00	598000.00
			Add 2.5% for T&P	2.5%	14950.00
			Add 10% for contractor's Profit	10%	59800.00
				G. Total	**6,72,750.00**
(Rupees Six Lakh Seventy Two Thousand Seven Hundred Fifty) only excluding GST					

Terms and conditions:

1. **Scope of work**: The essence of this contract is to Supply of unskilled labour for removal and clearing of slush and debris from Khandong Power House and Stage-II Power Station for restoration of Power Stations at KHPS, Umrongso, Dima Hasao, Assam (from 14.04.2022) or any other works assigned by Engineer in charge.
2. **Contract Price & Payment**: The total value of the contract is **Rs. 6,72,750.00 (Rupees Six Lakh Seventy Two Thousand Seven Hundred Fifty)** only exclusive of GST as applicable.
3. **Bank Details/Taxes & Duties:** The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.
4. **Paying Authority:** The paying authority would be DGM (F), KHPS, NEEPCO Ltd., Umrongso.
5. **Engineer In-charge:** The Engineer In-charge would be GM (C), HSM, KHPS.
6. **Compliance of regulations:** The contractor shall comply with all the rules and regulations prevailing within the region, state and the country.

Shri B. Conmaikhi, DMM, KL
28/06

Yours faithfully,

GM (C), C&P
KHPS, NEEPCO Ltd., Umrongso.

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

NO. KHPS/GM(C)/HSM/T-27/2022-23/ 199 DTD: 04/07/22

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

File-110

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM/HSM/22-23/290 dtd 04/07/22	Sri Dabiang Lapasam	—	672750.00

Enclosed:- As above.

Yours faithfully

04/07/22

General Manager (Civil)
HSM, KHPS, Umrangso

DABIANG LAPASAM

CONTRACTOR & ORDER SUPPLIER
UMRANGSO, DIMA HASAO
ASSAM

GSTIN::

Bill

To,

Dated 02.07.2022

The Gen. Manager (C)
HSM-II, KHPS NEEPCO LTD
Umrangso

Sub:-

Submission of bill for " supply unskill for removal & cleaning of slush, debris from both Khandong and Stage-II Power House for restoration of Power House, KHPS, Umrangso (period from 01.04.2022 to 30.06.22)

Work order No :-NEEPCO/KHPS/C&P©/F-07/2022-2023/1070, dated 27.06.2022.

Sl. No.	Particulars of works	Unit	Quantity in days	Rate	Amount
1	Supply of un skilled labour (From 29.03.2022 to 30.06.2022)	Mandays	1196	500	598000.00
	Add 2.5% for T& P			2.50%	14950.00
	Add 10% for contractors profit			10.00%	59800.00
	Total Amount in Rs			-	672750.00
				Total	672750.00

(Rupees six Lakhs seventy two thousand seven Hundred fifty) only.

Dabiang Lapasam
02-7-22
(Dabiang Lapasam)

1. Bill Amount is verified for Rs. 672750.00 (Rupees six Lakh seventy two Thousand seven Hundred fifty) excluding GST and found to be in order.
2. Work in progress & bill for the period 01**.04.2022 to 30.06.2022**
3.Bill recorded in the bill register.
4. Amount is chargeable to ~~R & M of~~ Khandong P.S (0704)" during the year 2022-23.

a) R & M of ~~Khandong~~ Khandong PS (0704) = 524745.
b) O & M of Stage-II PS (702) = 148005.
Tx Rs. 672750.00

21/7/2022

21/7/22

टि. लिंगडोह / T. Lyngdoh
महाप्रबंधक (सि) / G.M (C)
एचएसएम / HSM
खेप, नीपको लि., उमरांगसो (असम)
KHEP, NEEPCO LTD., Umrongso(Assam)

Date	Quantity o
01.4.2022	
02.4.2022	
03.4.2022	
04.4.2022	
05.4.2022	
06.4.2022	

...our supply fo... and Stage-II Po... ...so (From 1.4.2022 ... ...K order No :-NEEPCO/K... ...ntractor:- Sri Dabiang Lapa...

T-107

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
ISO: 9001 & 14001
OHSAS 18001
सी एण्ड पी (सी) स्कंध CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 0367-288240, PH 0367-288036

रसीद सं / Receipt No. 827
दिनांक / Dtd. 28/06/22
खेप, नीपको लि., उमरॉग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

704-80
707
2070

No: NEEPCO/KHPS/C&P (C)/F-07/2022-2023/ 1045 **Date:** 27/06/22

To,

N. E. Green Energy,
Supplier, House No 149,
Tamulbari, Jorhat-785616
Phone No: 7002013587

(10) 57

Email: negreenergyassam@gmail.com

Sub: Order for "**Supply of unskilled labour for removal and clearing of slush and debris from Khandong Power House and Stage-II Power Station for restoration of Power Stations at KHPS, Umrongso, Dima Hasao, Assam".**

Dear Sir,

With reference to the above, the Corporation is pleased to confirm the order for Supply of unskilled labour for emoval and clearing of slush and debris from Khandong Power House and Stage-II Power Station for restoration of ower Stations at KHPS, Umrongso, Dima Hasao, Assam as per the rates, terms & condition mentioned bellow:

Sl. No.	Description	Unit	Qnty in days	Rate (INR)	Amount (INR)
1	Supply of Unskilled Labour (From 14.04.2022 to 30.06.2022)	Mandays	2170	500.00	1085000.00
			Add 2.5% for T&P	2.5%	27125.00
			Add 10% for contractor's Profit	10%	108500.00
				G. Total	**12,20,625.00**
(Rupees Twelve Lakh Twenty Thousand Six Hundred Twenty Five) only excluding GST					

Terms and conditions:

1. **Scope of work**: The essence of this contract is to Supply of unskilled labour for removal and clearing of slush and debris from Khandong Power House and Stage-II Power Station for restoration of Power Stations at KHPS, Umrongso, Dima Hasao, Assam (from 14.04.2022) or any other works assigned by Engineer in charge.
2. **Contract Price & Payment**: The total value of the contract is **Rs.12,20,625.00 (Rupees Twelve Lakh Twenty Thousand Six Hundred Twenty Five)** only exclusive of GST as applicable.
3. **Bank Details/Taxes & Duties:** The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.
4. **Paying Authority:** The paying authority would be DGM (F), KHPS, NEEPCO Ltd., Umrongso.
5. **Engineer In-charge:** The Engineer In-charge would be GM (C), HSM, KHPS.
6. **Compliance of regulations:** The contractor shall comply with all the rules and regulations prevailing within the region, state and the country.

Yours faithfully,

GM (C), C&P
KHPS, NEEPCO Ltd., Umrongso.

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

KHPS/GM(C)/HSM/7-27/2022-23/ 194

DTD: 04/07/22

File - 110

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
~~1~~ ~~HSM/GM/C~~ 1/	KHPS/GM/HSM 22-23/289 dtd 04/07/22	M.E. GREEN ENERGY	—	₹1284688.75

Enclosed:- As above.

Yours faithfully

04/07/22

General Manager (Civil)
HSM, KHPS, Umrangso

ufkrzi / Receipt No. 862
fe=dku / Dtd. 04/07/22
KHEP, NEEPCO Ltd. Umrongso, Assam

HOUSE NO 149
TAMULBARI
JORHAT – 785616
PHONE NO: 7002013587
Email: negreenenergyassam@gmail.co

EEN
RGY

INVOICE	GSTIN: 18GHEPS7091L1ZG
oice No: NEGE/NEEPCO/22-23/0001 nvoice Date: 02/07/2022 State code: 18	Place of supply: KHANDONG POWER HOUSE Date of supply: 14/04/2022 to 30/06/2022 Order No: NEEPCO/KHPS/C&P/F-07/2022-23/1045 Order date: 27/06/2022

Bill to Party	Ship to Party
Name: The General Manager (C) , HSM Address: KHPS, NEEPCO Ltd., Umrongso Dima Hasao, Assam-788931 GSTIN: 18AAACN9991J2ZQ State: Assam	Name: The General Manager (C) , HSM Address: KHPS, NEEPCO Ltd., Umrongso Dima Hasao, Assam-788931 GSTIN: 18AAACN9991J2ZQ State: Assam

Sl No	Description of Supply	HSN CODE	Quantity	Rate	Amount
1	Supply of Unskilled labour for removal and cleaning of slush and debris from Khandong Power house and Stage-II PowerStation restoration of Power stations at KHPS, Umrongso, Dima Hasao, Assam	998519	1935.5	500	9677500

Total Invoice Amount including GST in Word		
Twelve lakh eighty four thousand six hundred eighty eight seventy five paise only	Add 2.5% for T&P	24193.75
	Add 10% for contractor's Profit	967750.00
	Total excluding GST	1088718.75
	GST (18%)	195970.00
Bank details	Grand Total including GST	1284688.75

Name: N E Green Energy
Bank Account No: 40930617608
IFSC: SBIN0004573
MICR No: 785002502
Name of bank: State Bank of India
Branch: Borhalla, Jorhat, Assam, 785631
PAN No: GHEPS7091L

Certified that the particulars given above are true and correct

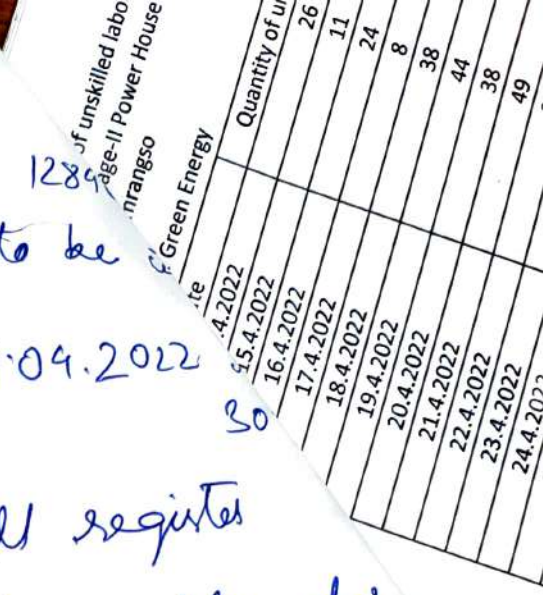
For N E Green Energy

GREEN ENERGY N.E.

Authorized Signatory

1. Bill amount verified for 1284
including GST and found to be
order
2. Bill for the period 14.04.2022
3. Bill recorded in the bill registe
4. Bill amount to be chargeable for
R>M Khandong P.S (0704) the year 2022-23

21/7/2022



21/7/22

टि. लिंगडोह / T. Lyngdoh
महाप्रबंधक (सि) / G.M (C)
एचएसएम / HSM
खेप, नीपको लि., उमरॉंग्सो (असम)
KHEP, NEEPCO LTD., Umrongso(Assam)

T-107

नीपको NEEPCO

ISO: 9001 & 14001
OHSAS 18001

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

No: NEEPCO/KHPS/C&P (C)/F-07/2022-2023/ 1123 **Date:** 28/6/22

58

To,

Sri Khagendra Hojai,
Contractor, Umrongso,
Dima Hasao, Assam.

Phone No:8811888600

Sub: Order for "**Supply of unskilled labour for removal and clearing of slush and debris from Khandong Power House and Stage-II Power Station for restoration of Power Stations at KHPS, Umrongso, Dima Hasao, Assam".**

Dear Sir,

With reference to the above, the Corporation is pleased to confirm the order for Supply of unskilled labour for removal and clearing of slush and debris from Khandong Power House and Stage-II Power Station for restoration of Power Stations at KHPS, Umrongso, Dima Hasao, Assam as per the rates, terms & condition mentioned bellow:

Sl. No.	Description	Unit	Qnty in days	Rate (INR)	Amount (INR)
1	Supply of Unskilled Labour (From 29.03.2022 to 30.06.2022)	Man-day	2675.50	500.00	13,37,750.00
			Add 2.5% for T&P	2.5%	33444.00
			Add 10% for contractor's Profit	10%	133775.00
				G. Total	**15,04,969.00**
(Rupees Fifteen Lakh Four Thousand Nine Hundred Sixty Nine) only excluding GST					

Terms and conditions:

1. **Scope of work**: The essence of this contract is to Supply of unskilled labour for removal and clearing of slush and debris from Khandong Power House and Stage-II Power Station for restoration of Power Stations at KHPS, Umrongso, Dima Hasao, Assam (from 29.03.2022) or any other works assigned by Engineer in charge.
2. **Contract Price & Payment**: The total value of the contract is **Rs. 15,04,969.00 (Rupees Fifteen Lakh Four Thousand Nine Hundred Sixty Nine)** only exclusive of GST as applicable.
3. **Bank Details/Taxes & Duties:** The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.
4. **Paying Authority:** The paying authority would be DGM (F), KHPS, NEEPCO Ltd., Umrongso.
5. **Engineer In-charge:** The Engineer In-charge would be GM (C), HSM, KHPS.
6. **Compliance of regulations:** The contractor shall comply with all the rules and regulations prevailing within the region, state and the country.

(1) Shri B Lapmeitei, DM (F) } Please process
(2) Shri P.K. Das, DM (F) } & put up.
01/7

Yours faithfully,

Sr. M.(C), C&P
KHPS, NEEPCO Ltd., Umrongso.

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

NO. KHPS/GM(C)/HSM/ T.110/2022-23/ 211 DTD: 08/07/22

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Sub: Submission of works Bill/P.~~O.L Bills~~

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM/HSM-II 22-23/292 dtd 08/07/22	Sri Khagendra Hojai	—	₹1735650.00

Enclosed:- As above.

Yours faithfully

11/7/2022

General Manager (Civil)
HSM, KHPS, Umrangso

000637

KHAGENDRA HOJAI

CONTRACTOR & ORDER SUPPLIER
UMRANGSO, DIMA HASAO
ASSAM

GSTIN::18AIPPH8617P2ZC

Bill

Dated 07.07.2022

The Gen. Manager (C)
HSM-II, KHPS NEEPCO LTD
Umrangso

Sub:- Submission of bill for " supply unskill for removal & cleaning of slush, debris from both Khandong and Stage-II Power House for restoration of Power House, KHPS, Umrangso (period from 29.03.2022 to 30.06.22)

Work order No :-NEEPCO/KHPS/C&P©/F-07/2022-2023/1123, dated 28.06.2022.

Sl. No.	Particulars of works	Unit	Quantity in days	Rate	Amount
1	Supply of un skilled labour (From 29.03.2022 to 30.06.2022)	Man days	2660	500	1330000.00
	Add 2.5% for T& P			2.50%	33250.00
	Add 10% for contractors profit			10.00%	133000.00
	Total Amount in Rs				1496250.00
	Add SGST 9%				119700.00
	Add CGST 9%				119700.00
					1735650.00

(Rupees seventeen Lakhs thirty five thousand six Hundred fifty) only.

07/07/2022
(Khagendra Hojai)

7. 04/04/22 | 29 Nos | — do — | 8 Nos labour working

1. Amount verified for Rs. 17,35,650.00 (Rupees seventeen Lakhs thirty five thousa... Hundred fifty) including GST and found to be in order.

2. Bill for the period 29.**03.2022 to 30.06.2022**

3.Bill recorded in the bill register.

4. Amount is chargeable for the year 2022-23.

1. Stage-II Power Station (0702) =		371369.00
2. Khandong Power Station R & M (0704) =		1364281.00
	T=	1735650.00

7/7/2022

उप-प्रबंधक (सी) / Dy. Manager (C)
एचएसएम / HSM
खेप,नीपको लि.,उमरॉंग्सो , असम
KHEP, NEEPCO Ltd., Umrangso, Assam

11.07.2022

उप-महाप्रबंधक (सी) / D.G.M. (C)
एचएसएम / HSM – II
खेप,नीपको लि.,उमरॉंग्सो , असम
KHEP, NEEPCO Ltd., Umrangso, Assam

SRI KHAGENDRA HOJAI
: Umrangso
: Dima Hasao, Assam
EPCO/KHPS/C&P©/F-07/2022-2023/11
28.06.2022.

Tax I

Customer Name : KHEP, NEEPCO Ltd
Customer GSTIN : 18AAACN9991J2ZQ

Particulars of	
ply unskill for removal	

SAC Code	
	bath Kh

C/O. No. 2871

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

ISO 9001:2015, 14001:2015 &45001:2018

60

No: NEEPCO/KHPS/ C&P(C)/F- 05 /2022-23/ 2040 Date: 24/8/2022

To,

Smt. Hena Bala Hasnu,
Contractor, Umrongso,
Dima Hasao, Assam.

(V/ID - H0081)

28

Sub: Detailed Work Order for **"Construction of Stone Masonry Retaining wall at upstream of Khandong P.S. at KHPS, Umrongso."**

Dear Sir,

Please refer to the above; The North Eastern Electric Power Corporation Ltd. is pleased to place this order for executed of the above mentioned work. The work shall be executed as per the items and rates indicated at **Annexure-I** (Bill of Quantity) under following terms and conditions.

Terms and conditions:

1. **Scope of work:** The quantities of different item of works as indicated in the enclosed **Annexure-I** (BOQ) are tentative and may undergo changes. All works are to be executed in accordance with the specifications together with BOQ and as directed by the Engineer-in-Charge.
2. **Contract Price:** The total value of the work is **Rs.21,21,471.00 (Rupees Twenty One Lakh Twenty One Thousand Four Hundred Seventy One)** only, including **GST**.
3. **Completion time: The work has been completed on 07.07.2022.**
4. **Taxes & Duties:** The contract price of work as indicated is inclusive of applicable GST.
5. **Compensation for delay in Completion:-** The time allowed for carrying out the work as stipulated in the contract or any ex-tended period (not due to the fault of the contractor) as may be allowed shall be strictly observed by the contractor and shall be reckoned from the date on which order to commence work is given to the contractor. The work shall throughout the stipulated period of the contract be proceed with all due diligence, time being the essence of the contract on the part of the contractor. The contractor shall be liable to pay as compensation @0.5% of Contract Amount per week of delay, subjected to a maximum of 10% of the whole Contract Amount. In any case the decision of the Engineer-in-Charge in this regard is final and binding to the contractor.
6. **Security Deposit (SD):** 3% (Three percent) of work order value will be deducted as security deposit which shall be released after the end of defect liability period of 06 (Six) months from the date of completion.
7. **Payment Terms:**

   General: The payment to the contractor for performance of works under the Contract will be made by the Corporation as the guidelines and conditions specified herein.

   Terms of Payment:

   i. Interim bill shall be submitted by the contractor monthly on or after the date fixed by the Engineer- In-Charge for the work executed. The Engineer-In-Charge shall then arrange to have the bill verified with reference to the measurements recorded in the measurement book(s).
   ii. Payment on account for the amount admissible shall be made by the Engineer-In-Charge certifying the sum to which the contractor is considered entitle by way of interim payment for the work executed, after deducting the amount already paid, the security deposit and such other amount deductible in terms of the contract. Advance payment, if any, made on account of this contract shall be deducted from interim bills.
   iii. Payment of the contractor shall be made by the Corporation within 30(thirty) days from the date of submission of bills subject to the acceptance of the bills by the Engineer-In-Charge.
8. **Extra work/ substitute item:** In case extra work/substitute item is required to be executed for successful completion of the work the contractor shall execute the same and rate shall be decided mutually.

DM(C)
For r/a
B. Longmadai

27/8/2022

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

G/GM(C)/HSM/T-110/2022-23/334 DTD: 16/9/22

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1	KHPS/GM(C)/HSM -11/22-28/35 dtd 16/9/22	Sri Hema Bala Hasm	3379	₹ 2121415.00

Enclosed:- As above.

Yours faithfully

16/9/2022

General Manager (Civil)
HSM, KHPS, Umrangso

...N EASTERN ELECTRIC POWER CORPORATION LIMITED
(A Govt. of India Undertaking)
HYDRAULIC STRUCTURE MAINTENANCE
KOPILI HYDRO ELECTRIC PROJECT
UMRONGSO, N.C.HILLS (ASSAM);PIN: 788931

...e of Contractor: - Sri Hena Bala Hasnu

2. Brief description of work: - Construction of Stone masonry retaining wall at upstream of Khandong Power Station, KHPS, Umrangso.

3. Work order no:- NEEPCO/KHPS/C&P(C)/F-05/2022-23/2040, dtd 24.8.2022

4. Agreement no.:- NEEPCO/KHEP/C&P(C)/F-06/2022-23/ 119, dtd 29.8.2022
5. Tech Sanction no.:-
6. Reference to the item of cost estimate:- Rs 21,21,415.00 (Including GST)
7. Ownership of the work:- (whether temporary or permanent):- NEEPCO Ltd. (Pmnt.)
8. Bill no. & Date: -
9. Period of work covered by the bill:- 1st RA bill (from 05.04.2022 to 07.7.2022)
10. Date of completion of work as per agreement: -7.7.2022
11. Date of actual completion:- 7.7.2022
12. a) Whether extension applied:- No
    b) Whether extension granted, if so with or without liquidated damage: Does not arise.
13. Whether transit passes royalty certificate submitted:–Submitted
    Vide No. FRS/A/53/Pt/2021-22/1542, dtd 08.09.2022.
14. Whether there is any outstanding liability against the work:- Nil
15. Whether there is any escalation clause.- No.
16. Whether site has been cleared.- Yes
17. Percentage of item of work checked by Sr. Mgr(C)/Dy. ~~Gen.~~ Manager ©
    i) Ordinary item: -
    ii) Spcial item: - } 100 %
18. Whether store issue statement submitted. :- submitted
19. Whether store utilization statement submitted.:- submitted
20. Whether store recovery statement submitted:- submitted
21. Whether the bill has technically checked:-
22. Any point of special / reference/ attention date:- No.
23. Connected M.B. no :-3379 page 124 - 140

The above particulars have been verified and found correct and have conducted test check as follows:-

a) Ordinary item:-
b) Special item:- }

15/9/2022

Dy. Gen. Manager (C),	Sr. Manager (C),	D.M(C)
HSM-II ; KHEP	HSM-II ; KHEP	KHEP-I

O/C

15/9/2022

ELECTRIC POWER CORPORATION LTD.

G ACCOUNT BILL--C 1st RA & Final Bill

d Suppliers. This from provide only for payment for work or Supplies actually measured.)

..... Dated.....

:-Sri Hena Bala Hasnu

Construction of Stone Masonry Retaining wall at upstream of Khandong P.S, KHPS, Umrangso.

se of supply

erial No of this bill :-

No and date of this last bill work :-

Reference to aggreement:-NEEPCO/KHPS/C&P(C)/F-06/2022-23/119 , dtd. 29.8. 2022

W/O No:- NEEPCO/KHPS/C&P(C)/F-05/2022-23/2040, dtd 24.8.2022

Date of completion :-07.07.2022

1. Account of work done or Supplies made.

Unit	Quantity executed upto date as per measureme	Item No	Items of works or supplies (grouped " under sub heads" and "sub works" of estimate)	Rate	Amount		Remarks
					Upto date	Since previous bill(Total for each sub head)	
1	2	3	4	5	6	7	8
Cu.m	34.488	1	Earth work in excavation by mechanical means . . . . a lead of 50m All kind of soil	216.55	7468.38		
Cu.m	11.366	2	Providing and laying cement concrete in retaining walls, ... and finishing: 1:3:46 (1 Cement : 2 coarse sand . . . sources)	5158.49	58631.4		
Sq.m	7.875	3	Centering and shuttering including strutting, . . form work for : Retaining walls, return walls, walls . . . steps etc.	505.44	3980.34		
Cu.m	231.277	4	Random rubble masonry with hard stone . . . .and the like. Cement mortar 1:6 (1 cement : 6 coarse sand)	6247.25	1444845.24		
Cu.m	73.500	5	Filling available excavated earth . . . . lift upto 1.5m	191.71	14090.68		
Cu.m	242.630	6	1.2 By Manual Labour including loading, unloading and stacking . . than 0.50 KM	141.35	34295.75		
			Sub total		1563311.79		
			Add 15% overall supervision & profit		234496.77		
			Total		1797808.56		
			Add @ 18% for GST.		323606.00		
				C.O :-	2121414.56		

HCC/ASM-II/T-110/22-23/35 dtd 16/9/22

	4	5	6	7	8
	at the work has been completed as per ation and direction of the department. No ur under age of 18 years old and not more en 18 labours a day engaged in the work. No T & P materials issued against the work.	B.F:-	2121414.56		
	r work done or supplied to date (A)		2121414.56		
	t- value of work done or supplied shown on previous bill (B)		0.00		
	Net value of work done or supplied since previous bill (F)		2121414.56		
		Say Rs	2121415.00		

Figure (F) in words:-(Rupees twenty one lakhs twenty one Thousand four hundred fifteen) Only.

II -- Certificate and Signature

The measurement were made by me on 29.08.2022 and are recorded at page 124-140 of measurement Book No. 3379. No advance payment been made previously without detailed measurements.

Date signature of officer preparing the bill:- 16/9/2022
Sub division:- उप-प्रबंधक (सी) / Dy. Manager (C)
एचएसएम / HSM
केएचपीएस, नीपको लि., उमरांगसो, असम
KHPS, NEEPCO Ltd., Umrangso, Assam

Thumb impression of

Date signature of officer authorising payment:-
Sub division:-

Menabala Hasnu
Dated signature of contractor

16/9/2022
यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM
केएचपीएस, नीपको लि., उमरांगसो (असम)
KHPS, NEEPCO LTD., Umrangso (Assam)

61

CQW/O NO. 2868

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN: U40101ML1976GOI001658
ISO 9001:2015, 14001:2015 &45001:2018
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉंग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

No: NEEPCO/KHPS/ C&P(C)/F- 05 /2022-23/ 2056 Date: 24

(16)

To,

Sri Sumit Sharma,
Contractor, Umrongso,
Dima Hasao, Assam.

Sub: Detailed Work Order for "**Construction of cement concrete drain from valve house along valve house road of Khandong Power Station, KHPS, Umrongso. (Ch:203.50m to 253.50m) Group-H.**"

Dear Sir,

Please refer to the above; The North Eastern Electric Power Corporation Ltd. is pleased to place this order for execution of the above mentioned work. The work shall be executed as per the items and rates indicated at **Annexure-I** (Bill of Quantity) under following terms and conditions.

Terms and conditions:

1. **Scope of work:** The quantities of different item of works as indicated in the enclosed **Annexure-I** (BOQ) are tentative and may undergo changes. All works are to be executed in accordance with the specifications together with BOQ and as directed by the Engineer-in-Charge.
2. **Contract Price:** The total value of the work is **Rs.3,43,406.00 (Rupees Three Lakh Forty Three Thousand Four Hundred Six)** only, excluding **GST**.
3. **Completion time: The work has been already completed on 12.06.2022.**
4. **Taxes & Duties:** The contract price of work as indicated is exclusive of applicable GST.
5. **Compensation for delay in Completion:-** The time allowed for carrying out the work as stipulated in the contract or any ex-tended period (not due to the fault of the contractor) as may be allowed shall be strictly observed by the contractor and shall be reckoned from the date on which order to commence work is given to the contractor. The work shall throughout the stipulated period of the contract be proceed with all due diligence, time being the essence of the contract on the part of the contractor. The contractor shall be liable to pay as compensation @0.5% of Contract Amount per week of delay, subjected to a maximum of 10% of the whole Contract Amount. In any case the decision of the Engineer-in-Charge in this regard is final and binding to the contractor.
6. **Security Deposit (SD):** 3% (Three percent) of work order value will be deducted as security deposit which shall be released after the end of defect liability period of 06 (Six) months from the date of completion.
7. **Payment Terms:**

   General: The payment to the contractor for performance of works under the Contract will be made by the Corporation as the guidelines and conditions specified herein.

   Terms of Payment:

   i. Interim bill shall be submitted by the contractor monthly on or after the date fixed by the Engineer- In-Charge for the work executed. The Engineer-In-Charge shall then arrange to have the bill verified with reference to the measurements recorded in the measurement book(s).
   ii. Payment on account for the amount admissible shall be made by the Engineer-In-Charge certifying the sum to which the contractor is considered entitle by way of interim payment for the work executed, after deducting the amount already paid, the security deposit and such other amount deductible in terms of the contract. Advance payment, if any, made on account of this contract shall be deducted from interim bills.
   iii. Payment of the contractor shall be made by the Corporation within 30(thirty) days from the date of submission of bills subject to the acceptance of the bills by the Engineer-In-Charge.

DM/C
B. Longmalai
for n/a
29/8/2022

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

M(C)/HSM/ T-110/2022-23/ 378 DTD: 29/9/22

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-II/ T-110/22-23/49 dtd 29/9/22	Sri Sumit Sharma	2628	₹405219.00

Enclosed:- As above.

Yours faithfully

29/9

General Manager (Civil)
HSM, KHPS, Umrangso

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
(A Govt. of India Undertaking)
HYDRAULIC STRUCTURE MAINTENANCE
KOPILI HYDRO ELECTRIC PROJECT
UMRONGSO, N.C.HILLS (ASSAM);PIN: 788931

ntractor: -**Sri Sumit Sharma**

cription of work: - Construction of cement concrete drain from valve house along valve house road of Khandong Power station, KHPS, Umrangso. (Ch: 203.50m to 253.50m) Group-H

3. Work order no:- NEEPCO/KHPS/C&P(C)/F-05/2022-23/2056, dtd 24.08.2022

4. Agreement no.:- NEEPCO/KHEP/C&P(C)/F-06/2022-23/120 , dtd 29.08.2022
5. Tech Sanction no.:-
6. Reference to the item of cost estimate:- Rs 4,05,219.00 (Including GST)
7. Ownership of the work:- (whether temporary or permanent):- NEEPCO Ltd. (Pmnt.)
8. Bill no. & Date: -
9. Period of work covered by the bill:- 1st RA & final bill (from 10.04.2022 to 12.6.2022)
10. Date of completion of work as per agreement: -12.06.2022
11. Date of actual completion:- 12.06.2022
12. a) Whether extension applied:- No
    b) Whether extension granted, if so with or without liquidated damage: Does not arise.
13. Whether transit passes royalty certificate submitted:– Submitted.
    FRCC No. FRS/A/53/Pt/2021-22/1706, dtd 23.9.2022
14. Whether there is any outstanding liability against the work:- Nil
15. Whether there is any escalation clause.- No.
16. Whether site has been cleared.- Yes
17. Percentage of item of work checked by Sr. Mgr(C)/Gen. Manager ©
    i) Ordinary item: -
    ii) Spcial item: -
18. Whether store issue statement submitted. :- submitted
19. Whether store utilization statement submitted.:- submitted
20. Whether store recovery statement submitted:- submitted
21. Whether the bill has technically checked:-
22. Any point of special / reference/ attention date:- No. Asset ID : TXN No. 562
23. Connected M.B. no :-2628 KHD page 069 - 077

The above particulars have been verified and found correct and have conducted test check as follows:-

a) Ordinary item:-
b) Special item:-

29/9
Gen. Manager (C),
HSM-II ; KHPS

Sr. Manager (C),
HSM-II ; KHEP

28/9/2022
D.M(C)
HSM-I

No. 10

ERN ELECTRIC POWER CORPORATION LTD.

RUNNING ACCOUNT BILL--C

1st RA & Final Bill

ctos and Suppliers. This from provide only for payment for work or Supplies actually measured.)

ner No.. ..... Dated.....

tractor :-Sri Sumit Sharma

Work :-

Construction of dewatering drain from Valve house along valve house road of Khandong Power station, KHPS, Umrangso. (Ch: 203.50m to Ch.253.50m) Group-H

Purpose of supply

Serial No of this bill :-

No and date of this last bill work :-

Reference to aggreement:-NEEPCO/KHPS/C&P(C)/F-06/2022-23/120, dtd 29.08.2022

W/O No:- NEEPCO/KHPS/C&P(C)/F-05/2022-23/2056, dtd 24.8.2022

Date of completion :-12.06.2022

1. Account of work done or Supplies made.

Unit	Quantity executed upto date as per measurement book	Item No	Items of works or supplies (grouped " under sub heads" and "sub works" of estimate)	Rate	Amount		Remarks
					Upto date	Since previous bill(Total for each sub head)	
1	2	3	4	5	6	7	8
Cu.m	67.50	1	Earth work in excavation by mechanical means .... a lead of 50m All kind of soil	216.55	14617.13		
Cu.m	24.25	2	Providing and laying cement concrete in retaining walls, ... and finishing: 1:2:4 (1 Cement : 2 coarse sand ... sources)	7077.27	171623.80		
Sq.m	120.00	3	Centering and shuttering including strutting, .. form work for : Retaining walls, return walls, walls ... steps etc.	505.44	106142.40		
Cu.m	32.500	4	Filling available excavated earth .... lift upto 1.5m	191.71	6230.58		
			Sub total		298613.91		
			Add 15% overall supervision & profit		44792.09		
			Total		343406.00		
			Add @ 18% for GST.		61813.00		

28/9/2022

...E)/HSM-U/22-23/T-110/40 dtd 29/9/22

	4	5	6	7	8
	...ified that the work has been completed ...s per specification and direction of the department. No labour under age of 18 years old and not more then 18 labours a day engaged in the work. No T & P materials issued against the work.	B.F:-	405219.00		
	...ue of work done or supplied to date (A)		405219.00		
	...uct- value of work done or supplied shown on previous bill (B)		0.00		
	Net value of work done or supplied since previous bill (F)		405219.00		
		Say Rs	405219.00		

Figure (F) in words:-(Rupees four lakhs five eight Thousand ~~nine~~ two hundred ~~sixty~~ nineteen ~~seven~~) Only.

II -- Certificate and Signature

The measurement were made by me on 28.09.2022 and are recorded at page 069 to 077 of measurement Book No. 2628. No advance payment been made previously without detailed measurements.

Date signature of officer preparing the bill:- 28/9/2022
Sub division:- उप-प्रबंधक (सी) / Dy. Manager (C)
एचएसएम / HSM
खेप,नीपको लि.,उमरॉंग्सो , असम
KHEP, NEEPCO Ltd., Umrangso, Assam

Thumb impression of

Dated signature of contractor

Date signature of officer authorising payment:-
Sub division:-

यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरॉंग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

62

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTHEASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931, FAX 03670-288240, PH 03670-288036

1 & 14001
S 18001

6

No: NEEPCO/KHPS/C&P (C)/F-07/2022-2023/ 4145 Date: 29/10/22.

To,

Sri Khagendra Hojai,
Contractor/Supplier,
Umrongso, Dima Hasao, Assam.

Sub: Order for "**Engagement of unskilled labour in different works related to restoration of Khandong Power Station & Stage-II Power Station, KHPS, Umrongso, Dima Hasao, Assam". (From 01.07.2022 to 31.08.2022)**

Dear Sir,

With reference to the above, the Corporation is pleased to confirm the order for Engagement of unskilled labour in different work related to restoration of Khandong Power Station & Stage-II Power Station, KHPS, Umrongso, Dima Hasao, Assam as per the rates, terms & condition mentioned bellow:

Sl. No.	Description	Unit	Qntty	Rate (INR)	Amount (INR)
1	Engagement of unskilled labour in different work related to restoration of Khandong Power Station & Stage-II Power Station, KHPS, Umrongso, Dima Hasao, Assam (From 01.07.2022 to 31.08.2022)	Mandays	1160	500.00	5,80,000.00
2				Add 2.5% for T&P	14500.00
3				Add 10% for Contractor's Profit	58000.00
5				Sub Total	652500.00
6				Add 18% GST	117450.00
				G. Total	**7,69,950.00**
	(Rupees Seven Lakh Sixty Nine Thousand Nine Hundred Fifty) only including GST.				

Terms and conditions:

1. **Scope of work**: The essence of this contract is to Engagement of unskilled labour in different work related to restoration of Khandong Power Station & Stage-II Power Station, KHPS, Umrongso, Dima Hasao, Assam (from 01.07.2022 to 31.08.2022) or any other works assigned by Engineer in charge.
2. **Contract Price & Payment**: The total value of the contract is **Rs.7,69,500.00 (Rupees Seven Lakh Sixty Nine Thousand Nine Hundred Fifty**) only exclusive of GST as applicable.
3. **Bank Details/Taxes & Duties:** The Bank details including GST registration certificate no. of the contractor is required to be submitted to the paying authority for making payment.
4. **Paying Authority:** The paying authority would be DGM (F), KHPS, NEEPCO Ltd., Umrongso.
5. **Engineer In-charge:** The Engineer In-charge would be GM (C) HSM, KHPS.

Yours faithfully,

GM (C), C&P
KHPS, NEEPCO Ltd., Umrongso.

Memo No: NEEPCO/KHPS/ C&P(C)/F-07 /2022-2023/ 4146-50 Date: 29/10/22.

Copy to:

1. The HOP, KHPS for favour of kind information please. This has reference to his approval vide U.O. No. 2620, Dated: 06.10.2022.
2. The GM (C), KHPS, NEEPCO, Umrongso for favour of kind information please.
3. The GM (C), HSM, KHPS, Umrongso for information and necessary action please.
4. The DGM (Fin), KHPS, NEEPCO, Umrongso for information and necessary action please.
5. The DGM (C), Vigilance, KHPS, NEEPCO, Umrongso for information please.

29/10

GM (C), C&P
KHPS, NEEPCO Ltd., Umrongso.

OFFICE OF THE G.M(CIVIL)
HSM, KHPS, NEEPCO Ltd.
UMRANGSO, DIMA HASAO, ASSAM, 788931

PS/GM(C)/HSM/T-110/2022-23/485 DTD: 3/11/22

To

THE DGM(Fin)
KHPS, NEEPCO Ltd.
Umrangso

T-110

Sub: Submission of works Bill/P.O.L Bills

Sir,

Enclosed please find herewith the following bills in duplicate along with the enclosures mentioned below for your necessary action please.

Sl.No	Divn. Bill. No. & Date	Name of party/Contractor	M.B No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM.II/T-110/22-23/56 dtd 2/11/22	Sri Khagendra Mejai	—	₹ 769950.00

Enclosed:- As above.

Yours faithfully

31/11/2022

General Manager (Civil)
HSM, KHPS, Umrangso

SRI KHAGENDRA HOJAI
Contractor & Supplier
Umrangso,(Assam)
Pin-788931

BILL

Ref: No. Nil Dated : 02-11-2022

GSTIN No 18AIPPH8617P2ZC

To,

The General Manager(C),
HSM - II, KHEP, Umrangso.

Sub:- Submission of bill for " Engagement of unskilled labour in different work related to restoration of Khandong Power Station & Stage - II Power Station, KHPS, NEEPCO Ltd., Umrongso, Assam . (From 01.07.2022 to 31.08.2022)

Order No.: NEEPCO/KHPS/C&P(C)/F-07/2022-23/ 4145 , dtd 29-10-2022

Sl No	Particulars of works	Unit	Quantity (In days)	Rate	Amount
1	Supply of unskilled labour (From 01.07.2022 to 31.08.2022)	Man days	1160	500.00	580000.00
	Add 2.5 % for T&P				14500.00
	Add 10% for contractors profit				58000.00
	Total amount in Rs.				652500.00
	TOTAL (A)				652500.00
	Add CGST @ 9%				58725.00
	Add SGST @ 9%				58725.00
	Total (B)				117450.00
				Total (A) + (B)	**769950.00**

In words : (Rupees Seven lakh Sixty- Nine Thousand Nine hundred Fifty) only

Place: KHEP, Umrangso

(Khagendra Hojai)

Date

Contractor : Khagendra Ho...

Power House (2 x 25 MW & 1 x 2...

...of labour supply for removal &...

Dmu bill no NEEPCO/GM(C)/HSM-II/T-110/22-23/56 dtd 02/11/22

1) Bill amount verified for Rs 769950.00 (Rupees Seven lakh Sixty-nine Thousand Nine hundred Fifty) only including GST and found in order.

2) Period of Bill w.e.f 01.07.2022 to 31.08.2022

3) Bill recorded in bill register

4) Amount is chargeable for the year 2022-23.

(i) Stage - II Power Station (0702) = 1,54,322.00 (232.5 Nos)

(ii) Khandong Power Station R R & M (0704)= 6,15,628.00

2.11.22

यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरॉंग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

प्राजीत कुमार दास / P.K. Das
प्रबंधक (सी) / Manager (C)
एचएसएम / HSM
खेप, नीपको लि. उमरॉंग्सो (असम)
KHEP, NEEPCO Ltd. Umrangso, Assam

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED NOTE

(Mini Ratna, Category-I, Government of India Enterprise)

File Number: Note Sheet/CW/R&B/T-44/94/KHEP/09/04/2024

Basic Details

FileType: Note Sheet	
Subject: Reconstruction of Khandong Surge-Shaft Road, KHPS	
Created On : 09/04/2024 **Time :**17:07:27	**Status:** In Process
Created By: Jumdo Kamki	**Last Changed By:** Gautam Kumar

File Workflow

Creator : Jumdo Kamki (09/04/2024 17:11:26)

Processor - 1: Bhupendra Nath Sarkar (10/04/2024 17:47:59)
Processor - 2: Jumdo Kamki (24/04/2024 18:28:12)
Processor - 3: Bhupendra Nath Sarkar (29/04/2024 16:36:44)
Processor - 4: Utpal Borah (29/04/2024 22:19:59)
Processor - 5: Abhijit Kalita (02/05/2024 14:16:39)
Processor - 6: Utpal Borah (02/05/2024 21:22:27)
Processor - 7: Susanta Deka (03/05/2024 09:40:32)
Processor - 8: Parag Saikia (08/05/2024 19:09:43)
Processor - 9: Chandra Prasad Saikia (08/05/2024 20:21:11)
Processor -10: Biswajit Sinha (09/05/2024 16:53:04)
Processor -11: Chandra Prasad Saikia (09/05/2024 20:25:58)
Processor -12: Ajay Kr Shaw (10/05/2024 19:10:54)
Processor -13: Chandra Prasad Saikia (16/05/2024 17:49:33)
Processor -14: Utpal Borah (16/05/2024 22:18:57)
Processor -15: Chandra Prasad Saikia (29/05/2024 15:37:14)
Processor -16: Ajay Kr Shaw (31/05/2024 14:19:46)
Processor -17: Chandra Prasad Saikia (28/06/2024 11:07:46)
Processor -18: Dinesh Inrugbam (14/07/2024 20:04:33)
Processor -19: Chandra Prasad Saikia (18/09/2024 12:18:10)
Processor -20: Utpal Borah (19/09/2024 16:06:13)
Processor -21: Chandra Prasad Saikia (20/09/2024 20:04:30)
Processor -22: Biswajit Sinha (14/10/2024 11:20:13)
Processor -23: Chandra Prasad Saikia (16/10/2024 15:55:14)
Processor -24: Utpal Borah (17/10/2024 10:31:43)
Processor -25: Bhupendra Nath Sarkar (30/10/2024 11:45:26)
Processor -26: Jumdo Kamki (21/12/2024 17:21:47)
Processor -27: Bhupendra Nath Sarkar (21/12/2024 17:32:32)
Processor -28: Utpal Borah (26/12/2024 10:17:34)
Processor -29: Chandra Prasad Saikia (08/01/2025 12:13:06)
Processor -30: Biswajit Sinha (26/03/2025 11:20:08)

Processor -31: Chandra Prasad Saikia (26/03/2025 13:10:59)
Processor -32: Susanta Deka (26/03/2025 19:26:16)
Processor -33: Parag Saikia (26/03/2025 20:31:57)
Processor -34: Vishvendra Gautam (01/05/2025 12:26:22)
Processor -35: Parag Saikia (08/05/2025 16:11:53)
Processor -36: Bhupendra Nath Sarkar (08/05/2025 17:55:44)
Processor -37: Jumdo Kamki (04/06/2025 12:33:25)
Processor -38: Bhupendra Nath Sarkar (04/06/2025 12:42:45)
Processor -39: Utpal Borah (04/06/2025 13:34:55)
Processor -40: Amrit kumar Borah (04/06/2025 16:03:25)
Processor -41: Gautam Kumar (17/06/2025 16:07:05)
Processor -42: Amrit kumar Borah (18/06/2025 09:35:57)
Processor -43: Utpal Borah (18/06/2025 11:30:38)
Processor -44: Bhupendra Nath Sarkar (19/06/2025 10:10:06)
Processor -45: Jumdo Kamki (03/07/2025 13:36:09)
Processor -46: Bhupendra Nath Sarkar (03/07/2025 13:42:29)
Processor -47: Utpal Borah (03/07/2025 16:09:14)
Processor -48: Amrit kumar Borah (03/07/2025 16:39:03)
Processor -49: Gautam Kumar (04/07/2025 15:57:49)
Processor -50: Amrit kumar Borah (04/07/2025 16:40:29)
Processor -51: Dinesh Inrugbam (31/07/2025 09:06:19)
Processor -52: Tuhin C Tariang (06/08/2025 11:05:16)
Processor -53: Dinesh Inrugbam (07/08/2025 13:43:20)
Processor -54: Amrit kumar Borah (12/08/2025 15:58:01)
Processor -55: Ashim jyoti Bordoloi (12/08/2025 17:18:19)
Processor -56: Bijit Kr. Goswami (12/08/2025 18:05:02)
Processor -57: Joypal Roy (19/08/2025 16:07:45)
Processor -58: Bijit Kr. Goswami (19/08/2025 17:14:41)
Processor -59: Ashim jyoti Bordoloi (20/08/2025 13:17:07)
Processor -60: Amrit kumar Borah (20/08/2025 16:37:43)
Processor -61: Gautam Kumar (03/09/2025 10:03:43)
Processor -62: Amrit kumar Borah (03/09/2025 10:53:08)
Processor -63: Ashim jyoti Bordoloi (03/09/2025 19:35:00)
Processor -64: Amrit kumar Borah (04/09/2025 10:44:09)
Processor -65: Gautam Kumar (07/10/2025 16:21:56)
Processor -66: Amrit kumar Borah (08/10/2025 11:47:20)
Processor -67: Parag Saikia (22/10/2025 17:47:22)
Processor -68: Amrit kumar Borah (01/11/2025 10:17:02)
Processor -69: Gautam Kumar (06/11/2025 11:20:37)
Processor -70: Amrit kumar Borah (00/00/0000 00:00:00)

File Description

Reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point(Shillong-Lanka Road) to Khandong Surge Shaft (Chainage 0.00 M to Ch.1700.00 M, Length = 1.70 KM)

Created By : Jumdo Kamki
Created On :09/04/2024 17:11:14
With Department : Reconstrn of Khandong S.S.Road
Forwarded To: Bhupendra Nath Sarkar

File Attachments

Attachments :

TEC_Report; **Created By :**Gautam Kumar; **Uploaded on :**06/11/2025 11:15:42
Withdrawal_letter; **Created By :**Amrit kumar Borah; **Uploaded on :**01/11/2025 10:15:24
Letter_Re_tendering; **Created By :**Gautam Kumar; **Uploaded on :**07/10/2025 16:11:53
Detailed-NIT-505; **Created By :**Gautam Kumar; **Uploaded on :**03/09/2025 10:02:24
Annexure-H; **Created By :**Jumdo Kamki; **Uploaded on :**03/07/2025 13:35:00
Bichanon_Bathari_conversation; **Created By :**Gautam Kumar; **Uploaded on :**17/06/2025 16:06:38

Annex-G; **Created By :**Jumdo Kamki; **Uploaded on :**21/12/2024 17:20:49
Annex-F; **Created By :**Jumdo Kamki; **Uploaded on :**21/12/2024 17:20:21
Annex-E; **Created By :**Jumdo Kamki; **Uploaded on :**21/12/2024 17:19:58
Annex_D; **Created By :**Jumdo Kamki; **Uploaded on :**21/12/2024 17:19:33
Annex-C; **Created By :**Jumdo Kamki; **Uploaded on :**21/12/2024 17:19:05
Annex_B; **Created By :**Jumdo Kamki; **Uploaded on :**21/12/2024 17:18:40
Annex_A; **Created By :**Jumdo Kamki; **Uploaded on :**21/12/2024 17:18:16
Sectional_drawing; **Created By :**Jumdo Kamki; **Uploaded on :**24/04/2024 18:28:00
Revised_EstimateSheet; **Created By :**Jumdo Kamki; **Uploaded on :**24/04/2024 18:00:22
Estimate_sheet; **Created By :**Jumdo Kamki; **Uploaded on :**09/04/2024 17:10:19
Letterfromlocalgroups; **Created By :**Utpal Borah; **Uploaded on :**17/10/2024 10:18:00

File Notings

Sub:- Reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point(Shillong-Lanka Road) to Khandong Surge Shaft (Chainage 0.00 M to Ch.1700.00 M, Length = 1.70 Km)

As instructed by the competent authority, a proposal for the reconstruction of the damaged Khandong Surge-Shaft road has been prepared based on DSR-2023. The condition of the road has deteriorated in many stretches. To address this, a fresh layer of aggregates will need to be spread and compacted. This will involve scarifying the existing road surface and then constructing a WBM base course, including rectification of potholes, depressed areas, and sinkholes across the entire stretch

For the worst sections, a granular sub-base will need to be constructed as a single layer will not be sufficient for long-term durability. The remaining stretches will only require carpeting.

The total length of the road is 1.70 Km from Shillong-Lanka Road junction point. The road has a variable formation width of approximately 7-8 meters and a carriageway width ranging from 3.5 to 7 meters. Additionally, the estimate incorporates essential earthen drainage and shoulders to effectively channel out stormwater and to avoid formation of water stagnant.

The estimate also incorporates carriage charges for aggregates and bitumen as per **DSR *Clause 1.0 Carriage of Materials*.** The aggregate carriage charge is calculated based on the nearest registered Stone Crusher located in Doboka. Similarly, the bitumen carriage charge is calculated based on the nearest IOC bitumen depot, Guwahati.

The total estimated amount comes to Rs.6764518.00 (Rupees sixty seven lakh sixty four thousand five hundred eighteen only) ***Inclusive of GST.***

Put up for favour of your information and approval please.

ID: 001
Noted By: Jumdo Kamki
Noted On: 09/04/2024 Time : 17:09:44

Forwarded To : Bhupendra Nath Sarkar

Estimate may be recast as discussed

ID: 002
Noted By: Bhupendra Nath Sarkar

Noted On: 10/04/2024 Time : 17:46:40

Forwarded To : Jumdo Kamki

Following discussions with DGM (C),HSM and Sr.Manager (C), R&B, the estimate has been revised and total amount now comes to Rs. 5858494.00 (Rupees fifty eight lakhs fifty eight thousand four hundred ninety four only) **inclusive of GST.**

Submitted for favour of your information and approval please

ID: 003
Noted By: Jumdo Kamki
Noted On: 24/04/2024 Time : 17:59:30

Forwarded To : Bhupendra Nath Sarkar
Attachments : Sectional_drawing**; Uploaded on :**24/04/2024 18:28:00
Attachments : Revised_EstimateSheet**; Uploaded on :**24/04/2024 18:00:22

Sub:- Reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point(Shillong-Lanka Road) to Khandong Surge Shaft (Chainage 0.00 M to Ch.1700.00 M, Length = 1.70 Km)

The entire stretches (1.70Km) of Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point (Shillong-Lanka Road) to Khandong Surge Shaft damaged due to the disaster occurred on 26.03.2022. The said road needs to be repaired for commissioning of Kahndong-II PS. An estimate prepared and submitted for the repair of road as per site condition. (Copy attached).

The estimate has been prepared based on DSR-2023. Initially the estimate framed for Rs.67,64,518.00 (Rupees sixty seven lakh sixty four thousand five hundred eighteen only) *Inclusive of GST.* However, due to some corrections/changes ,the finial estimate prepared & submitted for Rs. 58,58,494.00 (Rupees fifty eight lakhs fifty eight thousand four hundred ninety four only) inclusive of GST.

The total financial involvement arrived as Rs. 58,58,494.00 (Rupees fifty eight lakhs fifty eight thousand four hundred ninety four only) inclusive of GST.

The above work may be executed through open tender in terms of DOP clause No 2(a) of sec -1.

The expenditure against the work is chargeable under O&M Budget Estimate 2024-2025 of KHPS for repair and Maintenance of Road & Building.

Put up for favour of kind perusal for approval of competent authority please.

CGM (Civil) , KHPS Sr. Manager (Civil), R&B

ID: 004
Noted By: Bhupendra Nath Sarkar
Noted On: 29/04/2024 Time : 16:35:51

Forwarded To : Utpal Borah

Preceding note of Sr. Manager(C) R&B pl.

The proposal is regarding reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point (Shillong-Lanka Road) to Khandong Surge Shaft (1.70 Km).

The entire stretch was damaged due to the disaster occurred on 26.03.2022 resulting from the unseasonal extreme weather flood. The road is required for maintenance of hydro structure components of the project.

The total financial involvement estimated as Rs. 58,58,494.00 (Rupees fifty-eight lakhs fifty-eight thousand four hundred ninety-four only) inclusive of GST.

The expenditure is chargeable under O&M Budget Estimate 2024-2025 of KHPS for repair and Maintenance of Road & Building.

Views of DGM(E/M) Khandong PS in this regard also may please be forwarded .

ID: 005
Noted By: Utpal Borah
Noted On: 29/04/2024 Time : 22:17:21

Forwarded To : Abhijit Kalita

The road is damaged and need repairing, however, there is an insurance coverage of the road, therefore, you are requested to send the order copy and the invoices to the undersigned for compilation and submission of insurance claim.

Submitted please.

ID: 006
Noted By: Abhijit Kalita
Noted On: 02/05/2024 Time : 14:16:15

Forwarded To : Utpal Borah

The necessity of taking up the work has been explained in the trailing notes.

Put up for kind perusal and administrative approval.

The execution will be processed through open tender, if agreed by the Competent Authority.

Submitted pl.

ID: 007
Noted By: Utpal Borah
Noted On: 02/05/2024 Time : 21:21:44

Forwarded To : Susanta Deka

Preceding notes may please be seen. Please examine and further refer to C&P for needful.

ID: 008
Noted By: Susanta Deka
Noted On: 03/05/2024 Time : 09:39:41

Forwarded To : Parag Saikia

Preceding notes may please be seen.

The necesseity of repairing the proposed road is recorded in the notes of the executing authorities. The estimate has been prepared for an amount of Rs 58,58,494/-based on DSR 2023, and CGM(C), HSM has proposed to carry out through open tender.

In terms of DoP Clause 1(a), Sec-I, CGM(Tech)/HoP is empowered upto Rs 15 crore for technical sanction of detail estimate for approval of the estimate.

Referred for scrutiny & further needful please.

ID: 009
Noted By: Parag Saikia
Noted On: 08/05/2024 Time : 19:09:06

Forwarded To : Chandra Prasad Saikia

Please examine and put up for further processing of this proposal.

ID: 010
Noted By: Chandra Prasad Saikia
Noted On: 08/05/2024 Time : 20:15:49

Forwarded To : Biswajit Sinha

Trailing notes may please be seen.

The proposal duely recommended by CGM(C), HSM, KHPS, Umrongso, seeking approval for **"Reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point(Shillong-Lanka Road) to Khandong Surge Shaft (Chainage 0.00 M to Ch.1700.00 M, Length = 1.70 Km)"** through open tender involves the following:

1. As recorded in the trailing notes the entire 1.70 Km stretch (from 5th Km Khandong Power Station Stage-II Junction point (Shillong-Lanka Road) to Khandong Surge Shaft) of Khandong Surge Shaft Road was damaged during the flash flood that occurred on 26.03.2022.
2. The road is frequently used for maintenance of hydro structure components of the project. Therefore, it is proposed to repair this road.
3. An estimate has been framed based on DSR 2023 to asses the repairing cost of the road. The TFI stands at Rs. 58,58,494.00 (Rupees Fifty Eight Lakh Fifty Eight Thousand Four Hundred Ninety Four) only inclusive of GST.
4. The expenditure against the works may be booked under "O&M of KHPS for the financial year 2024-25.
5. HOP is empowered to accord the following approvals:
    i. Technical sanction in terms of Cl:1(c), Sec-I of DOP.
    ii. Approval for awarding the work through open tender in terms of Cl:2(a), Sec-I of DOP.
6. The proposals may be forwarded to finance for further scrutiny and concurrence prior to approval of HOP.

Submitted for perusal and further needful please.

ID: 011
Noted By: Biswajit Sinha
Noted On: 09/05/2024 Time : 16:52:45

Forwarded To : Chandra Prasad Saikia

Trailing notes may please be seen-

The instant Proposal is submitted HSM, KHPS, seeking approval for **"Reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point(Shillong-Lanka Road) to Khandong Surge Shaft (Chainage 0.00 M to Ch.1700.00 M, Length = 1.70 Km)"** by award of a contract inviting open tender.

The proposal is examined at C&P and the evaluation note of the proposal submitted by Sr. Manager (C), C&P may please be seen.

Concurrence of Finance may please be accorded for obtaining approval Competent Authority in terms of clause no. Cl:2(a), Sec-I of DOP for award of the work inviting open tender as proposed.

ID: 012
Noted By: Chandra Prasad Saikia
Noted On: 09/05/2024 Time : 20:23:56

Forwarded To : Ajay Kr Shaw

It is proposed for execution of work through open tender with estimated value of Rs. 58,58,494.00 (Rupees Fifty-Eight Lakh Fifty-Eight Thousand Four Hundred Ninety-Four) only inclusive of GST. The estimate has been prepared based on DSR 2023 verified by the C&P wing, which is found to be order for further action indeed.

It is requested, please be recorded by the executing authority for nature of expenditure booking i.e. whether capital (RR&M) or revenue nature and also please ensured the budget estimate for the referred work.

Submitted please

DGM(E), C&P DGM(F)

ID: 013
Noted By: Ajay Kr Shaw
Noted On: 10/05/2024 Time : 19:10:27

Forwarded To : Chandra Prasad Saikia

Observation of Finance at note no. 0013 may be seen.

Accordingly, executing authority may record nature of expenditure booking i.e. whether capital (RR&M) or revenue nature and also ensure the budget estimate for the said work.

ID: 014
Noted By: Chandra Prasad Saikia
Noted On: 16/05/2024 Time : 17:45:21

Forwarded To : Utpal Borah

Trailing note.

Please note that at ID 004 the expenditure against the work is proposed to be chargeable under O&M Budget FY 2024-2025 of KHPS for repair and Maintenance of Road & Building.

Forwarded for needful pl.

ID: 015
Noted By: Utpal Borah
Noted On: 16/05/2024 Time : 22:15:56

Forwarded To : Chandra Prasad Saikia

From the trailing notes .

Inline with the observation of Finance, it has been recorded from HSM that the expenditure against the work is proposed to be chargeable under O&M Budget FY 2024-2025 of KHPS for repair and Maintenance of Road & Building.

Accordingly, proposal is forwarded for concurrence of Finance please.

ID: 016
Noted By: Chandra Prasad Saikia
Noted On: 29/05/2024 Time : 15:34:48

Forwarded To : Ajay Kr Shaw

This is being return as discussed...

ID: 017
Noted By: Ajay Kr Shaw
Noted On: 31/05/2024 Time : 14:19:18

Forwarded To : Chandra Prasad Saikia

From the trailing mail-

Instant proposal was sent to HSM for certain clarification as per observation of Finance which has been recorded by the executing authority.

In view of the above , proposal is resubmitted for concurrence of Finance please.

ID: 018
Noted By: Chandra Prasad Saikia
Noted On: 28/06/2024 Time : 11:06:13

Forwarded To : Dinesh Inrugbam

With the clearance on observation for Note 0013 finance is agreed to as proposed. The work shall be executed through inviting open tender.

TFI stands at Rs. 58,58,494.00 inclusive of GST. An estimate rate has framed based on DSR 2023 to asses the repairing cost of the road. Total expenditure shall be booked under O&M Budget FY 2024-2025 of KHPS for repair and Maintenance of Road & Building.

The proposal shall be regulated under clause no. Cl:2(a), Sec-I of DOP for award of the work inviting open tender as proposed.

ID: 019
Noted By: Dinesh Inrugbam
Noted On: 14/07/2024 Time : 20:03:58

Forwarded To : Chandra Prasad Saikia

As discussed with CGM(C) , HSM -

Instant proposal for **"Reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point(Shillong-Lanka Road) to Khandong Surge Shaft (Chainage 0.00 M to Ch.1700.00 M, Length = 1.70 Km)"** is returned to HSM for necessary reviews and resubmission.

ID: 020
Noted By: Chandra Prasad Saikia
Noted On: 30/07/2024 Time : 12:41:29

Forwarded To : Utpal Borah

Trailing note please.

HSM is in receipt of letters from three groups of the locality (copy enclosed) about allotment of the proposed work "Reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point (Shillong-Lanka Road) to Khandong Surge Shaft (Chainage 0.00 M to Ch.1700.00 M, Length = 1.70 Km "which are self-explanatory.

In this regard it may be mentioned that the local people are often requesting to get some work from NEEPO on the ground that they are KHEP affected and deserved for some works to execute for strengthening their economy. Some of them are unemployed and intend to participate in award process of the said work through a limited platform.

Under above circumstances, it is proposed that the award may be processed through a limited option among capable contractors so as to give opportunity to the local people to keep pleasant relation with the KHPS administration.

Submitted please.

ID: 021
Noted By: Utpal Borah
Noted On: 18/09/2024 Time : 17:03:39

Forwarded To : Chandra Prasad Saikia

Executing authority has reviewed the proposal for award of the work inviting open tender.

Please examine and put up for further processing .

ID: 022
Noted By: Chandra Prasad Saikia
Noted On: 20/09/2024 Time : 20:03:26

Forwarded To : Biswajit Sinha

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railing notes may please be seen.

Initially the work was proposed to be executed through open tender. However, as recorded at FLM ID 021 in order to encourage participation of local contractors it has been proposed to execute the work through local capable contractors. Executing authority may be requested to indicate the names of minimum five numbers of capable local contractors (along with valid supporting documents) in terms of Cl:2(b), Sec-I of DOP and the **TFI exclusive of GST** prior to further processing of the proposal.

ID: 023
Noted By: Biswajit Sinha
Noted On: 26/09/2024 Time : 11:03:43

Forwarded To : Chandra Prasad Saikia

Observation of C&P at note no. 0023 may please be seen-

As desired, name of the contractors for issue of limited tender and estimated value of the work exclusive of GST may be furnished for further processing of this proposal.

ID: 024
Noted By: Chandra Prasad Saikia
Noted On: 16/10/2024 Time : 15:52:31

Forwarded To : Utpal Borah

Trailing note.

Please forward the names of vendors from the letters received from local groups and who are having experience in road work.

ID: 025
Noted By: Utpal Borah
Noted On: 17/10/2024 Time : 10:24:08

Forwarded To : Bhupendra Nath Sarkar
Attachments : Letterfromlocalgroups**; Uploaded on :**17/10/2024 10:18:00

Trailing Note.

Please take necessary action as desired.

ID: 026
Noted By: Bhupendra Nath Sarkar
Noted On: 30/10/2024 Time : 11:44:13

Forwarded To : Jumdo Kamki

Letters from the local people (**Ref. Annex-A**) about allotment of the proposed work “Reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point (Shillong-Lanka Road) to Khandong Surge Shaft (Chainage 0.00 M to Ch.1700.00 M, Length = 1.70 Km “which are self-explanatory.

As per work flow ID# 0023 , it was requested to submit the valid supporting documents of the capable Contractors’ (**Ref. Annex-B)**

In response to above, the following Contractors’ submitted the documents

1. Sri Bichanon Bathari **(Ref. Annex-C)**
2. Gopan Bathari **(Re. Annex-D)**
3. Khagendra Hozai (**Ref. Annex-E)**
4. Mukul Johari (**Ref. Annex-F)**
5. Welson Millick **(Ref. Annex-G)**

The above contractors’ found to be capable for execution of proposed work**.**

TFI is Rs. 49,64,825.00 (Rupees forty nine lakhs sixty four thousand eight hundred twenty five) only **Exclusive of GST.**

Submitted please.

Sr. M (Civil), R&B A.E (C) , R&B

ID: 027
Noted By: Jumdo Kamki
Noted On: 21/12/2024 Time : 17:17:31

Forwarded To : Bhupendra Nath Sarkar
Attachments : Annex-G**; Uploaded on :**21/12/2024 17:20:49
Attachments : Annex-F**; Uploaded on :**21/12/2024 17:20:21
Attachments : Annex-E**; Uploaded on :**21/12/2024 17:19:58
Attachments : Annex_D**; Uploaded on :**21/12/2024 17:19:33
Attachments : Annex-C**; Uploaded on :**21/12/2024 17:19:05
Attachments : Annex_B**; Uploaded on :**21/12/2024 17:18:40
Attachments : Annex_A**; Uploaded on :**21/12/2024 17:18:16

Preceding notes may please be seen.

The Five Nos. of Capable Contractors' selected and documents collected, as desired vide work flow ID # 0023

TFI is Rs. 49,64,825.00 (Rupees forty nine lakhs sixty four thousand eight hundred twenty five) only **Exclusive of GST.**

Submitted please

CGM (Tech), HSM Sr. Mgr (C), R&B

ID: 028
Noted By: Bhupendra Nath Sarkar
Noted On: 21/12/2024 Time : 17:31:36

Forwarded To : Utpal Borah

Trailing note pl.

As suggested name of capable contractor is provided for further needful please.

Submitted pl.

ID: 029
Noted By: Utpal Borah
Noted On: 26/12/2024 Time : 10:16:51

Forwarded To : Chandra Prasad Saikia

As suggested names of 5 nos of capable contractor is provided by R&B. please examine and put up.

ID: 030
Noted By: Chandra Prasad Saikia
Noted On: 08/01/2025 Time : 12:12:15

Forwarded To : Biswajit Sinha

Trailing notes may please be seen.

The proposal forwarded by CGM(Tech), HSM, KHPS, Umrongso, seeking approval for execution of the work **"Reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point (Shillong-Lanka Road) to Khandong Surge Shaft (Chainage 0.00 M to Ch.1700.00 M, Length = 1.70 Km)"** involves the following:

1. Initially the work was proposed to be executed through open tender under Cl:2(a), Sec-I of DOP as indicated at workflow:007. Accordingly, finance was obtained at workflow:019.
2. However, as recorded at FLM ID 021 requests letters from three groups of the locality (copy enclosed) about allotment of the proposed work "Reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point (Shillong-Lanka Road) to Khandong Surge Shaft (Chainage 0.00 M to Ch.1700.00 M, Length = 1.70 Km" were received by HSM.
3. CGM(Tech) in his note at workflow:021 mentioned that local people are often requesting to get some work from NEEPCO on the ground that they are KHEP affected and deserved to execute some works for strengthening of their economy. Some of them are unemployed and intend to participate in award process of the said work through a Limited Platform.
4. In view of the above circumstances, CGM(Tech) has proposed at workflow:021 that the tender pertaining to the instant work may be processed through a Limited Option among capable contractors so as to give opportunity to the local people to keep pleasant relation with the KHPS administration.
5. In terms of Cl. 2(b), Sec-I of DOP, **Limited tender** for works shall be invited in case of urgency having limited source, in unavoidable circumstances with the approval of next higher authority.

In view of the above, Competent Authority may be requested for further instruction regarding processing of the proposal.

Submitted for perusal and further needful please.

ID: 031
Noted By: Biswajit Sinha
Noted On: 26/03/2025 Time : 11:18:45

Forwarded To : Chandra Prasad Saikia

Evaluation of the proposal submitted at note no.31 may be seen.

As stated by EIC, award of the contract inviting limited tender in place of open tender may be agreed due to local issue.

Accordingly, EIC has submitted a list of local contractor for issue of limited tender.

If agreed by HOP,KHPS proposal may be forwarded to next higher authority i.e. ED(O&M),NEEPCO for obtaining approval to award the work inviting limited tender as proposed by EIC.

Submitted for further needful please.

DGM(E/M),C&P

HOP,KHPS

ID: 032
Noted By: Chandra Prasad Saikia
Noted On: 26/03/2025 Time : 13:01:49

Forwarded To : Susanta Deka

Please offer views on conformity of DoP/ contract manual.

ID: 033
Noted By: Susanta Deka
Noted On: 26/03/2025 Time : 19:25:41

Forwarded To : Parag Saikia

Preceding notes may please be seen.

Please put up on comments at workflow#0033

ID: 034
Noted By: Parag Saikia
Noted On: 26/03/2025 Time : 20:31:14

Forwarded To : Vishvendra Gautam

Trailing notes may please be seen.

Initially the work was proposed to be executed through open tender under Cl:2(a), Sec-I of DOP as indicated at workflow #007. Accordingly, finance concurrence was obtained at workflow #0019.

CGM(Tech) in his note at **workflow #0021** recorded that local people are often requesting to get some work from NEEPCO on the ground that they are KHEP affected and deserved to execute some works for strengthening of their economy. Some of them are unemployed and intend to participate in award process of the said work through a Limited Platform.

The name of 5 nos. of the capable contractor's along with the valid documents has been given by the executing wing at **workflow #0027** for awarding the work through limited tender.

The site C&P has seen the list of contractors suggested by executing wing and forwarded the same for approval **(Refer workflow #0032)**

In terms of Cl:2(b), Sec-I of DOP and as recorded by C&P in his note at **workflow #0032** that if the list of contractors is agreed by HOP, KHPS, the proposal may be forwarded to next higher authority i.e. ED(O&M), NEEPCO for obtaining approval to award the work through limited tender as proposed by EIC.

Submitted for further needful please.

ID: 035
Noted By: Vishvendra Gautam
Noted On: 01/05/2025 Time : 12:11:22

Forwarded To : Parag Saikia

Preceding notes may please be seen.

In view of comments at workflow #0033, it is mentioned that in terms of DoP clause 2(b) Remarks, one of reasons for resorting to Limited Tender is "due to Urgency".
In view of above, urgency to carry out the job may please be established.

ID: 036
Noted By: Parag Saikia
Noted On: 08/05/2025 Time : 16:09:12

Forwarded To : Bhupendra Nath Sarkar

Trailing Note pl.

For needful please.

ID: 037
Noted By: Bhupendra Nath Sarkar
Noted On: 08/05/2025 Time : 17:14:40

Forwarded To : Jumdo Kamki

Trailing notes pl

submitted for further needful please as discussed.

ID: 038
Noted By: Jumdo Kamki
Noted On: 04/06/2025 Time : 12:33:12

Forwarded To : Bhupendra Nath Sarkar

Trailing Note pl.

The workflow ID#0036 may kindly be attended.

ID: 039
Noted By: Bhupendra Nath Sarkar
Noted On: 04/06/2025 Time : 12:40:58

Forwarded To : Utpal Borah

Trailing note please.

The entire stretch was damaged during the disaster occurred on 26.03.2022 and presently in poor condition . Most of the project activities are now in near completion and commissioning of the Units are also coming soon. Considering utility of the road in respect of maintenance of hydro structure components and operation of the gates, the instant work has to be taken up on urgent basis.

ID: 040
Noted By: Utpal Borah
Noted On: 04/06/2025 Time : 13:34:03

Forwarded To : Amrit kumar Borah

Earlier it was proposed to execute the work inviting open tender and accordingly finance had agreed (work flow 019).

Later on CGM (Tech) , HSM had proposed to execute the work inviting limited tender(work flow 0021)and accordingly list capable vendors recorded in the work flow 0027.

Urgency of the work recorded by CGM(Tech) HSM at work flow 0040.

However , the proposal is forwarded for further scrutiny before obtaining concurrence for inviting limited tender.

ID: 041
Noted By: Amrit kumar Borah
Noted On: 04/06/2025 Time : 16:02:42

Forwarded To : Gautam Kumar

A proposal duly recommended by CGM (Tech) for work "Reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point(Shillong-Lanka Road) to Khandong Surge Shaft (Chainage 0.00 M to Ch.1700.00 M, Length = 1.70 Km " processing through limited tender is received and following observations are made:

1. Executing authority has selected following local contractors for limited tender :
    1. Bichanon Bathari
    2. Gopan Bathari
    3. Khagendra Hojai
    4. Mukul Johari
    5. Welson Millick

2. Since the limited tender shall be processed on CPP portal, user id of the bidder is required to process the limited tender on the CPP portal. Therefore, following contractors whose user id was not available in C&P office, were requested to submit their user id of CPP portal :
    1. Bichanon Bathari
    2. Gopan Bathari
    3. Mukul Johari

3. Out of above mentioned 03 (Three) contractors Mukul johori and Gopan Bathari has submitted their user id . Contractors shri. Bichanon Bathari was requested and further reminded to submit his user id of CPP portal but he did not submitt the same. User ids details of the following 04 (Four) contractors are follows:
    1. Gopan Bathari, (CPP portal user id- gopanbathari12@gmail.com)
    2. Khagendra Hojai, (CPP portal User id- hojaikhagendra@gmail.com)
    3. Mukul Johari, (CPP portal user id- mukuljohori1@gmail.com)
    4. Welson Millick (CPP portal user id-gstapplication114@gmail.com)

4. It is to mention here that as per DOP clause 2 (b) remarks a, minimum 05 contractors are required for limited tender. in place of Bichanon Bathari, another capable contractor who is registered on CPP portal may be added to fulfill the criteria of minimum 05 contractors for limited tender.

Submitted for your kind perusal and further needful please.

ID: 042
Noted By: Gautam Kumar
Noted On: 17/06/2025 Time : 15:55:11

Forwarded To : Amrit kumar Borah
Attachments : Bichanon_Bathari_conversation**; Uploaded on :**17/06/2025 16:06:38

After repeated request Sri Bichanon Bathari, is not registered in CPP Portal for mapping his name in the limited tender.

Hence, executing authority may communicated with Sri Bichanon Bathari for early register his name in CPP Portal or may nominate other capable contractor whose name is already registered or can register within short time for further process of the limited tender.

Submitted please.

ID: 043
Noted By: Amrit kumar Borah
Noted On: 18/06/2025 Time : 09:34:31

Forwarded To : Utpal Borah

Trailing note.

For necessary early action please.

ID: 044
Noted By: Utpal Borah
Noted On: 18/06/2025 Time : 11:29:37

Forwarded To : Bhupendra Nath Sarkar

Trailing note pl.

For necessary action please.

ID: 045
Noted By: Bhupendra Nath Sarkar
Noted On: 19/06/2025 Time : 10:08:58

Forwarded To : Jumdo Kamki

Trailing note

Shri Bichanon Bathari did not register in the CPP portal for the tender process even after repeated requests by the C&P division. Another capable contractor from the previous list submitted by the association, Shri Biraj Hojai, has submitted necessary documents to this office for the tender process. **Docs copy attached -Annexure-H**

ID: 046

Noted By: Jumdo Kamki
Noted On: 03/07/2025 Time : 13:35:39

Forwarded To : Bhupendra Nath Sarkar
Attachments : Annexure-H**; Uploaded on :**03/07/2025 13:35:00

Trailing note plz

As desired by C&P division, a contractor having registered CPP portal submitted for further needful.

ID: 047
Noted By: Bhupendra Nath Sarkar
Noted On: 03/07/2025 Time : 13:40:59

Forwarded To : Utpal Borah

Trailing note please.

Additional information furnished at ID 0046 for further needful.

ID: 048
Noted By: Utpal Borah
Noted On: 03/07/2025 Time : 16:07:32

Forwarded To : Amrit kumar Borah

As desired the executing authority has nominated a name of capable contractor Shri Biraj Hojai for inviting limited tender in CPP portal.

Forwarded for further needful please.

ID: 049
Noted By: Amrit kumar Borah
Noted On: 03/07/2025 Time : 16:38:14

Forwarded To : Gautam Kumar

A proposal duly recommended by CGM (Tech) for "Reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point(Shillong-Lanka Road) to Khandong Surge Shaft (Chainage 0.00 M to Ch.1700.00 M, Length = 1.70 Km " processing through limited tender is received and following observations are made:

1. Executing authority has stated that the entire stretch was damaged during the disaster occurred on 26.03.2022 and presently in poor condition, Considering utility of the road in respect of maintenance of hydro structure components and operation of the gates, the instant work has to be taken up on urgent basis.
2. To improve the accessibility of the Kahdnong Surge Shaft, it is decided to execute the above mentioned work. Accordingly executing authority has prepared the estimate based on DSR 2023.
3. TFI comes Rs. 49,64,825.00 excluding GST.
4. executing authority has proposed to execute the instant work through limited tender (refer note id 0021).
5. Accordingly, executing authority has recommended following 05 (Five) nos. local contractor for limited tender based on their past experience and registration on CPP

portal.

6.

i). Welson Millick

ii). Mukul Johari

iii). Gopan Bathari

iv). Khagendra Hojai

v). Biraj Hojai

7. In terms of DOP clause No. 2 (b) of Sec -I, if the list of contractors agreed by HOP, KHPS, the proposal may be forwarded to next higher authority i.e. ED(O&M), NEEPCO for obtaining approval to award the work through limited tender (refer Note id 0032). However, prior to approval of the competent authority the instant proposal may be forwarded to the finance for concurrence

Submitted for your kind perusal and further needful please.

ID: 050
Noted By: Gautam Kumar
Noted On: 04/07/2025 Time : 12:50:49

Forwarded To : Amrit kumar Borah

Please refer the trailing notes recorded by Manager (C) C&P at work flow 0050.

Executing authority has recommended following 05 (Five) nos. local contractor for limited tender based on their past experience and registration on CPP portal for the works of " Reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point(Shillong-Lanka Road) to Khandong Surge Shaft (Chainage 0.00 M to Ch.1700.00 M, Length = 1.70 Km" .

1.

i). Welson Millick

ii). Mukul Johari

iii). Gopan Bathari

iv). Khagendra Hojai

v). Biraj Hojai

In terms of DOP clause No. 2 (b) of Sec -I, if the list of contractors agreed by HOP, KHPS, the proposal may be forwarded to next higher authority i.e. ED(O&M), NEEPCO for obtaining approval to award the work through limited tender (refer Note id 0032).

However, prior to approval of the competent authority the instant proposal is forwarded to the finance for concurrence

ID: 051
Noted By: Amrit kumar Borah
Noted On: 04/07/2025 Time : 16:39:31

Forwarded To : Dinesh Inrugbam

Please examined & put up

ID: 052
Noted By: Dinesh Inrugbam
Noted On: 13/07/2025 Time : 15:44:38

Forwarded To : Tuhin C Tariang

A proposal duly recommended by CGM (Tech) for "Reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point(Shillong-Lanka Road) to Khandong Surge Shaft (Chainage 0.00 M to Ch.1700.00 M, Length = 1.70 Km " processing through limited tender is received and following observations are made:

1. Executing authority has stated that the entire stretch was damaged during the disaster occurred on 26.03.2022 and presently in poor condition, Considering utility of the road in respect of maintenance of hydro structure components and operation of the gates, the instant work has to be taken up on urgent basis.
2. To improve the accessibility of the Khandong Surge Shaft, it is decided to execute the above mentioned work. Accordingly executing authority has prepared the estimate based on DSR 2023.
3. TFI comes Rs. 49,64,825.00 excluding GST.
4. executing authority has proposed to execute the instant work through limited tender (refer note id 0021).
5. Accordingly, executing authority has recommended following 05 (Five) nos. local contractor for limited tender based on their past experience and registration on CPP portal.
6.

    i). Welson Millick

    ii). Mukul Johari

    iii). Gopan Bathari

    iv). Khagendra Hojai

    v). Biraj Hojai

In terms of DOP clause No. 2 (b) of Sec -I, if the list of contractors agreed by HOP, KHPS, the proposal may be forwarded to next higher authority i.e. ED(O&M), NEEPCO for obtaining approval to award the work through limited tender (refer Note id 0032).

Finance may accord financial concurrence subject to the approval of Competent Authority.

Submitted for your kind perusal please.

ID: 053
Noted By: Tuhin C Tariang
Noted On: 06/08/2025 Time : 11:03:22

Forwarded To : Dinesh Inrugbam

Note on notesheet 0053 may please be seen

The proposal has concurred in finance on Note 0019 to execute the work through open tender. However, as per Note 0039, it is recorded the nature of work is in urgent and re-proposed to execute the work through Limited tender.

The reproposed to execute the work through Limited tender is agreed in line with urgent nature of work.

the proposal may be regulated in terms of DOP clause No. 2 (b) of Sec -I, if the list of contractors agreed by HOP, KHPS, the proposal may be forwarded to next higher authority i.e. ED(O&M), NEEPCO for obtaining approval to award the work through limited tender (refer Note id 0032).

Submitted

ID: 054
Noted By: Dinesh Inrugbam
Noted On: 07/08/2025 Time : 13:42:11

Forwarded To : Amrit kumar Borah

Site finance has scrutinized the proposal and concurred for inviting limited tender against the work for "Reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point(Shillong-Lanka Road) to Khandong Surge Shaft (Chainage 0.00 M to Ch.1700.00 M, Length = 1.70 Km " .

Estimated value come to Rs 49,64,825.00 excluding GST which was prepared based on the DSR 2023.

1. The CGM (Tech) HSM has proposed to execute the instant work through limited tender .(FLM 0021)
2. Accordingly, executing authority has recommended following 05 (Five) nos. local contractor for limited tender based on their past experience and registration on CPP portal.

   i). Sri Welson Millick

   ii). Sri Mukul Johari

   iii). Sri Gopan Bathari

   iv). Sri Khagendra Hojai

   v). Sri Biraj Hojai

In terms of DOP clause No. 2 (b) of Sec -I, if the list of contractors agreed by HOP, KHPS, the proposal may be forwarded to next higher authority i.e. ED(O&M), NEEPCO for obtaining approval to award the work through limited tender (refer Note id 0032).

Submitted for recommendation of the proposal for inviting limited tender in CPP portal for the aforesaid work limited to aforementioned contractors .

ID: 055
Noted By: Amrit kumar Borah
Noted On: 12/08/2025 Time : 15:57:05

Forwarded To : Ashim jyoti Bordoloi

This proposal is for reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point to Khandong Surge Shaft , for total Length of 1.70 Km . Estimate calculated based on DSR is Rs. 58,58,494.00 inclusive of GST.

Considering importance and worst condition of the road, CGM,HSM had proposed to execute the work inviting limited tender(work flow 0021)and accordingly list capable vendors recorded in the work flow 0027 and also at work flow 0040 mentioned for consideration on urgent basis.

Based on past experience and registration on CPP portal following local contractors are considered for limited tender.

i). Sri Welson Millick

ii). Sri Mukul Johari

iii). Sri Gopan Bathari

iv). Sri Khagendra Hojai

v). Sri Biraj Hojai

terms of DOP clause No. 2 (b) of Sec -I, forwarded with recommendation of approval ED(O&M), NEEPCO for procuring the work through limited tender amongst above entioned local contractors.

ED,O&M, HOP,KHPS.

ID: 056
Noted By: Ashim jyoti Bordoloi
Noted On: 12/08/2025 Time : 17:08:50

Forwarded To : Bijit Kr. Goswami

May please be seen.

ID: 057
Noted By: Bijit Kr. Goswami
Noted On: 12/08/2025 Time : 18:03:39

Forwarded To : Joypal Roy

Preceding FLM notes and attachments may kindly be referred.

The instant proposal pertains to "Reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point (Shillong-Lanka Road) to Khandong Surge Shaft (Chainage 0.00 M to Ch.1700.00 M, Length = 1.70 Km".

Initially, the intending authority proposed to be executed through open tender under Clause No. 2(a) of Section-I of DOP. However, at note #0021, CGM(C), KHPS recorded that proposed work to be executed through limited tender route as the local people are often requesting to get some work from NEEPO on the ground that they are KHEP affected and deserved for some works to execute for strengthening their economy. Some of them are unemployed and intend to participate in award process of the said work through a limited platform. Urgency of the work was also clarified by CGM (Tech) at his note #0040.

The estimate for the proposed work was reframed and total financial involvement is Rs. 49,64,825.00 excluding GST which was prepared based on the DSR 2023 and with GST Rs. 58,58,494/ (attached in

current).

The executing authority has proposed following 05 (Five) nos. local contractors for limited tender based on their past experience and registration on CPP portal.

i) Sri Welson Millick (Annexure-G)

ii) Sri Mukul Johari (Annexure-F)

iii) Sri Gopan Bathari (Annexure-D)

iv) Sri Khagendra Hojai (Annexure -E)

v) Sri Biraj Hojai (Annexure-H)

The credentials of the proposed local contractors have been scrutinized and found to be in order. HOP: KHPS has recommended that in terms of Clause No. 2(b) of Section-I of DOP for obtaining approval of ED(O&M) for inviting limited tender amongst above mentioned local contractors. Necessary concurrence from HoF is recorded at note #0054.

The proposal is recommended for approval of above mentioned 5(five) local contractors based on their credentials by ED(O&M) in terms of Clause No. 2(b) of Remarks Column b) of Section-I of DOP so that LNIT can be invited.

Submitted please.

ID: 058
Noted By: Joypal Roy
Noted On: 19/08/2025 Time : 16:06:24

Forwarded To : Bijit Kr. Goswami

Approved

ID: 059
Noted By: Bijit Kr. Goswami
Noted On: 19/08/2025 Time : 17:12:25

Forwarded To : Ashim jyoti Bordoloi

Approval of ED is forwarded for further needful please.

ID: 060
Noted By: Ashim jyoti Bordoloi
Noted On: 20/08/2025 Time : 13:12:26

Forwarded To : Amrit kumar Borah

Please process for inviting LNIT considering maximum bid submission period for the works.

ID: 061
Noted By: Amrit kumar Borah
Noted On: 20/08/2025 Time : 16:25:01

Forwarded To : Gautam Kumar

Sub: Formation of Tender opening & evaluation committee regarding:

As directed, Limited tender vide NIT NO. KHPS/C&P/2025-26/505 Dt. 26.08.2025 for "Reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point (Shillong-Lanka Road) to Khandong Surge Shaft (Chainage 0.00 M to Ch.1700.00 M, Length = 1.70 Km " was floated on CPP portal with bid opening date 15:30 hrs. of 19.09.2025

Therefore, in terms of DOP Annexure I "Constitution of Tender Committees" and Sec 4.5.1 of Vol 1 of C&P manual, a committee may be constituted for opening and evaluation of the bid.

Submitted for kind perusal and further instruction please.

Detailed-NIT-505

ID: 062
Noted By: Gautam Kumar
Noted On: 03/09/2025 Time : 10:02:39

Forwarded To : Amrit kumar Borah
Attachments : Detailed-NIT-505**; Uploaded on :**03/09/2025 10:02:24

The following officers may be nominated for formation of TOC /TEC against the NIT NO. KHPS/C&P/2025-26/505 Dt. 26.08.2025 Invited for "Reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point .

1. Sri B.N.Sarkar , Sr Manager (C) R&B.
2. Sri Gautam Kumar , Manager (C) C&P.
3. Sri Manik Kanti Nath A.O(F).

However any alternation may be initiated by the authority.

Submitted for according approval please.

ID: 063
Noted By: Amrit kumar Borah
Noted On: 03/09/2025 Time : 10:52:06

Forwarded To : Ashim jyoti Bordoloi

Agreed for the committee.

ID: 064
Noted By: Ashim jyoti Bordoloi
Noted On: 03/09/2025 Time : 19:34:08

Forwarded To : Amrit kumar Borah

Forwarded for further needful please.

ID: 065
Noted By: Amrit kumar Borah
Noted On: 04/09/2025 Time : 10:43:13

Forwarded To : Gautam Kumar

Please refer the attached letter.

Executing authority in his note 007 proposed to execute the instant work through open tender and the same was approved by competent authority with due finance concurrence. However prior to processing the open tender, executing authority had proposed to process the award of the instant work through limited tender option as per the request letters received from following 03 local association/office bearers : (Letterfromlocalgroups)

1. Shri. Samsing Engti, Executive member N.C Hills Autonomous Council.
2. Shri. Joybesh Warisa , Umrongso Local tribal contractors assosiations.
3. Shri. JoydeeP Langthasa, president BJP garampani mandal committee.

Accordingly, after scrutiny and approval of the ED (O&M) vide note id 0059, the limited tender vide LNIT no. **NIT NO. KHPS/C&P/2025-26/505 Dt. 26.08.2025** was processed on CPP portal with the following 05 nos. of bidders selected for limited tender:

1. Shri. Khagendra Hojai
2. Shri. Welson Millick
3. Shri. Gopan Bathari
4. Shri. Biraj Hojai
5. Shri. Mukul Johari

The bid was opened by bid opening committee on dated: 19.09.2025 and following 02 nos. of bidders have submitted their bids online:

1. Shri. Welson Millick
2. Shri. Khagendra Hojai

Technical bid evaluation is under process.

Now, Shri. Joydeep langthasa, president BJP Garampani Mandal committee mentioned at sl. No. 03 above, has requested to cancel the limited tender and re-tender through open tender mode.

Letter_Re_tendering

submitted for your kind perusal and needful please.

ID: 066
Noted By: Gautam Kumar
Noted On: 07/10/2025 Time : 16:17:21

Forwarded To : Amrit kumar Borah
Attachments : Letter_Re_tendering**; Uploaded on :**07/10/2025 16:11:53

Please refer the trailing notes of Manager (C) C&P at ID 0066.

The proposal was initiated for finalization of the contract inviting open tender.

But prior to processing the open tender, executing authority had proposed to process the award of the instant work through inviting limited tender as per the request letters received from local association/office bearers.

Accordingly, upon approval of ED (O&M), limited tender was invited with the nominated bidders selected by the authorities.

The bid was invited and opened and found following 02 nos. of bidders have submitted their bids .

1. Shri. Welson Millick
2. Shri. Khagendra Hojai

Technical bid evaluation is under process.

Now, one letter issued from president BJP Garampani Mandal committee mentioned and has requested to cancel the limited tender and re-tender through open tender mode. (copy attached).

HOP has suggested to do necessary action with consultation with GM (C).

As per DOP Cl no 16(A) tender may be cancelled after obtaining concurrence from finance and approval from the Competent authority.

Submitted for further comment please.

ID: 067
Noted By: Amrit kumar Borah
Noted On: 08/10/2025 Time : 11:42:20

Forwarded To : Parag Saikia

Preceding notes may please be seen.

Please refer the note of then CGM(Tech), EIC at workflow #005 wherein the requirement for repairing of the said roads was mentioned and proposed to carry out the work on the basis of open tender. Later on, the work was proposed to be carried out through limited tender by the EIC due to urgency & to fulfil the request of project affected local contractors. (Refer note at workflow #0021 & #0040).

Though the plants are commissioned as on date, it is to be mentioned that the road is still required to be repaired for attending maintenance of Surge Shaft gates as well as for attending duties by security staff.

Since the referred letter from president BJP Garampani Mandal committee has already been incorporated with the proposal, the decision may perhaps be taken up through TOC/TEC or as deemed fit by C&P please.

ID: 068
Noted By: Parag Saikia
Noted On: 22/10/2025 Time : 17:46:31

Forwarded To : Amrit kumar Borah

Please refer the pre-notes of the proposal:

For award of contract for “Reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point(Shillong-Lanka Road) to Khandong Surge Shaft (Chainage 0.00 M to Ch.1700.00 M, Length = 1.70 Km), a limited tender vide LNIT no. NIT NO. KHPS/C&P/2025-26/505 Dt. 26.08.2025 was invited on CPP portal with the following 05 nos. of bidders selected for limited tender:

1. Shri. Khagendra Hojai
2. Shri. Welson Millick
3. Shri. Gopan Bathari
4. Shri. Biraj Hojai
5. Shri. Mukul Johari

The estimated value of the contract was Rs. 58,58,494.00 (Rupees fifty eight lakhs fifty eight thousand four hundred ninety four only) inclusive of GST. The estimate has been prepared based on DSR-2023.

The expenditure against the work is chargeable under O&M Budget Estimate 2024-2025 of KHPS for repair and Maintenance of Road & Building.

The bid was opened by bid opening committee on dated: 19.09.2025 and following 02 nos. of bidders have submitted their bids online:

1. Shri. Welson Millick
2. Shri. Khagendra Hojai

Vide letter no: BJP/URSO/2025-26/AP.NO-049Dated 26.09.2025 , President of BJP , Garampani Mandal has submitted a letter for cancellation the bid. (copy attached).

However, later on vide letter no : BJP/URSO/2025-26/AP.NO-065 Dated 27.10.2025 the authority has requested to cancel their earlier latter. (copy attached).

Since, the President of BJP , Garampani Mandal has requested to cancel their earlier letter submitted for cancellation of the bid . As discussed with the authority, the proposal is forwarded for technical evaluation of the bid.

ID: 069
Noted By: Amrit kumar Borah
Noted On: 01/11/2025 Time : 10:15:50

Forwarded To : Gautam Kumar
Attachments : Withdrawal_letter**; Uploaded on :**01/11/2025 10:15:24

Sub: Techno-commercial Bids Evaluation Regarding:
Ref: -

i. This office NIT NO. KHPS/C&P/2025-26/505 Dt. 26.08.2025
ii. Administrative approval - Note Sheet/CW/R&B/T-44/94/KHEP/09/04/2024
iii. Estimated Amount: - Rs. 49,64,825.00 (excluding GST)

Vide this office NIT under reference above, bids were invited thourgh CPP Portal from following prospective bidders through limited tender for work “Reconstruction of damaged Khandong Surge Shaft Road from 5th Km Khandong Power Station Stage-II Junction point (Shillong-Lanka Road) to Khandong Surge Shaft (Chainage 0.00 M to Ch.1700.00 M, Length = 1.70 Km.” :

1. Shri. Biraj Hojai
2. Shri. Gopan Bathari
3. Shri. Khagendra Hojai
4. Shri Mukul Johari
5. Shri. Welson Millick

Accordingly, following 02 (Two) bidders participated in online bidding:

1. Khagendra Hoaji
2. Welson Millick

It is to mention here that total number of bidders participated in the bid can only be seen after opening of the technical bids. Bid submitted online by above mentioned bidders opened by Tender Opening Committee on dated 19.09.2025 Subsequently, Techno-Commercial bid evaluation was carried out by the Tender Evaluation Committee. Details of Tender Opening Committee report and Tender Evaluation Committee report are attached herewith. Due to nos. of bids received less than 03, cancelling of tender and retender will take another 2 to 3 months which will not be prudent considering the nature of the work.

Based on the evaluation carried out by TEC, committee has recommended to open the price bid of the following qualified bidders:

1. Welson Millick
2. Khagendra Hojai

The file may be forwarded to finance for further scrutiny and comments please.

TEC_Report

ID: 070
Noted By: Gautam Kumar
Noted On: 06/11/2025 Time : 11:17:45

Forwarded To : Amrit kumar Borah
Attachments :TEC_Report**; Uploaded on :**06/11/2025 11:15:42

Forwarded to the DGM(E/M) C&P with a request to make P.O.
Plant code: 1900, GL no: 4090103.
DGM(E/M), C&P
Dy. Mgr(C), CM
for M/D
15/7/2023
16/7
01/M

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम) / (A GOVERNMENT OF INDIA ENTERPRISE)
Website: www.neepco.co.in ::CIN:U40101ML1976GOI001658
सी एण्ड पी (सी) स्कंध / CONTRACT & PROCUREMENT (C) WING
कोपिली जल विद्युत संयत्र, उमरॉंग्सो, डिमा हसाओ, असम-788931
KOPILI HYDRO ELECTRIC PLANT, UMRANGSO, DIMA HASAO-788931. FAX 03670-288240, PH 03670-288036

ISO: 9001 & 14001
OHSAS 18001

No: NEEPCO/KHPS/C&P (C)/F-05/2023-2024/ 592

Date: 29/5/23.

To,

Sri Gopan Bathari, email - gopanbathari@gmail.com.
Contractor/Supplier,
Umrongso, Dima Hasao, Assam.

Sub: Order for **"Repairing and maintenance work of Khandong Dam at KHPS, NEEPCO Ltd., Umrongso, Dima Hasao, Assam".**

Dear Sir,

With reference to the above, the Corporation is pleased to confirm the order for Repairing and maintenance work of Umrong Dam at KHPS, NEEPCO Ltd., Umrongso, Dima Hasao, Assam whenever required as per the rates, terms & condition mentioned below:

Sl. No.	Description	Unit	Qnty	Rate (INR)	Amount (INR)
1	a) Clearing and removal of chocked ventilation pipes/ foamed drain holes clogged with dirt & dusts, soil particles, small broken stones and debires etc filled from the dam top and leaching formed in bottom sections complete by manual means. b) Cleaning and removal of leaching materials etc. deposited inside dam galleries at Roof tops, Side walls of both dams. c) Cleaning, washing and removal of sludge deposited on side walls, floors of Dam gallery and cross gallery and disposal of the same. d) Cleaning of chocked pressure release holes in foundation gallery. e) Removal of sludge from Pump Sumps. f) Cleaning of mosses, algae from downstairs of footpath to Approach Gallery				
2	Un-Skilled	Man days	437.00	477.00	208449.00
3	Semi-Skilled	Man days	36.00	557.00	20052.00
				Sub Total (A)	**228501.00**
4	Long bamboos to be used in cleaning of Ventilating holes & preparing Scafoldings inside Dam gallery.	LS		RS	35000.00
				Sub Total (B)	**263501.00**
				Add T&P charges@2.5% on (B)	6587.52
				Sub Total (C)	**270088.52**
				Add 10% Contractor's Profit on (C)	27008.85
				Add ESIC@3.25% on (A)	7426.28
				Add PF@12.68% on (A)	28973.93
				Sub Total (D)	**3,33,497.57**
				Add GST@18%	60029.56
				Grand Total	**3,93,527.13**
				Say	**3,93,527.00**

(Rupees Three Lakh Ninety Three Thousand Five Hundred Twenty Seven) only including GST.

Terms and conditions:

1. **Scope of work:** The essence of this contract is to Cleaning and Minor Repair work of Khandong Dam at KHPS, NEEPCO Ltd., Umrongso, Dima Hasao, Assam or any other works assigned by Engineer in charge as and when required.
2. **Contract Price & Payment:** The total value of the contract is **Rs.3,93,527.00 (Rupees Three Lakh Ninety Three Thousand Five Hundred Twenty Seven)** only inclusive of GST as applicable.

NEEPCO

OFFICE OF THE GENERAL MANAGER (CIVIL)
HYDRAULIC STRUCTURES MAINTENANCE
KOPILI HYDRO POWER STATION.
UMRONGSO: DIMA HASAO. ASSAM.

No:KHPS/HSM/GM(C)/F-67(13)/2023 / 1062. Date: 17/8/23

To
The Dy. General Manager (F)
KHPS NEEPCO Ltd
Umrongso, Dima Hasao, Assam

Sub:- Submission of Bill for Rep & Maint. works of Khandong Dam.

Sir,

Enclosed please find herewith the following bills in duplicate along with enclosures mentioned below for your necessary action please.

Sl No	Div. Bill No. & Date	Name of party/Contractors	MB No.	Amount
1	2	3	4	5
1/	KHPS/GM(C)/HSM-I/ F-67(13)/23-24/ 144 dtd 14/8/23	Gopen Bathari	—	₹ 216833/-

Yours' faithfully,

17/8/2023

GM (Civil), HSM

000682

GOPON BATHARI
CONTRACTOR & SUPPLIER
UMRONGSO, DIMA HASAO, ASSAM.788931.

ST No. -18AZHPB2944CIZQ
HONE NO. - 7002915857

BILL

Ref No: Date:

To,

The GM (C) HSM-II
KHPS NEEPCO Ltsd.
Umrongso, Dima Hasao, Assam.

Sub: **1st RA Bill for Repairing and maintenance work of Khandong Dam at KHPS, NEEPCO Ltd., Umrongso, Dima Hasao, Assam**

Period: - (30.05.2023 to 28.06.2023)

Ref W/O No. NEEPCO/KHPS/C&P (C)/F-05/2023-2024/592 Date: 29/05/2023

Dear Sir,

In reference to above, I hereby submit my bill as follow:

SL/No.	Description Items	Unit	Quantity	Rate	Amount	Remarks
1	a) Clearing and removal of chocked ventilation pipes/foamed drain holes clogged with dirt & dusts, soil particles, small broken stones and debris etc. filled from the dam top and leaching formed in bottom sections complete by manual means.					
	b) Cleaning and removal of leaching materials etc. deposited inside dam galleries at Roof tops, Side walls of both dams.					
	c)Cleaning, washing and removal of sludge deposited on side walls, floors of Dam gallery and cross gallery and disposal of the same.					
	d) Cleaning of chocked pressure release holes in foundation gallery.					
	e) Removal of sludge from Pump Sumps.					
	f) Cleaning of mosses, algae from downstairs of footpath to Approach Gallery					
2	Un-skilled	Man days	290	477	138330.00	
3	Semi-Skilled	Man days	15	557	8355.00	
				Sub Total Amount Rs.	**146685.00**	
				Add T&P Charge @ 2.5%	3667.13	
				Sub Total Rs.	**150352.13**	
				Add 10% Contractor's Profit on Rs.	15035.21	
				Add EPF @ 12.68%	18599.66	
				Total Amount Rs.	183987.00	
				GST 18%	33117.66	
				TOTAL	**217104.65**	

Contractor Sign.
Gopon Bathari

Certified that the 1st RA Bill for an amount of Rs 217104.65 (Rupees Two lakh Seventeen thousand o hundred four & Sixty five paisa) only including applicable @18%GST, verified and found in order in respe of Sri Gopan Bathari, Umrongso, Dima Hasao, Assam, against " Repairing and Maintenance work Khandong Dam, KHPS, NEEPCO Ltd, Dima Hasao, Assam"

Period of this Bill: (30.05.2023 to 28.06.2023)

PO No. 3700006157

SES No. 1000028259

Current A/c No. 41204213424

Barua
14/08/202

जी.सी. बरुआ/G.C. Baruah
~~प्रबंधक(सी)~~/Manager (C)
एचएसएम/HSM-II
केएचपीएस, नीपको, उमरांग्सो (असम)
KHPS, NEEPCO Umrongso (Assam)

17.8.2023
यू. बोरा / U.Borah
महाप्रबंधक(सी)/ General Manager(C)
एचएसएम/HSM.
केएचपीएस, नीपको लि., उमरॉग्सो (असम)
KHPS, NEEPCO LTD., Umrongso (Assam)

OFFICE OF THE CHIEF GENERAL MANAGER (CIVIL),
HYDRAULIC STRUCTURES MAINTENANCE,
KOPILI HYDRO POWER STATION.
UMRANGSO : DIMA HASAO . ASSAM.

No: KHPS/CGM (C)/HSM/ T-67(B)/2023-24/ 152 Date 06/07/24.

To,
The Dy. Manager (F),
KHPS NEEPCO Ltd,
Umrangso , Dima Hasao , Assam.

Sub:- Submission of Works Bill

Sir,

Enclosed please find herewith the following bills in duplicate along with enclosures Mentioned below for your necessary action please.

SL No	Divn , Bill No. & Date	Name of party/contractors	MB No.	Amount
1	2	3	4	5
(1)	KHPS/CGM (C)/HSM/ T-67(B)/24-25/ 25 dtd 06/07/2024	Khagendra Hojai.	10319	6,47,985=00
(2)	KHPS/CGM (C)/HSM/ T-67(B)/24-25/ 26 dtd 06/07/24	Sumit Sharma	10318	6,47,985=00
			Total Rs.	13,95,970=00

Yours faithfully,

CGM (civil) HSM.
KHPS, Umrongso.

North Eastern Electric Power Corporation Limited

SERVICE ENTRY SHEET

Service Entry Sheet No.	: 1000042530	**Service Entry Date**	: Jun 28, 2024
Entry Made by	: 5212 (BHUPEN BORKAKATI)		
Plant	: 1900-KHANDONG STAGE I - CAPEXKHANDONG STAGE I - CAPEX		
Vendor Name	: 500298-SUMIT SHARMA		
Vendor Address	: UMRONGSO, DIMA HASAO, ASSAM , UMRONGSO , ASSAM		
PO/WO Number	: 3700009714		
PO/WO Item No. & Desc.:	10 - CONST OF RCC BLOCK GR B AT KH PS		
PO/WO Subject	: Detailed Work Order for "Construction of RCC blocks (dead weight) forload test of EOT crane at Khandong Power Station,		
PO Validity Start Date	: Jul 4, 2024	PO Validity End Date	: Aug 3, 2024
Service Header Text	: CONSTN OF RCC BLOCK GR-B	Doc.Text	:
Pr	: RM-192312 - CONST OF RCC BLOCK GR B AT KH PS		
WBS Element	: RM-192312 - WBS ELEMENT RM-192312		
Network	: 6001242 - CONST OF RCC BLOCK GR B AT KH PS		

S.No	Service No.	Description	Quantity	UOM	Unit Price (INR)	OH Charge %	Amount(INR)
1	10009127	**Providing and laying in position RCC ( )**	25.000	M3	7,665.88		191,647.0
2	10009133	**Centering and shuttering E) Columns ( )**	125.000	M2	814.63		101,828.7
3	10000161	**Reinforcement work upto plinth level ( )**	2,797.200	KG	91.40		255,664.0
						Total :INR	549,139.8
		Net Value Incl. Tax (Tax Code :N5-Input CGST (9%) + SGST (9%) Non-Deductible):INR					647,985.8

05-07-2024

वी. बोरकाकती/B. Borkakaty
उप प्रबंधक (सी) / Dy Manager (C)
एचएसएम/HSM
केएचपीएस, नीपको, उमरांग्सो (असम)
KHPS, NEEPCO, Umrongso (Assam)

Seal & Signatur

उत्पल बोरा / Utpal Bora
मुख्य महाप्रबंधक (तकनीकी)/CGM (Tech)
एचएसएम / HSM
केएचपीएस, नीपको, उमरांग्सो (असम)
KHPS, NEEPCO, Umrongso (Assam)

O/C

AUDIT SLIP

1	Name of the contractor	Sri Khagendra Hojai
2	Brief description of work	Construction of RCC Concrete Block for load test of E Crane at Khandong Power Station, KHPS, NEEPCO Ltd., Umrongso, Dima-Hasao, Assam [Group-A]
3	Work Order No & Date	P.O. No. 3700009717 dtd. 02.02.2024
4	Agreement No & Date	NEEPCO/KHPS/C&P(C)/F-06/2024-2025/69 dtd. 04.07.2024
5	Nature of work wheather temporary or permanent	Permanent
6	Ownership of work	NEEPCO, Umrongso
7	Bill No & Date	First & Final Bill
8	Period of work covered by the bill	25.04.2024 to 08.06.2024
9	Date of completion of work as per agreement	08.06.2024
10	Actual date of completion	08.06.2024
11	a) Period for which extension is applied	Not required
	b) Period for which extension is granted,	NA
12	if so with or without liquidated damage	NA
13	Whether transit passed/F.R.C.C./cash memo submitted	To be deducted by F&A Wing, KHPS
14	Whether there is any escalation clause	No
15	Whether there is any outstanding liabilities against the work	No
16	Whether site has been cleared after completion of work	Yes
17	Whether utilization statement submitted	Yes
18	Whether bill has been Technically checked	Yes
19	Whether Recovery statement submitted	N/A
20	Whether any special reference	10318 (enclosed here with)
21	Percentage of Test Check by.....	
	1) Manager (C)/Dy. Manager (C)----	100%
	2) Engineer In-charge ----------	5%

6/7/24
Engineer In-charge
HSM, KHPS, NEEPCO, Umrongso

05-07-2024
Deputy Manager (C)
HSM, KHPS, NEEPCO

CO Shedule II - Work 10 (A)

North Eastern Electric Power Corporation Ltd.

RUNNING ACCOUNT BILL C

For Contractors and Suppliers. This form provides only for Payments for works or supplies actually measured

Cash Book Voucher No. **Date:-**

Name of Contractor or Supplier : Sri Sumit Sharma

Name of works- Construction of RCC Concrete Block for load test of EOT Crane at Khandong Power Station, KHPS, NEEPCO Ltd., Umrongso, Dima-Hasao, Assam [Group-B]

Purpose of Supply-

Serial No. of this Bill Work- 1st & Final Bill.

No. and Date of his last Bill for this work- Nil

Agrement No. - NEEPCO/KHPS/C&P(C)/F-06/2024-2025/68 dtd. 04.07.2024

Work Order No. - P.O. No.-**3700009714** dtd. 04.07.2024

Date of commencement: 25.04.2024

Date of handing over of site : 25.04.2024

Date of completion of work- 08.06.2024

1-Accounts of work done or supplies made

Unit	Quantity executed (Or supplied up to date as per measurement book)	Item of work or supplies (Grouped" under subheads" and "sub-work" of estimate)	Rate	Amount		Remarks
				Up to date	*Since previous bill (Total for each sub-head)	
1	2	3	4	6	5	7
			Rs P	Rs P P	Rs P	
Kg	2797.20	**Item No.1:** Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.	91.40	255664.08		
Sqm	125.000	**Item No.2**: Centering and shuttering including strutting, propping etc. and removal of form for: 5.9.6 Columns, Pillars, Piers, Abutments, Posts and Struts	814.63	101828.75		
Cum	25.000	**Item No.3:** Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :5.1.2 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size de rived from natural sources)	7665.88	191647.00		
			Total Rs.	**5,49,139.83**		

* The full name of the work as given in the estimate should be entered here except in the case of bills for stock materials.
* The purpose of supply "applicable to the cash should be filled in and the rest scored out."
* If the outlay on the work is recorded by sub-heads, the total for each sub-heads should be shown in column 5 and against this total here should be an entry in column 6 also. In no other case should any entries be made in column 6.

Unit	Quantity executed (Or supplied up to date as per measurement book)	Item of work or supplies (Grouped" under subheads" and "sub-work" of estimate)	Rate	Amount Up to date	Amount *Since previous bill (Total for each sub-head)	Remarks
1	2	3	4	5	6	7
			Rs P	Rs P	Rs P	
			B/F Rs.	549139.83		

Total value of work done [A]	Rs	549139.83		
CGST @ 9% [B]	Rs	49422.58		
SGST @ 9% [C]	Rs	49422.58		
Deduct- value of work shown on previous bill	Rs	Nil		
Net value of work since previous bill		N/A		
Total amount [A]+[B]+[C]	**Rs.**	**6,47,985.00**		

Figure (F) in words:- (Rupees six lakhs forty seven thousand nine hundred eighty five) only

II- Certificates and signature

The measurement were made by .....me.....on .....***as mentioned***.....and are recorded at Page No.

01 to 11 of MB No. 10318. No advanvce payment has been made previously without detailed measurements.

05-07-2024

बी. बोरकाकती/B. Borkakaty
उप प्रबंधक(सो)/Dy Manager (C)
एचएसएम/HSM-II
केएचपीएस, नीपको, उमरोंग्सो (असम)
KHPS, NEEPCO, Umrongso (Assam)

Thumb Impression or
Dated Signature of Contractor

Dated Signature of the officer
Preparing payment

6/7/24

उत्पल बोरा / Utpal Borah
मुख्य महाप्रबंधक (तकनीकी)/CGM (Tech)
एचएसएम/HSM
केएचपीएस, नीपको, उमरोंग्सो (असम)
KHPS, NEEPCO, Umrongso (Assam)

Signature of Engineer in-charge

This signature is necessary only when the officer preparing the bill is not the officer who authorise the payment. In such case two signature are essential.

North Eastern Electric Power Corporation Limited

SERVICE ENTRY SHEET

Service Entry Sheet No.	: 1000042528	**Service Entry Date**	: Jun 28, 2024
Entry Made by	: 5212 (BHUPEN BORKAKATI)		
Plant	: 1900-KHANDONG STAGE I - CAPEXKHANDONG STAGE I - CAPEX		
Vendor Name	: 500185-KHAGENDRA HOJAI		
Vendor Address	: UMRONGSO, DIMA HASAO, ASSAM , UMRONGSO , ASSAM		
PO/WO Number	: 3700009717		
PO/WO Item No. & Desc.:	10 - CONST OF RCC BLOCK GR A AT KH PS		
PO/WO Subject	: Detailed Work Order for "Construction of RCC blocks (dead weight) forload test of EOT crane at Khandong Power Station,		
PO Validity Start Date	: Jul 4, 2024	PO Validity End Date	: Aug 3, 2024
Service Header Text	: CONSTN OF RCC BLOCK GR-A	Doc.Text	:
Project	: RM-192311 - CONST OF RCC BLOCK GR A AT KH PS		
WBS Element	: RM-192311 - CONST OF RCC BLOCK GR A AT KH PS		
Network	: 6001241 - CONST OF RCC BLOCK GR A AT KH PS		

S.No	Service No.	Description	Quantity	UOM	Unit Price (INR)	OH Charge %	Amount(INR)
1	10009127	**Providing and laying in position RCC ( )**	25.000	M3	7,665.88		191,647.0
2	10009133	**Centering and shuttering E) Columns ( )**	125.000	M2	814.63		101,828.7
3	10000161	**Reinforcement work upto plinth level ( )**	2,797.200	KG	91.40		255,664.0
						Total :INR	549,139.83
		Net Value Incl. Tax (Tax Code :N5-Input CGST (9%) + SGST (9%) Non-Deductible):INR					647,985.83

उत्पल बोरा / Utpal Borah
मुख्य महाप्रबंधक (तकनीकी)/CGM (Tech)
एचएसएम / HSM
केएचपीएस, नीपको, उमरोंग्सो (असम)
KHPS, NEEPCO, Umrongso (Assam)

05-07-2024
बी. बोरकाकाटी / B. Borkakaty
उप प्रबंधक (सं) / Dy.Manager (C)
एचएसएम / HSM
केएचपीएस, नीपको, उमरोंग्सो (असम)
KHPS, NEEPCO, Umrongso (Assam)

Seal & Signatur

AUDIT SLIP

1	Name of the contractor	Sri Khagendra Hojai
2	Brief description of work	Construction of RCC Concrete Block for load test of EOT Crane at Khandong Power Station, KHPS, NEEPCO Ltd., Umrongso, Dima-Hasao, Assam [Group-A]
3	Work Order No & Date	P.O. No. 3700009717 dtd. 02.02.2024
4	Agreement No & Date	NEEPCO/KHPS/C&P(C)/F-06/2024-2025/69 dtd. 04.07.2024
5	Nature of work wheather temporary or permanent	Permanent
6	Ownership of work	NEEPCO, Umrongso
7	Bill No & Date	First & Final Bill
8	Period of work covered by the bill	25.04.2024 to 08.06.2024
9	Date of completion of work as per agreement	08.06.2024
10	Actual date of completion	08.06.2024
11	a) Period for which extension is applied	Not required
	b) Period for which extension is granted,	NA
12	if so with or without liquidated damage	NA
13	Whether transit passed/F.R.C.C./cash memo submitted	To be deducted by F&A Wing, KHPS
14	Whether there is any escalation clause	No
15	Whether there is any outstanding liabilities against the work	No
16	Whether site has been cleared after completion of work	Yes
17	Whether utilization statement submitted	Yes
18	Whether bill has been Technically checked	Yes
19	Whether Recovery statement submitted	N/A
20	Whether any special reference	10319 (enclosed here with)
21	Percentage of Test Check by.....	
	1) Manager (C)/Dy. Manager (C)----	100%
	2) Engineer In-charge ----------	5%

Engineer In-charge
HSM, KHPS, NEEPCO, Umrongso

05-07-2024
Deputy Manager (C)
HSM, KHPS, NEEPCO

Shedule II - Work 10 (A)

North Eastern Electric Power Corporation Ltd.

RUNNING ACCOUNT BILL C

For Contractors and Suppliers. This form provides only for Payments for works or supplies actually measured

Cash Book Voucher No. **Date:-**

Name of Contractor or Supplier : Sri Khagendra Hojai

Name of works- Construction of RCC Concrete Block for load test of EOT Crane at Khandong Power Station, KHPS, NEEPCO Ltd., Umrongso, Dima-Hasao, Assam [Group-A]

Purpose of Supply-

Serial No. of this Bill Work- 1st & Final Bill.

No. and Date of his last Bill for this work- Nil

Agrement No. - NEEPCO/KHPS/C&P(C)/F-06/2024-2025/69 dtd. 04.07.2024

Work Order No. - P.O. No.-**3700009717** dtd. 04.07.2024

Date of commencement: 25.04.2024

Date of handing over of site : 25.04.2024

Date of completion of work- 08.06.2024

1-Accounts of work done or supplies made

Unit	Quantity executed (Or supplied up to date as per measurement book)	Item of work or supplies (Grouped" under subheads" and "sub-work" of estimate)	Rate	Amount		Remarks
				Up to date	*Since previous bill (Total for each sub-head)	
1	2	3	4	6	5	7
			Rs P	Rs P P	Rs P	
Kg	2797.20	**Item No.1:** Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.	91.40	255664.08		
Sqm	125.000	**Item No.2**: Centering and shuttering including strutting, propping etc. and removal of form for: 5.9.6 Columns, Pillars, Piers, Abutments, Posts and Struts	814.63	101828.75		
Cum	25.000	**Item No.3**: Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :5.1.2 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size de rived from natural sources)	7665.88	191647.00		
			Total Rs.	**5,49,139.83**		

* The full name of the work as given in the estimate should be entered here except in the case of bills for stock materials.
* The purpose of supply "applicable to the cash should be filled in and the rest scored out."
* If the outlay on the work is recorded by sub-heads, the total for each sub-heads should be shown in column 5 and against this total here should be an entry in column 6 also. In no other case should any entries be made in column 6.

Unit	Quantity executed (Or supplied up to date as per measurement book)	Item of work or supplies (Grouped" under subheads" and "sub-work" of estimate)	Rate	Amount Up to date	*Since previous bill (Total for each sub-head)	Remarks
1	2	3	4	5	6	7
			Rs P	Rs P	Rs P	
			B/F Rs.	549139.83		
		Total value of work done [A]	Rs	549139.83		
		CGST @ 9% [B]	Rs	49422.58		
		SGST @ 9% [C]	Rs	49422.58		
		Deduct- value of work shown on previous bill	Rs	Nil		
		Net value of work since previous bill		N/A		
		Total amount [A]+[B]+[C]	Rs.	6,47,985.00		
		Figure (F) in words:- (Rupees six lakhs forty seven thousand nine hundred eighty five) only				

II- Certificates and signature

The measurement were made by .....me.....on .....***as mentioned***.....and are recorded at Page No.

01 to 11 of MB No. 10319. No advanvce payment has been made previously without detailed measurements.

05/07/2024

Thumb Impression or

Dated Signature of Contractor

Khagendra Hojai
Civil Contractor & Supplier
Umrangso, Dima Hasao

05-07-2024

बी. बोरकाकती/B. Borkakaty
उप प्रबंधक (सी)/Dy Manager (C)
Dated Signature of the officer
Preparing payment
KHPS, NEEPCO, Umrongso (Assam)

6/7/24

उत्पल बोरा / Utpal Bora
मुख्य महाप्रबंधक (तकनीकी)/CGM (Tech)
Signature of Engineer in-charge
कोपचपाएस, नीपको, उमरांग्सो (असम)
KHPS, NEEPCO, Umrongso (Assam)

This signature is necessary only when the officer preparing the bill is not the officer who authorise the payment. In such case two signature are essential.

OFFICE OF THE CHIEF GENERAL MANAGER (CIVIL)
HYDRAULIC STRUCTURES MAINTENANCE
KOPILI HYDRO POWER STATION
UMRONGSO : DIMA HASAO, ASSAM

No: KHPS/CGM (C)/HSM/F-67(B)/2023-24/ 166 Date 24/07/24

To
The Dy. General Manager (F)
KHPS, NEEPCO Ltd,
Umrongso , Dima Hasao , Assam.

Sub:- Submission of Bill for Repairing of 2(two) nos. of HP open well (Lubi make) Submersible pump.

Sir,

Enclosed please find herewith the following bills in duplicate along with enclosures Mentioned below for your necessary action please

SL No	Divn , Bill No. & Date	Name of party/contractors	MB No.	Amount
1	2	3	4	5
1.	KHPS/CGM (C)/HSM/ F-67(B)/2024-25/ 30 dtd 24/07/24	Om Sai Radha Krishna Electrical Works.	—	₹.54988/-

Your`s faithfully,

24/7/24
CGM (civil) HSM
KHPS, Umrongso.

North Eastern Electric Power Corporation Limited
(Mini Ratna, Category-I, A Subsidiary of NTPC Ltd.)

SERVICE ENTRY SHEET

Service Entry Sheet No.	: 1000042817	**Service Entry Date**	: Jul 10, 2024
Created By	: 5258 (BIKON LONGMAILAI)		
Plant	: 1900-KHANDONG STAGE I - CAPEXKHANDONG STAGE I - CAPEX		
Vendor Name	: 105304-OM SRI RADHA KRISHNA ELECTRICALWORKS		
Vendor Address	: LANKA , LANKA , HOJAI , ASSAM		
PO/WO Number	: 3700009497		
PO/WO Item No. & Desc. :	10 - REPAIR OF 2 NOS PUMP . .		
PO/WO Subject	: Work order for " Repairing of 2(two) nos. of 15 HP open well (Lubi make)submersible pump"		
PO Validity Start Date	: Jun 19, 2024	PO Validity End Date	: Jun 30, 2024
Service Header Text	: 1ST & FINAL BILL	Doc.Text	: 03.07.2024
Cost center	: 1130200121-HYDRO STRUCTURE MAINTENANCE(DAM & SPILL)		

S.No	Service No.	Description	Quantity	UOM	Unit Price (INR)	OH Charge %	Amount (INR)
1		Repairing of 15 HP Lubi make Openwell su ( )	1.000	NO	20,300.00		20,300.00
2		Repairing of 15 HP Lubi make Openwell su ( )	1.000	NO	20,300.00		20,300.00
3		Rear bearing with 125mm new carbon. ( )	2.000	NO	3,000.00		6,000.00
					Total :INR		46,600.00
					Net Value Incl. Tax (Tax Code :N5-Input CGST (9%) + SGST (9%) Non-Deductible):INR		54,988.00

Remarks : 1st & Final bill, No GST registration of Vendor.

10/7/24

Seal & Signature

BILL

. 853

9435661774
8751972693
8011334717

OM SRI RADHA KRISHNA ELECTRICAL WORKS

Station Road : Lanka-782446 : Hojai (Assam)

To, The C G M (O), HSM Hydro
NEEPCo Ltd. Umrangso.

Date 03/07/2024

Name: Bill for repair of 2 Nos. 15 HP Openwell (Lubi make) Submersible pump.

Address Order No.: 3700009497 dtd 10.06.2024

PARTICULARS	Qty	Rate	Amount Rs.	Amount P.
10.10 Repaire of 15 HP Lubi make Openwell Submersible pump No 52211934	1	20,300.00	20300	00
10.20 Repaire of 15 hp Lubi make Openwell Submersible pump No 52324508	1	20300.00	20300	00
10.30 Rear bearing with 125 mm mild carbon	2	3000.00	6000	00
		TOTAL	46,600	00

Delivery Date .....

(Rupees forty six thousand six hundred only

A/C No. 30369939572
N.B.- Only 6 months validity
Ifsc : SBIN0009144

OM SRI RADHA KRISHNA ELECTRICAL WORKS
Station Road : Lanka (782446)
Hojai (Assam)
Signature

Drill rectified and found correct. Rs 46600.00 (Rupees forty six thousand six hundred only for repairing of 2 nos of Pump 15 HP open well submersible (Leibi make) pump for Lahowaleng P.S. site.

PO: 3700009497

SES: 1000042817

10/7/2024

बी. लॉंगमाईलाई/B. Longmailai
Manager (C)
(ASM - I)
(Assam)
(Assam)

24/7/24

NORTH EASTEN ELECTRIC POWER CORPORATION
(A Govt of INDIA ENTERPRISE)
OFFICE OF THE CHIEF GENERAL MANAGER (CIVIL)
HYDRAULIC STRUCTURES MAINTENANCE
KOPILI HYDRO POWER STATION
UMRONGSO: DIMA HASAO, ASSAM

No: NEEPCO/KHPS/CGM (C)/HSM/T-67(B)/2024-25/ 311 Date 18/11/2024.

To,
The Dy. Manager (F),
KHPS, NEEPCO Ltd,
Umrongso, Dima Hasao, Assam.

Sub: - Submission of Labour Supply Bill.

Sir,

Enclosed please find herewith the following bills in duplicate along with enclosures Mentioned below for your necessary action please.

SL No	Divn , Bill No. & Date.	Name of party/contractors.	BTS, ID.	M.B	Amount.
1	2	3	4	5	6
1	KHPS/CGM(C)/HSM/ T-67 (B)/2024-25/71 DTD 14/11/2024	Ramsing Ronghi	3700009067-B24-000003	_____	Rs 64187/-

Yours' faithfully,

18/11/24
CGM (civil) HSM,
KHPS, Umrongso.

North Eastern Electric Power Corporation Limited

Miniratna : Category-I PSU, A fully Owned Subsidiary of NTPC Ltd.

SERVICE ENTRY SHEET

Service Entry Sheet No.	: 1000047773	**Service Entry Date**	:	Nov 13, 2024
Created By	: 5258 (BIKON LONGMAILAI)			
Plant	: 1900-KHANDONG STAGE I - CAPEXKHANDONG STAGE I - CAPEX			
Vendor Name	: 500382-RAMSING RONGHI			
Vendor Address	: NEW GARAMPANI,UMRONGSO , UMRONGSO , ASSAM			
PO/WO Number	: 3700009067			
PO/WO Item No. & Desc.	: 10 - SUPLLY OF MANPOWER			
PO/WO Subject	: Support Service for assisting in day to day supervision of HydroMechanical Works under HSM at KHPS by providing 04 (Four) Nos of Skilled labour for a period of 12(Twelve) Months w.e.f 01.01.2024			
PO Validity Start Date	: Jan 1, 2024	PO Validity End Date	:	Dec 31, 2024
Service Header Text	: SUPPORT SERVICE- FOR OCT,2024	Doc.Text	:	04.11.24
Cost center	: 1190000121-HYDRO STRUCTURE MAINTENANCE (DAM & SPILL			

S.No	Service No.	Description	Quantity	UOM	Unit Price (INR)	OH Charge %	Amount (INR)
1		2 no. of skilled manpower ( )	2.000	MON	21,270.00		42,540.00
2		PF @ 12.68% ( )	0.083	LS	64,728.86		5,372.50
3		contractor profit @ 10% ( )	0.083	LS	51,048.00		4,236.98
					Total :INR		52,149.48
					Net Value Incl. Tax (Tax Code :N5-Input CGST (9%) + SGST (9%) Non-Deductible):INR		61,537.48

Remarks : Add difference of VDA i) VDA Rs 1800.00, ii)VDA PF Rs 228.00 & iii)contrcators profit Rs 180.00

Seal & Signature

RAMSING RONGHI

RSR Construction & Other Services

Contractor & Order Supplier

Umrongso:: Dima Hasao, Assam. 788931.

सूक्ष्म, लघु एवं मध्यम उद्यम
MICRO, SMALL & MEDIUM ENTERPRISES
Registration No. UDYAM-AS-11-0000003
Pan Card No: AUOPR4108G
GSTIN No: 18AUOPR4108G1ZD

Ref No: RSR/BLbrHSM/B-1/2024-25/ 198 *Date* ....04./..11../2024.....

BILL CUM TAX INVOICE

To,

The Chief General Manager (C) HSM
KHEP NEEPCO Ltd.
Umrongso, Dima Hasao.

Sub: Submission of bill for the month of October' 2024.

Name of Work: Support service for assisting in day-to-day supervision of Hydro Mechanical works under HSM at KHPS by providing 04 (Four) Nos of Skilled labours for a period of 12 (Twelve) months w.e.f 01/01/2024.

Ref P.O No: 3700009067 Dt. 02/05/2024

Sl/ No.	Item Description/Particulars	HSN Code	Unit	Additional Reference	Rate	Qty.		Total Amount
						Labours (Nos)	Months/ Days	
1	Supply of Skilled workers		Per Labour per month	Order of CLC, New Delhi, Dtd. 03/04/23	21270	2	1	42540.00
2	Supply of Semi-skilled workers				0	0	0	0.00
3	Supply of Semi-skilled worker New				0	0	0	0.00
4	Supply of Un-Skilled worker				0	0	0	0.00
5							(A) Total Rs.	**42540.00**
6	PF Employers Cont.@12.68% on Rs. 42540.00							5394.00
7	Contractor's Profit @ 10% on Rs. 42540.00							4254.00
8	**VDA effect from April 2024 & Sep 2024**		**Order of CLC, New Delhi, Dtd. 01/04/2024 & 25/09/2024**					
9	VDA Skilled workers	**25**	30	**750**	2	1	1500	
10	VDA Semi-skilled workers	**5**	30	**150**	2	1	300	
11	VDA Un-Skilled workers	**0**	0	**0**	0	0	0	
12							**Total VDA Amount Rs.** **1800.00**	1800.00
13	VDA PF Employers Cont.@12.68% on Rs. 1800.00							228.00
14	VDA Contractor's Profit @ 10% on Rs. 1800.00							180.00
15							(B) Sub Total Rs.	**54396.00**
16	Fringe Benefit of Skilled workers New				0	0	0	0.00
17	Fringe Benefit of Semi-skilled workers				0	0	0	0.00
18	Fringe Benefit of Un-Skilled workers				0	0	0	0.00
19	Incentive per Month				0	0	0	0.00
20								0.00
21								0.00
22							Total Amount Rs.	**54396.00**
23							GST @18% Rs.	9791.28
24							Grand Total Rs.	**64187.28**
25							Say Total Amount Rs.	**64187.00**
26	Total Amount **(Rupees Sixty-Three Thousand Seven Hundred Fifty-Three)** Only.							

For Sign.
SHRI. RAMSING RONGHI

Account Details: *Bank Name: State Bank Of India*
Account No: 36043395605
IFSC Code: SBIN0004812
Branch Name: KHEPA (Garampani)

Present Address: *Rongbinong Umrongso*
Dist. Dima Hasao. Assam.
Pin: 788931.

Phone No. : *+918133832983/+918399088016*
Email: *ronghiworkscontract@gmail.com*

Certified that the work is in progress as per direction of the department.

1. Bill verified for Rs.64187.00 (Rupees sixty four thousand one hundred eighty seven) only including GST and found to be in order.

2. Bill for "support service for assisting in day to day supervision of hydro mechanical works under HSM, at KHEP by providing 4 nos of skilled labour for a period of 12 months w.e.f.01.02.2024.

3. Bill recorded in the bill register for the month of Oct,**2024** (from 01.10.24 to 31.11.24) & Amount is chargeable to "O & M " under kopili HYDRO Electric Plant during the year 2024-25 & 2025-26.

4. Vendo Name: 500382- Ramsing Ronghi

5. Cost centre=1190000121

6. SAP P.O No.3700009067

7. SES No. 1000047773

8. BTS No.3700009067-B24-000003

14/11/2024

बी. लोंगमाईलाई/B. Longmailai
प्रबंधक (सी) / Manager (C)
एचएसएम - I / HSM - I
केएचपीएस, नीपको, उमरंगसो (असम)
KHPS, NEEPCO, Umrongso (Assam)

18/11/24

यू. बोरा / U. Borah
अ-महाप्रबंधक (सी) / Chief General Manager (C)
एच एस एम / HSM
के एच पी एस, नीपको लि.,उमरंगसो (असम)
KHPS NEEPCO Ltd., Umrongso (Assam)

North Eastern Electric Power Corporation Limited

Miniratna : Category-I PSU, A fully Owned Subsidiary of NTPC Ltd.

SERVICE ENTRY SHEET

Service Entry Sheet No .	:	1000060314	**Service Entry Date**	: Aug 12, 2025
Entry Made by	:	5212 (BHUPEN BORKAKATI)		
Plant	:	1900-KHANDONG STAGE I - CAPEXKHANDONG STAGE I - CAPEX		
Vendor Name	:	500495-SURESH CHANDRA PAL		
Vendor Address	:	1403, XCLUSIVE TOWER , SPR IMPERIAL ESTATE , FARIDABAD , HARYANA		
PO/WO Number	:	3700009702		
PO/WO Item No. & Desc.:		30 - PERIOD FROM 01.01.2025 TO 31.05.2025		
PO/WO Subject	:	Engagement of Endependent Engineer (IE) for dispute avoidance againstthe work,"Civil works pertaining to restoration modernization of Khandong hydro power Station (2X23MW),Umrangso, Assam"All other terms & conditions shall be as per NEEPCO/KHPS/C&P(C)/F-05/2024-25/380 30.05.2024		
PO Validity Start Date	:	Jun 1, 2024	PO Validity End Date	: Dec 31, 2024
Service Header Text	:	ENGAGEMENT OF IE FOR KH CIVIL WORKS	Doc.Text	:
Project	:	RM-192404 - ENGAGEMENT OF IE FOR KH CIVIL WORKS		
WBS Element	:	RM-192404 - ENGAGEMENT OF IE FOR KH CIVIL WORKS		
Network	:	6001181 - ENGAGEMENT OF IE FOR KH CIVIL WORKS		

S.No	Service No.	Description	Quantity	UOM	Unit Price (INR)	OH Charge %	Amount(INR)
1	10009642	**Item 1: Retainership fee ( )**	3.000	MON	66,550.00		199,650.00
2	10009642	**Item 1: Retainership fee (4014000)**	2.000	MON	73,205.00		146,410.00
						Total :INR	346,060.00
						Net Value Incl. Tax (Tax Code :N6-Input IGST (18%) Non-Deductible):INR	408,351.00

Remarks : The Bill is for extended period from 01.01.2025 to 31.05.2025

Seal & Signature

T-89(B)

NORTH EASTEN ELECTRIC POWER CORPORATION
(A Govt of INDIA ENTERPRISE)
OFFICE OF THE CHIEF GENERAL MANAGER (CIVIL)
HYDRAULIC STRUCTURES MAINTENANCE
KOPILI HYDRO POWER STATION
UMRONGSO: DIMA HASAO, ASSAM

No: NEEPCO/KHPS/CGM (C)/HSM/T-89(B) V-II/2024-25/21 Date 13/01/25.

To,
The Dy. Manager (F),
KHPS, NEEPCO Ltd,
Umrongso, Dima Hasao, Assam.

Sub: - Submission of bill for Engagement of IE for Khandong civil works.
Sir,

Enclosed please find herewith the following bills in duplicate along with enclosures Mentioned below for your necessary action please.

SL No	Divn , Bill No. & Date.	Name of party/contractors.	BTS, ID.	M.B No.	Amount
1	2	3	4		5
1.	KHPS/CGM(C)/HSM/T-89(B)V-II/2024-25/91 DTD 10/01/2025	Suresh Chandra Pal	3700009704-B24-000004	_____	Rs251292/-
2.	KHPS/CGM(C)/HSM/T-89(B)V-II/2024-25/92 DTD 10/01/2025	Suresh Chandra Pal	3700009704-B24-000005	_____	Rs157058/-

Yours' faithfully,

10/01/25

CGM (civil) HSM,
KHPS, Umrongso.

North Eastern Electric Power Corporation Limited

Miniratna : Category-I PSU, A fully Owned Subsidiary of NTPC Ltd.

SERVICE ENTRY SHEET

Service Entry Sheet No	: 1000050558	**Service Entry Date**	: Jan 10, 2025
Entry Made by	: 5212 (BHUPEN BORKAKATI)		
Plant	: 1900-KHANDONG STAGE I - CAPEXKHANDONG STAGE I - CAPEX		
Vendor Name	: 500495-SURESH CHANDRA PAL		
Vendor Address	: 1403, XCLUSIVE TOWER , SPR IMPERIAL ESTATE , FARIDABAD , HARYANA		
PO/WO Number	: 3700009702		
PO/WO Item No. & Desc.:	20 - ENGAGEMENT OF IE FOR KH CIVIL WORKS		
PO/WO Subject	: Engagement of Endependent Engineer (IE) for dispute avoidance againstthe work,"Civil works pertaining to restoration modernization of Khandong hydro power Station (2X23MW),Umrangso, Assam"All other terms & conditions shall be as per NEEPCO/KHPS/C&P(C)/F-05/2024-25/380 30.05.2024		
PO Validity Start Date	: Jun 1, 2024	PO Validity End Date	: Dec 31, 2024
Service Header Text	: ENGAGEMENT OF IE NOV2024	Doc.Text	:
Project	: RM-192404 - ENGAGEMENT OF IE FOR KH CIVIL WORKS		
WBS Element	: RM-192404 - ENGAGEMENT OF IE FOR KH CIVIL WORKS		
Network	: 6001181 - ENGAGEMENT OF IE FOR KH CIVIL WORKS		

S.No	Service No.	Description	Quantity	UOM	Unit Price (INR)	OH Charge %	Amount(INR)
1	10009642	**Item 1: Retainership fee ( )**	1.000	MON	66,550.00		66,550.00
2	10009643	**Item 2: Daily visiting fee ( )**	3.000	D	13,310.00		39,930.00
						Total :INR	106,480.00
						Net Value Incl. Tax (Tax Code :N6-Input IGST (18%) Non-Deductible):INR	125,646.00

Remarks : As per payment terms, 50% of Rs. 2,51,292.80 would be bourne NEEPCO and 50% by M/s Sri Vijetha Engineers &/ Infrastructure Pvt. Ltd. / The Transpotation charges of this period shall be paid through F.O.

BTS ID: 3700009702-B24-000004

F.O. No. 4500008908 dtd 10/01/25.

10-01-2025

उत्पल बोरा / Utpal Bora
मुख्य महाप्रबंधक (तकनीकी)/CGM (Tech)
एचएसएम / HSM
केएचपीएस, नीपको, उमरांगसो (असम)
KHPS, NEEPCO, Umrongso (Assam)

बी. Seal & Signature Borkakaty
उप प्रबंधक(सा)/Dy.Manager (C)
एचएसएम/HSM-II
केएचपीएस, नीपको, उमरांगसो (असम)
KHPS, NEEPCO, Umrongso (Assam)

Suresh Chandra Pal
GSTIN: 06ABMPP8262C1ZI

Address : 1403, Xclusive Tower, SPR Imperial Estate, Sec 82, Faridabad 121002
Mobile: +917042711944
Email: scpal02@yahoo.com

Invoice No. 2024/43

Date: 03-12-2024

KHPS, NEEPCO Ltd.
GSTIN: 18AAACN9991J2ZQ

Sub.: Engagement as Independent Engineer (IE) for dispute avoidance against the work "Civil works pertaining to restoration and renovation & modernizationof Khandong Hydro-power Station" - Invoice

S. No.	Description	Period	No. of days	Daily Charges	Amount, Rs	SAC Code	Remarks
1	Retainership Fee	November 2024			1,33,100.00		
3	Daily Fee	18.11.2024 to 20.11.2024	3	26,620.00	79,860.00		
3	Misc expenses, if any						
3	Total, Amount, Rs				2,12,960.00	998331	
3	GST				38,332.80		
3	Amount incl. GST, Rs				**2,51,292.80**		

Accounts details:
Name: Suresh Chandra Pal
Account no.: 008301048916
Bank name: ICICI Bank
Branch: Sector 16, Faridabad
IFSC: ICIC0000083
PAN no.: ABMPP8262C

SURESH CHANDRA PAL
Digitally signed by SURESH CHANDRA PAL
Date: 2024.12.03 10:22:35 +05'30'

Suresh Chandra Pal
Independent Engineer

CC:
Mr Utpal Borah, CGM (C), KHPS
NEEPCO Ltd.

DM(C). B. Borkakati

Certified that,

* The Bill for an amount of Rs. 2,51,293:00 (Rupees two Lakh fifty one thousand two hundred ninety three) only inclusive of GST. has been verified and found to be in order.

* As per payment terms 50% of this would be bourne by NEEPCO and remaining 50% by M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd.

* This Bill is for the month of November-2024 W.e.f. 01-11-2024 to 30-11-2024.

* The Bill has been entered in the Bill Register.

* P.O. No: 3700009702

* SES No.-1000050558.

* BTS ID: 3700009702-B24-000004

* Transportation charges shall be paid through Frame Work Order (F.O.).

10-01-2025

बी. बोरकाकती/B. Borkakaty
उप प्रबंधक (सं)/Dy.Manager (C)
एचएसएम/HSM-II
केएचपीएस, नीपको, उमरांगसो (असम)
KHPS, NEEPCO, Umrongso (Assam)

10/01/25

उत्पल बोरा / Utpal Borah
मुख्य महाप्रबंधक (तकनीकी)/CGM (Tech)
एचएसएम / HSM
केएचपीएस, नीपको, उमरांगसो (असम)
KHPS, NEEPCO, Umrongso (Assam)

North Eastern Electric Power Corporation Limited

KHANDONG STAGE I
Umrongso-788931, ASSAM, INDIA
Tel. No. ;E-Mail:

Purchase Order-3700013368 / Dt : 27.06.2025 **Rev.No. 1/27.06.2025**

To,

Vendor Name	:	RAMSING RONGHI
Vendor Code	:	500382
Address	:	, , , NEW GARAMPANI,UMRONGSO, DIMA HASAO
	:	, UMRONGSO,- 788931 Assam, India
Contact No	:	8133832983
Email ID	:	ronghiworkscontract@gmail.com,
PAN No.	:	AUOPR4108G
GSTIN No.	:	18AUOPR4108G1ZD

Sub: Support Services for assisting at various day to day works of Civil and Mechanical Works under HSM, KHPS, Umrangso, Assam by providing 02(Two) Nos of Skilled labour for a period of 12(Twelve) Months w.e.f 01.01.2025 to 31.12.2025

Ref:

Dear Sir/Madam,
With reference to the subject cited above, the corporation is pleased to place this order under the terms and conditions mentioned below:

S.No	Service Code	Service Des.	Qty.	Unit			Total Price
10		2 Nos. Skilled Labour	1.000	AU			956,558.00
10.10		Period 01.01.25 to 31.03.25	6.000	MON	Basic Price	33,123.00	1,98,738.00
					CGST %	9.00%	17,886.00
					SGST %	9.00%	17,886.00
					Total		2,34,510.00
10.20		Period 01.04.25 to 30.06.25	6.000	MON	Basic Price	33,896.00	2,03,376.00
					CGST %	9.00%	18,304.00
					SGST %	9.00%	18,304.00
					Total		2,39,984.00
10.30		Period 01.07.25 to 31.12.25	12.000	MON	Basic Price	34,044.00	4,08,528.00
					CGST %	9.00%	36,768.00
					SGST %	9.00%	36,768.00
					Total		4,82,064.00
					Total Basic Price		8,10,642.00
					Total CGST %		72,958.00
					Total SGST %		72,958.00
					Total PO Val.		9,56,558.00

NINE LAKH FIFTY SIX THOUSAND FIVE HUNDRED FIFTY EIGHT Rupees Only

TERMS AND CONDITIONS

1. Scope:

Support Services for assisting at various day to day works of Civil and Mechanical Works under HSM, KHPS, Umrangso, Assam by providing 02(Two) Nos of Skilled labour for a period of 12(Twelve) Months w.e.f 01.01.2025 to 31.12.2025 as indicated below:

Assisting in:

a) Assisting in keeping day to day records of progress of fabrication, erection works of Penstock & Steel in liner of Khandong PS.

b)Assisting in observation and collecting of Dam Safety Instrumentation data of Umrong & Khandong Dam Site at Control Room.

c)Visiting to different sites with vendors service engineers of AWS situated at different locations of Catchment area, KHPS, as and when required.

d)Assisting in updating various documents/registers etc.

2. Value:

The total value of the contract is Rs. 956,558.00 including GST.

3. Price Basis:

MOS Rate as applicable.

4. Taxes:

the rates are including GST.

5. Contract Performance Guarantee/Security Deposit:

6. Delivery Period/ Completion Time/ Contract Period:

The contract is valid for 12 (Twelve) months from 01.01.2025 to 31.12.2025 subject to further extension based on the performance of the worker. However, the Corporation reserves the right to terminate the contract if the Contractor fails to rectify any unsatisfactory performance within a reasonable time. In such case payment will be restricted on prorata basis till the date of termination.

7. Consignee (Storage Location address) /Engineer In-charge:

Engineer in Charge: CGM (C), HSM, KHPS, NEEPCO Ltd., Umrongso, Dima Hasao, Assam, Pin:788931

8. Payment Terms:

Payment will be made on completion of each month against submission of bill. However, payment shall be released on satisfactory performance of the Contract Worker.

9. Paying Authority:

The Manager (F), F&A Wing, KHPS, NEEPCO Ltd., Umrongso, Dima Hasao, Assam, Pin-788931

10. Guarantee/Warranty:

11. Penalty/Liquidated Damages:

Penalty: If the firm fails to perform duty as per above scope of works then penalty shall be imposed as per NEEPCO#s norms.

12. Jurisdiction of Court:

13. Other Terms & Conditions:

1. Manpower: The contractor has to engage 2 (Two) numbers of Skilled manpower as follows:
Skilled (Mechanical) Should be ITI certificate holder from any Govt. ITI in mechanical trade with minimum three years experience of working in Hydro Power Station Operation & Maintenance
2. Minimum Wages: The Contractor must pay the Minimum wages as per MOS rates which will be verified by NEEPCO every month. Though the order is placed on the basis of present Minimum Wage, in case of change in the Minimum Wage by the Govt. of India, the bill claimed may be suitably adjusted.
3. Safety: The contractor has to ensure safety of his workers at work. The required all PPE has to be provided by the contractor like safety helmet with torch, industrial shoes with electrical shock resistance, proper working dress, safety belt etc. NEEPCO will not be held responsible for any kind of unwanted situation/accident etc.
4. Medical fitness: The firm has to provide medical fitness certificate of their worker prior to deployment from Govt. doctor.

The workers should be capable to work at height, walk & run at emergency condition as well as medically fit to carry out works as per scope mentioned above. The workers should not have colour blindness, hearing problem or visual deficiency and capable to work at night condition also.
5. Police verification/Identity Proof/Proof of Residence: The firm has to submit police verification report prior to deployment of their workers. The firm has to ensure that the workers shouldn#t have any criminal/adverse record in the police station/court etc. valid Govt documents against proof of identity and residence shall have to be submitted to the Engineer-In-Charge prior to engagement.
6. Accommodation and Amenities: Accommodation has to be arranged by the firm.
7. Proof of Academic/Professional Qualification and Experience Certificate: The firm has to provide documentary evidence of Academic/Professional qualification of each and every workman engaged, along with experience certificate.
8. The payment shall be made to the Contract Worker on or before 7th of every month. The wages of the contract labour#s to be provided by the contractor upto a minimum of 2(Two) months continuously without considering the billing process or other hindrances.
9. The Workers shall be covered under Workman#s Compensation Act 1923 & ESI Scheme Act 1948 for the period covered under this Order. The contractor shall ensure contribution to ESIC/ Medical Insurance Scheme as per norms against every individual worker for the deployed period as per statutory requirement and applicable amount will be reimbursed by the Corporation as per actuals based on documents duly certified by the respective wing/authority. The contractor will be held fully responsible for any liability arising due to lapse in contribution to ESIC/ Medical Insurance Scheme in time, failing which bill shall not be processed for payment and order may be reviewed.

14. Attachment:

Thanking you,

Yours faithfully,

(Signature)

Name : Amrit Kumar Borah
Designation : Sr. Manager (E/M) i/c C&P##KHPS NEEPCO Ltd.

Mobile No :
Email ID : contract.khep@gmail.com

North Eastern Electric Power Corporation Limited

KHANDONG STAGE I
Umrongso-788931, ASSAM, INDIA
Tel. No. ;E-Mail:

Service Details

Line Item	Service Code	Service Des.	Qty.	UOM	Plant
10.10		Period 01.01.25 to 31.03.25	6.000	MON	KHHEP
10.20		Period 01.04.25 to 30.06.25	6.000	MON	KHHEP
10.30		Period 01.07.25 to 31.12.25	12.000	MON	KHHEP

North Eastern Electric Power Corporation Limited

Miniratna : Category-I PSU, A fully Owned Subsidiary of NTPC Ltd.

SERVICE ENTRY SHEET

Service Entry Sheet No.	:	1000062989	**Service Entry Date**	:	Sep 27, 2025
Created By	:	5258 (BIKON LONGMAILAI)			
Plant	:	1900-KHANDONG STAGE I - CAPEXKHANDONG STAGE I - CAPEX			
Vendor Name	:	500382-RAMSING RONGHI			
Vendor Address	:	NEW GARAMPANI,UMRONGSO , UMRONGSO , ASSAM			
PO/WO Number	:	3700013368			
PO/WO Item No. & Desc.	:	10 - 2 NOS. SKILLED LABOUR			
PO/WO Subject	:	Support Services for assisting at various day to day works of Civil andMechanical Works under HSM, KHPS, Umrangso, Assam by providing 02(Two) Nos of Skilled labour for a period of 12(Twelve) Months w.e.f01.01.2025 to 31.12.2025			
PO Validity Start Date	:	Jan 1, 2025	PO Validity End Date	:	Dec 31, 2025
Service Header Text	:	SUPPORT SERVICE FOR ASSIST--2 SKILL LABO	Doc.Text	:	26/9/2025
Cost center	:	1190000121-HYDRO STRUCTURE MAINTENANCE (DAM & SPILL			

S.No	Service No.	Description	Quantity	UOM	Unit Price (INR)	OH Charge %	Amount (INR)
1		**Period 01.07.25 to 31.12.25 ( )**	2.000	MON	34,044.00		68,088.00
					Total :INR		68,088.00
					Net Value Incl. Tax (Tax Code :N5-Input CGST (9%) + SGST (9%) Non-Deductible):INR		80,344.00

Seal & Signature

North Eastern Electric Power Corporation Limited
(Mini Ratna, Category-I, A Subsidiary of NTPC Ltd.)
SERVICE ENTRY SHEET

Service Entry Sheet No. : 1000062989 **Service Entry Date : Sep 27, 2025**

Summary

SES Print Date : Nov 7, 2025

PO.NO.	PO Item NO.	Entry Sheet No.	Doc. Date	Posting Date	Amount all incl. but excl Taxes(INR)	Amount Including Taxes(INR)	Line Item Wise Total Amount(INR)	Acceptance Indicator
3700013368	10	1000058485	Jun 30, 2025	Jun 30, 2025	402,114.00	474,494.00		Yes
3700013368	10	1000060883	Aug 30, 2025	Aug 30, 2025	43,133.75	50,897.75		Yes
3700013368	10	1000060885	Aug 30, 2025	Aug 30, 2025	68,088.00	80,344.00		Yes
3700013368	10	1000062989	Sep 27, 2025	Sep 27, 2025	68,088.00	80,344.00	686,079.75	Yes
				Total :(INR)	581,423.75	686,079.75	686,079.75	

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED NOTE

(Mini Ratna, Category-I, Government of India Enterprise)

File Number: Note Sheet/CW/HSM - II/KH-034/318/KHEP/21/11/2024

Basic Details

FileType: Note Sheet	
Subject: Subject: Submission of analysis for Extra items (4-Nos.) Sl. No. 3,4,5 & 9 again	
Created On : 21/11/2024 **Time :**10:33:48	**Status:** In Process
Created By: Bhupen Borkakati	**Last Changed By:** Utpal Borah

File Workflow

Creator : Bhupen Borkakati (21/11/2024 10:41:55)

Processor - 1: Utpal Borah (26/11/2024 23:13:02)
Processor - 2: Susanta Deka (27/11/2024 13:20:33)
Processor - 3: Parag Saikia (17/12/2024 20:33:11)
Processor - 4: Vishvendra Gautam (09/01/2025 16:39:15)
Processor - 5: Parag Saikia (30/01/2025 16:57:46)
Processor - 6: Vishvendra Gautam (31/01/2025 16:01:23)
Processor - 7: Parag Saikia (01/02/2025 12:08:49)
Processor - 8: Susanta Deka (01/02/2025 12:34:50)
Processor - 9: Utpal Borah (01/02/2025 19:51:10)
Processor -10: Bhupen Borkakati (05/02/2025 12:59:28)
Processor -11: Utpal Borah (06/02/2025 15:27:36)
Processor -12: Parag Saikia (24/02/2025 13:37:07)
Processor -13: Utpal Borah (24/02/2025 13:44:11)
Processor -14: Susanta Deka (24/02/2025 17:11:17)
Processor -15: Chandra Prasad Saikia (24/02/2025 18:23:14)
Processor -16: Utpal Borah (25/02/2025 09:06:46)
Processor -17: Bhupen Borkakati (26/02/2025 17:48:35)
Processor -18: Utpal Borah (26/02/2025 23:39:05)
Processor -19: Chandra Prasad Saikia (27/02/2025 10:22:26)
Processor -20: Biswajit Sinha (28/02/2025 18:47:53)
Processor -21: Chandra Prasad Saikia (01/03/2025 10:55:14)
Processor -22: Dinesh Inrugbam (17/03/2025 10:42:33)
Processor -23: Chandra Prasad Saikia (17/03/2025 22:34:18)
Processor -24: Susanta Deka (18/03/2025 12:16:07)
Processor -25: Bijit Kr. Goswami (18/03/2025 14:21:27)
Processor -26: Joypal Roy (18/03/2025 16:41:03)
Processor -27: Bijit Kr. Goswami (19/03/2025 11:56:32)
Processor -28: Siddhartha Sankar Adhikari (19/03/2025 14:52:18)
Processor -29: Hemanta Choudhury (20/03/2025 10:40:17)
Processor -30: Biswanath Sarkar (20/03/2025 15:56:18)
Processor -31: Hemanta Choudhury (20/03/2025 17:31:22)
Processor -32: Siddhartha Sankar Adhikari (20/03/2025 17:58:35)
Processor -33: Bijit Kr. Goswami (20/03/2025 19:34:03)
Processor -34: Susanta Deka (21/03/2025 17:11:22)
Processor -35: Utpal Borah (21/03/2025 17:15:22)
Processor -36: Bhupen Borkakati (00/00/0000 00:00:00)

File Description

Subject: Submission of analysis for Extra items (4-Nos.) Sl. No. 3,4,5 & 9 against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam

Created By : Bhupen Borkakati
Created On :21/11/2024 10:41:43
With Department : Extra items Civil works Kh PS
Forwarded To: Utpal Borah

File Attachments

Attachments :

VariationStatement_28.02.2025; **Created By :**Biswajit Sinha; **Uploaded on :**28/02/2025 12:33:25
EI9; **Created By :**Bhupen Borkakati; **Uploaded on :**21/11/2024 10:40:50
EI4; **Created By :**Bhupen Borkakati; **Uploaded on :**21/11/2024 10:40:22
EI3; **Created By :**Bhupen Borkakati; **Uploaded on :**21/11/2024 10:39:37
Statement; **Created By :**Bhupen Borkakati; **Uploaded on :**21/11/2024 10:38:56
NewStatement; **Created By :**Bhupen Borkakati; **Uploaded on :**26/02/2025 17:47:27
Documets05.02.2025; **Created By :**Bhupen Borkakati; **Uploaded on :**05/02/2025 12:58:41
Workorder; **Created By :**Utpal Borah; **Uploaded on :**26/11/2024 23:10:39

File Notings

Subject: Submission of analysis for Extra items (4-Nos.) Sl. No. 3,4,5 & 9 against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam.

Ref.: (i) Agreement No. NEEPCO/QP/ED/C&P/R/C/KHPS-CW/708 of 2023-2024 dtd. 21.06.2023
(ii) L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023
(iii) D.W.O. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/157dtd. 12.05.2023.

The above-mentioned work was awarded to the Contractor M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad on 01.05.2023 vide L.O.I. No. under reference (ii) above. The detailed work order was also issued vide reference (iii) above. Presently the work is in progress.

Extra item No. 3,4&5: Due to heavy water leakage/ seepage in the Khandong Power Station Building, Water proofing treatment / works including chemical grouting needs to be done which was not incorporated in the Contract Agreement. Hence, the extra item No. 3,4&5 have been considered as per requirement of the work. Moreover, item for surface cleaning including chipping, Nipple fitting and Xypex concentrate have been considered from BOQ items which were incorporated for Dam repairing works.

Extra item No. 9: There was no access road towards backside of the Power House building. Hence, for smooth running of the restoration works of Civil and HM Package and for plying of construction vehicles, item for excavation of hills/ordinary rock would be executed. As there is no similar item in the BOQ , therefore, it was decided by the Higher Authority to execute the work as Extra item. Other works like protection of the hillside and pavement would be done through BOQ items.

Accordingly, the Contractor was instructed to execute the work and the analysis of the Rates submitted by the Contractor has been scrutinized and found the cost involvement for extra items are as follows:

Sl. No.	Item Description	Unit	Qnty	Rate in Rs.	Amount in Rs.
1	**Extra item No.3**: Providing Xypex Patch N Plug	Kg	2502.00	956.20	23,92,412.40
2	**Extra item No.4**: Providing Xypex Megamix-II ….....	Kg	1500.00	941.45	14,12,175.00
3	**Extra item No.5**: Grouting Xypex grout mix…	Kg	272.00	454.14	123,526.08
4	**Extra item No.9**: Excavation for new access road behind	Cum	1082.30	1096.48	11,86,720.30

As per Contract Clause No.33 of Conditions of Contract, the analysis of the Rates submitted by the Contractor has been scrutinized and the Deviation Statement prepared up to 9th RA Bill. The details are as follows:

*The total Contract value of the work: **Rs. 25,13,23,555.32**

*The total up to date executed value (up to 9th RA bill): **Rs. 17,88,64,137.49**

*The total up to date value for Extra items: **Rs. 1,12,60,202.48**

*The total up to date value in excess of BOQ quantity plus extra items: **Rs. 6,83,24,775.82**

*The percentage of Deviation against Extra items is **(+)27.19%** above total Contract sum.

The proposal is submitted for technical approval from the Competent Authority as per the DOP Clause No. 14.1.

Put up for favour of kind perusal and further needful please.

Enclo: As stated above.

ID: 001
Noted By: Bhupen Borkakati
Noted On: 21/11/2024 Time : 10:38:24

Forwarded To : Utpal Borah

Trailing note of DM(C) and references please.

Execution of the following 'Extra items' were taken up under the contract for Civil works under Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW) by M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd.

Extra item no.3: Supply, providing and filling with **Xypex Patch N Plug,** a fast setting crystalline repair mortar in U-grooves of minimum size (80mm x 50mm) to plug and fix the leakage including all labour and materials as per technical specification and direction of Engineer in-charge.

(Surface preparation and groove cutting shall be prepared separately).

Extra item no.4: Supply, providing and filling the remaining 25mm depth top layer of U-grooves with **Xypex Megamix-II**, a high strength repair mortar to strengthen the bottom layer of Patch N Plug including all labour and materials as per technical specification and direction of Engineer in-charge.

Extra item no.5: Supply, providing and grouting **Xypex grout mix** (Xypex Admix C-2000NF) having integral crystal forming admixture to reduce permeability and enhance durability to seal hair/micro cracks (the same to be supported by international test reports) mixed and grout by hand grout pump to support the claim of crystal formation to plug all the capillary tracks and pores of the concrete surface including all labour and materials as per technical specification and direction of the Engineer in-charge.

Extra item no.9: Excavation for new access road behind the Khandong Power House building by breaking rocks with Hydraulic Breaker including loading and disposal outside complete in all respect as per technical specification, drawings and as directed by the Engineer in-charge.

As above the items no. 3,4 & 5 has successfully arrest seepage water into the walls of the Khandong Power House building through chemical grouting which was not envisaged in BOQ. The item no. 9 was executed to facilitate access to the backside of the Power House building for smooth execution of restoration works under Civil & HM Package .

In terms of the Contract Clause No.33, Conditions of Contract, the analysis of the Rates of the items has been examined and the Deviation as on 9th RA Bill has been evaluated.

The total Contract value of the work: Rs. 25,13,23,555.32

The total up to date executed value (up to 9th RA bill): Rs. 17,88,64,137.49

The total up to date value for Extra items: Rs. 1,12,60,202.48

The total up to date value in excess of BOQ quantity plus extra items: Rs. 6,83,24,775.82

The percentage of Deviation is (+)27.19% above the original Contract sum.

The proposal is recommended for technical approval of the ED(O&M) as per the DOP Clause No. 14.1 after obtaining technical clearance of D&E wing.

Put up for kind perusal and further needful please.

HOP CGM(Tech)HSM

ID: 002
Noted By: Utpal Borah
Noted On: 22/11/2024 Time : 13:49:00

Forwarded To : Susanta Deka
Attachments : Workorder**; Uploaded on :**26/11/2024 23:10:39

Please examine and comment.

ID: 003
Noted By: Susanta Deka
Noted On: 27/11/2024 Time : 13:19:53

Forwarded To : Parag Saikia

Preceding notes may please be seen.

Please scrutinize & put up as discussed.

ID: 004
Noted By: Parag Saikia
Noted On: 17/12/2024 Time : 20:32:26

Forwarded To : Vishvendra Gautam

Preceding notes may please be seen.

The instant proposal is submitted by DM(C), HSM, regarding “Submission of analysis for Extra items (4-Nos.) Sl. No. 3,4,5 & 9 against Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam.

The above-mentioned work was awarded to the Contractor M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad on 01.05.2023. Presently the work is in progress.

As recorded by CGM(T), HSM, at workflow ID 002 that, the execution of the following 'Extra items' were taken up under the contract for Civil works under RR&M and LE of Khandong Power Station (2 x 23 MW) by M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd.

Accordingly, the Contractor was instructed to execute the work and the analysis of the Rates submitted by the Contractor has been scrutinized and found the cost involvement for extra items are as follows:

Sl. No.	Item Description	Unit	Qnty	Rate in Rs.	Amount in Rs.
1	**Extra item No.3**: Providing Xypex Patch N Plug	Kg	2502.00	956.20	23,92,412.40
2	**Extra item No.4**: Providing Xypex Megamix-II …..…	Kg	1500.00	941.45	14,12,175.00
3	**Extra item No.5**: Grouting Xypex grout mix…	Kg	272.00	454.14	1,23,526.08
4	**Extra item No.9**: Excavation for new access road behind	Cum	1082.30	1096.48	11,86,720.30

The analysis of extra items has been checked and found in order. The details of variation in quantity along with extra item has been attached. ***(Refer: Statement attached)***

As recorded at **workflow ID #001**, the analysis of the Rates of the items has been examined and evaluated **the deviation as on 9th RA Bill**.

a) The total Contract value of the work: **Rs. 25,13,23,555.32**

b) The total up to date executed value (up to 9th RA bill): **Rs. 17,88,64,137.49**

c) The total up to date value for Extra items**: Rs. 1,12,60,202.48**

d) The total up to date value in excess of BOQ quantity plus extra items: **Rs. 6,83,24,775.82**

e) The percentage of Deviation is **(+)27.19% (i.e. d/aX100)** above the original Contract sum.

The CGM(Tech), HSM has also recorded his recommendation to the proposal at **workflow ID #002**

In view of the above, the proposal may be processed for obtaining technical approval of the ED(O&M) as per the DOP Clause No. 14.1 after obtaining technical clearance of D&E wing.

ID: 005
Noted By: Vishvendra Gautam
Noted On: 09/01/2025 Time : 16:36:02

Forwarded To : Parag Saikia

Preceding notes may please be seen.

Please comment on rate analysis.

ID: 006
Noted By: Parag Saikia
Noted On: 30/01/2025 Time : 13:51:27

Forwarded To : Vishvendra Gautam

Trailing notes may please be seen.

The details on which Rate Analysis is based upon is mentioned below:

1. **Extra Item no:3** Supply & Application of Xypex Patch N Plug – filling of groove…..

- **Cost of Material** - Rate considered as per Invoice submitted by M/s Vijetha
- **Cost of Labour** – Direct & Indirect wages (As per salary statement of M/s Vijetha & as per CWC guidelines for river valley projects)
- **Equipment Cost** – As per guidelines of CWC guidelines for river valley projects
- **Add cost of Job facilities@2%** - As per guidelines of CWC (River valley project)
- **Overhead & Profit -** As per guidelines of CWC (River Valley Project)

2. **Extra Item No 4 & 5:** Xypex Megamix-II & Xypex Grout mix work…….

- Basic Rate considered based on the WO from Ka HEP(***NEEPCO/KPG/KaHEP/T-16/2017-18/305 Dated 19.07.2024)*** due to similar nature of work.
- Analyzed Rate has been calculated using Escalation factor on rates consider in the W.O. of KaHEP.
- Escalation Factor considered based on "**Wholesale Price Index**" **(Commodity Sub Group**: Manufacture of cement, Lime and plaster**)**

Calculation

Analysed Rate = (A + B) x C

A = Rate of Item as per W.O. KaHEP (excluding Tax)
B = GST @ 18% on A
C = Escalation factor @ 15.70% (WPI as per office of Economic Advisor)

3. **Extra Item No.9:** Excavation of New Access Road behind the Khandong power House Building …….

Rate Analysis is Based on CWC guidelines for River Valley Projects

- Machinery Charge – Based on CWC guidelines
- Cost of facilities - Based on CWC guidelines
- Fuel: Diesel Charges – IOCL rate considered.
- Other Charges - Based on CWC guidelines
- Overhead & Profit – Based on CWC guidelines

The Rate Analysis of the Extra item no 3,4,5 & 9 is checked and found in order.

Submitted for further needful please.

ID: 007
Noted By: Vishvendra Gautam
Noted On: 31/01/2025 Time : 15:54:11

Forwarded To : Parag Saikia

Preceding notes may please be seen.

It is observed that the proposal comprises of two parts: Approval of estimated rates of extra items in terms of contract agreement & approval for variation due to financial implication for these extra items & work during post award execution of work.

The rate analysis has been submitted by the executing authority. However, the reasonability of the analysed rates & its basis could have been reflected in the note, as before approval of the variation in terms of DoP, the estimated rates & amount is to be approved in terms of DoP clause 1(a). Further, it is observed that the analysis has been done by the department & no signature of the contractor is there in the arrived rates. In view of above, acceptance of the analysis by the contractor is necessary.

However, the rate analysis got examined in this office as noted in FLM note at #004.

Upon meeting the observation, the estimated amount based on rate analysis may be approved within the delegation power of HoP in terms of DoP clause 1(a), Sec-I.

Technical Approval: As the variation is more than 25% of the contract value for the instant proposal, the technical approval is to be obtained from ED(O&M) in terms of DoP clause 15.1, Sec-I after obtaining technical clearance from D&E.

Approval for issue of change order: On obtaining technical approval, the approval for issue of change order is to be obtained from Director (Technical) in terms of DoP clause DoP Clause 15.2, Sec-I.

The proposal may be forwarded to site C&P for their scrutiny & examination and interaction with the executing authority before obtaining finance concurrence for approval.

Submitted please.

GM(C), O/o HoP

CGM(Tech) & HoP, KHPS, pl.

ID: 008
Noted By: Parag Saikia
Noted On: 01/02/2025 Time : 12:08:06

Forwarded To : Susanta Deka

कृपया पूर्ववर्ती नोट्स देखें,

Please refer to the observations at workflow #008. For needful please.

ID: 009
Noted By: Susanta Deka
Noted On: 01/02/2025 Time : 12:33:51

Forwarded To : Utpal Borah

Trailing note .

Please clarify observation at ID008 and resubmit .

ID: 010
Noted By: Utpal Borah
Noted On: 01/02/2025 Time : 19:50:23

Forwarded To : Bhupen Borkakati

Trailing notes may kindly be seen.

As per the observation at ID008, the analysis/documents has been re-submitted for further needful please.

With regards

ID: 011
Noted By: Bhupen Borkakati
Noted On: 05/02/2025 Time : 12:57:43

Forwarded To : Utpal Borah
Attachments : Documets05.02.2025**; Uploaded on :**05/02/2025 12:58:41

Trailing note .

The observation at ID008 has been attended . As per the analysis based on river valley guide lines, CWC guide line, DSR rates & Price index the analyzed rates seems reasonable.

Submitted for further needful please.

ID: 012
Noted By: Utpal Borah
Noted On: 06/02/2025 Time : 15:17:03

Forwarded To : Parag Saikia

Preceding notes may please be seen.

In continuation to the note at # 008, it is again mentioned that the proposal comprises of two parts: Approval of estimated rates of extra items in terms of contract agreement & approval for variation due to financial implication for these extra items & work during post award execution of work.
CGM(Tech)/EIC, HSM has recorded on reasonability of rates vide workflow # 0012. Further, the rates got checked vide Workflow at # 007 seems reasonable. The contractor's sign is there in the rate analysis documents.

The estimated amount based on rate analysis may be approved within the delegation power of HoP in terms of DoP clause 1(a), Sec-I.
Technical Approval: As the variation is more than 25% of the contract value for the instant proposal, the technical approval is to be obtained from ED(O&M) in terms of DoP clause 15.1, Sec-I after obtaining technical clearance from D&E.
Approval for issue of change order: On obtaining technical approval, the approval for issue of change order is to be obtained from Director (Technical) in terms of DoP clause DoP Clause 15.2, Sec-I.

The proposal may be forwarded to site C&P for their scrutiny & examination and for obtaining subsequent finance concurrence before approval.
Submitted please.

GM(C), O/o HoP

CGM(Tech) & HoP, KHPS, pl.

ID: 013
Noted By: Parag Saikia
Noted On: 24/02/2025 Time : 13:36:35

Forwarded To : Utpal Borah

Trailing note pl.

The note is inadvertently sent .

As discussed with GM(Tech) , O/O the HOP, the note is redirected to HOP for appraisal.

Submitted pl.

ID: 014
Noted By: Utpal Borah
Noted On: 24/02/2025 Time : 13:43:19

Forwarded To : Susanta Deka

कृपया अनुगामी नोट देखे।

Please examine and put up.

ID: 015
Noted By: Susanta Deka
Noted On: 24/02/2025 Time : 17:10:29

Forwarded To : Chandra Prasad Saikia

Preceding notes may please be seen.

Requested for initiating the proposal including all the extra items required to be executed as of now pertaining to the work (indicating extra items already approved and yet to be approved). It may be noted that already technical approval against deviation of **(+) 28.28%** pertaining to the instant work vide FLM **Note Sheet/CW/HSM - II/KH-036/332/KHEP/29/11/2024** have been accorded by ED(O&M).

ID: 016
Noted By: Chandra Prasad Saikia
Noted On: 24/02/2025 Time : 18:22:38

Forwarded To : Utpal Borah

Trailing note .

Please resubmit the proposal as suggested by C&P wing .The deviation statement need to be updated incorporating all extra items already executed .

ID: 017
Noted By: Utpal Borah
Noted On: 25/02/2025 Time : 09:05:59

Forwarded To : Bhupen Borkakati

Trailing notes may kindly be seen.

In earlier note of the undersigned, the Variation Statement was prepared and submitted up to 9th RA Bill on 22.11.2024. Now, as directed, the Variation Statement up to 11th RA Bill (as on 30.11.2024) is prepared and attached here with for ready reference.

It is also to mentioned here that, Technical approval for the Variation up to 11th RA Bill has already been accorder by the Competent Authority vide FLM No. Note Sheet/CW/HSM-II/KH043/37/KHEP/04/02/2025.

The details against the proposed Extra Items are as follows:

Sl. No.	Item Description	Unit	Qnty	Rate in Rs.	Amount in Rs.
1	**Extra itm No.3**: Providing Xypex Patch N Plug	Kg	2502.00	956.20	23,92,412.40
2	**Extra item No.4**: Providing Xypex Megamix-II ….....	Kg	1500.00	941.45	14,12,175.00
3	**Extra itm No.5**: Grouting Xypex grout mix…	Kg	816.00	454.14	3,70,578.24
4	**Extra itm No.9**: Excavation for new access road behind	Cum	1082.30	1096.48	11,86,720.30

As per Contract Clause No.33 of Conditions of Contract, the analysis of the Rates submitted by the Contractor has been scrutinized and details are as follows:

* The total Contract Value: **Rs. 25,13,23,555.32**

*The total executed Value as on 30.11.2024 up to 11 th RA Bill: **Rs. 19,36,93,528.00**.

*The Total Value for BOQ excess amount including extra items: **Rs. 8,45,25,941.45**.

*The percentage of BOQ Excess amount including Extra items with respect to the Contract Value: **(+) 33.63%.**

Put up for favour of kind perusal and further needful please.

ID: 018
Noted By: Bhupen Borkakati
Noted On: 26/02/2025 Time : 17:46:24

Forwarded To : Utpal Borah
Attachments : NewStatement**; Uploaded on :**26/02/2025 17:47:27

Trailing note of DM(C) and references please.

Execution of the following 'Extra items' were taken up under the contract for Civil works under Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW) by M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd.

Extra item no.3: Supply, providing and filling with **Xypex Patch N Plug,** a fast setting crystalline repair mortar in U-grooves of minimum size (80mm x 50mm) to plug and fix the leakage including all labour and materials as per technical specification and direction of Engineer in-charge.

Extra item no.4: Supply, providing and filling the remaining 25mm depth top layer of U-grooves with **Xypex Megamix-II**, a high strength repair mortar to strengthen the bottom layer of Patch N Plug including all labour and materials as per technical specification and direction of Engineer in-charge.

Extra item no.5: Supply, providing and grouting **Xypex grout mix** (Xypex Admix C-2000NF) having integral crystal forming admixture to reduce permeability and enhance durability to seal hair/micro cracks (the same to be supported by international test reports) mixed and grout by hand grout pump to support the claim of crystal formation to plug all the capillary tracks and pores of the concrete surface including all labour and materials as per technical specification and direction of the Engineer in-charge.

Extra item no.9: Excavation for new access road behind the Khandong Power House building by breaking rocks with Hydraulic Breaker including loading and disposal outside complete in all respect as per technical specification, drawings and as directed by the Engineer in-charge.

As above execution of the items no. 3,4 & 5 has successfully arrested seepage water into the walls of the Khandong Power House building through chemical grouting which was not envisaged in BOQ. The item no. 9 was executed to facilitate access to the backside of the Power House building for smooth execution of restoration works under Civil & HM Package.

In terms of the Contract Clause No.33, Conditions of Contract, the analysis of the Rates of the items has been examined and found reasonable. Further, the Deviation as on 11th RA Bill has been evaluated.

The total Contract value of the work: Rs. 25,13,23,555.32

The total up to date executed value as on 30.11.2024

(up to 11th RA bill): Rs. 19,36,93,528.00

The total up to date value in excess of BOQ quantity plus extra items: Rs. 8,45,25,941.45

The percentage of Deviation is (+)33.63% above the original Contract sum.

The proposal is recommended for technical approval of the ED(O&M) as per the DOP Clause No. 14.1 after obtaining technical clearance of D&E wing.

Resubmitted for further needful please.

ID: 019
Noted By: Utpal Borah
Noted On: 26/02/2025 Time : 23:29:01

Forwarded To : Chandra Prasad Saikia

Please examine and process.

ID: 020
Noted By: Chandra Prasad Saikia
Noted On: 27/02/2025 Time : 10:21:44

Forwarded To : Biswajit Sinha

Trailing notes may please be seen.

The proposal forwarded by CGM(C), HSM, KHPS, Umrongso, seeking technical approval for 4(four) nos of Extra items (Extra Item No:3,4,5 & 9) and variance thereof of **(+) 33.63%** w.r.t. original contract sum pertaining to **"Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam."** (vide L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023, W.O No. NEEPCO/QP/ED/C&P/F/C/KHPS -CW/579/2023-2024/157dtd. 12.05.2023 and Agreement No. NEEPCO/QP/ED/C&P /R/C /KHPS-CW/708 of 2023-2024 dtd. 21.06.2023) involves the following:

1. M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd., Hyderabad is executing the above referred work. During execution of the work 12 nos. of extra items were required to be executed by the contractor as per requirement at site. Out of these approval for 8 nos. of extra items were already obtained as indicated in the deviation statement.
2. Now as these items were not available in the BOQ of the above referred contract, rates for these additional 4 nos of extra items (extra item No-3,4,5 & 9) have been analysed by the contractor, in terms of Cl 33 (ii) (c), Part-4 of Conditions of Contract Agreement referred above and the rate analysis submitted by the Contractor have been scrutinized by HSM.
3. As the value of work executed is within the limit of the original contract sum the variation have been calculated in terms of Clause 14(a), Sec-I of DOP. The total financial implication along with deviation is indicated below:

Sl. No.	Details	Amount including GST (INR)	Remarks
1	Original Contract sum	**25,13,23,555.00**	
2	Total value of works executed (BOQ, Extra/Substituted items) as on till date	19,36,93,528.00	(Ref: Attached deviation statement dtd. 28.02.2025)

3	Value of BOQ items executed in excess of BOQ quantities	7,25,47,026.00	(Ref: Attached deviation statement dtd. 28.02.2025)
4	value of extra/substituted items executed	1,19,78,916.00	(Ref: Attached deviation statement dtd. 28.02.2025)
5	Value of works executed (BOQ, Extra/Substituted items) in excess of contract sum	**8,45,25,942.00**	(Ref: Attached deviation statement dtd. 28.02.2025)
6	Variance (Till date) during post-award execution of work over original contract sum (Ref: Cl:14(a), Sec-I of DOP	**(+) 33.63%**	

ED(O&M) is empowered to accord technical approval in consultation with D&E in terms of Cl. 14.1, Sec-I of DOP.
The proposal may be forwarded to finance for further scrutiny and concurrence.
Submitted for perusal and further needful please.

ID: 021
Noted By: Biswajit Sinha
Noted On: 28/02/2025 Time : 12:31:58

Forwarded To : Chandra Prasad Saikia
Attachments : VariationStatement_28.02.2025**; Uploaded on :**28/02/2025 12:33:25

Preceding notes may please be seen.

The proposal forwarded by CGM(C), HSM, KHPS, Umrongso, seeking technical approval for 4(four) nos of Extra items (Extra Item No:3,4,5 & 9) and variance thereof of **(+) 33.63%** w.r.t. original contract sum pertaining to **"Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam."** (vide L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023, W.O No. NEEPCO/QP/ED/C&P/F/C/KHPS -CW/579/2023-2024/157dtd. 12.05.2023 and Agreement No. NEEPCO/QP/ED/C&P /R/C /KHPS-CW/708 of 2023-2024 dtd. 21.06.2023) have been evaluated at C&P and notes of Sr.M.(C) at workflow:007 may be seen.

The proposal is forwarded for further scrutiny and concurrence.

ID: 022
Noted By: Chandra Prasad Saikia
Noted On: 28/02/2025 Time : 18:50:30

Forwarded To : Dinesh Inrugbam

The proposal covers the execution of several extra items under the contract for Civil works related to the Restoration and Renovation & Modernization of Khandong Power Station (2 x 23 MW) by M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd.

During the execution, 12 extra items were required as per site conditions. Approval for 8 of these extra items has already been obtained, As these items were not included in the BOQ of the contract, the contractor has analyzed the rates for the additional 4 extra items (Extra Items No. 3, 4, 5, and 9) in accordance with Clause 33 (ii) (c), Part-4 of the Conditions of Contract Agreement. The rate analysis submitted by the contractor has been reviewed and scrutinized by HSM.

The execution of items 3, 4, and 5 successfully arrested seepage water into the walls of the Power House building through chemical grouting, which was not initially included in the Bill of Quantities (BOQ). Item 9 was executed to provide an access road to the backside of the Power House building, facilitating smooth execution of restoration works.

In line with Contract Clause No.33 (Conditions of Contract), the rates for these extra items have been reviewed and found reasonable. The deviation as of the 11th RA Bill has also been evaluated.

- **Total Contract Value**: Rs. 25,13,23,555.32
- **Total Executed Value as of 30.11.2024 (up to 11th RA Bill)**: Rs. 19,36,93,528.00
- **Total Value in Excess of BOQ and Extra Items**: Rs. 8,45,25,941.45
- **Percentage Deviation**: (+)33.63% above the original contract sum.

Finance is accorded as proposed for technical approval extra items subject to approval from competent authority as per DOP Clause No. 14.1

The proposal is recommended for technical approval from the ED(O&M), as per DOP Clause No. 14.1, after obtaining technical clearance from the D&E wing.

ID: 023
Noted By: Dinesh Inrugbam
Noted On: 16/03/2025 Time : 16:33:36

Forwarded To : Chandra Prasad Saikia

Preceding notes may please be seen.

The proposal forwarded by CGM(C), HSM, KHPS, Umrongso, seeking technical approval for 4(four) nos of Extra items (Extra Item No:3,4,5 & 9) and variance thereof of **(+) 33.63%** w.r.t. original contract sum pertaining to **"Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam."** (vide L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023, W.O No. NEEPCO/QP/ED/C&P/F/C/KHPS -CW/579/2023-2024/157dtd. 12.05.2023 and Agreement No. NEEPCO/QP/ED/C&P /R/C /KHPS-CW/708 of 2023-2024 dtd. 21.06.2023) have been evaluated at C&P. Finance concurrence is obtained at workflow:023.

ED(O&M) is empowered to accord technical approval in consultation with D&E in terms of Cl. 14.1, Sec-I of DOP.
Submitted for perusal and further needful please.

ID: 024
Noted By: Chandra Prasad Saikia
Noted On: 17/03/2025 Time : 22:30:02

Forwarded To : Susanta Deka

Preceding notes may please be seen.

The proposal forwarded by CGM(C), HSM, KHPS, Umrongso, seeking technical approval for 4(four) nos. of extra items (Extra Item No:3,4,5 & 9) and variance thereof of **(+) 33.63%** w.r.t. original contract sum pertaining to **"Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam."** (vide L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023, W.O No. NEEPCO/QP/ED/C&P/F/C/KHPS -CW/579/2023-2024/157dtd. 12.05.2023 and Agreement No. NEEPCO/QP/ED/C&P /R/C /KHPS-CW/708 of 2023-2024 dtd. 21.06.2023) have been recommended by the C&P, KHPS (at workflow #0024 taking Finance concurrence is which is recorded at workflow #0023.

The proposal is therefore recommended for technical approval of the ED(O&M) in consultation with the D&E in terms of Cl. 14.1, Sec-I of the DOP.
Submitted for kind perusal and further needful please.

ID: 025
Noted By: Susanta Deka
Noted On: 18/03/2025 Time : 12:15:27

Forwarded To : Bijit Kr. Goswami

May please be seen.

ID: 026
Noted By: Bijit Kr. Goswami
Noted On: 18/03/2025 Time : 14:20:16

Forwarded To : Joypal Roy

Trailing FLM notes and attachments may kindly be referred.

The instant proposal is about Technical approval for 4(four) nos. of extra items (Extra Item No: 3,4,5 & 9) and variance thereof of (+) 33.63% w.r.t. original contract sum pertaining to "Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso, Assam." (Vide L.O.I. No. NEEPCO/QP/ED/C&P/F/C/KHPS-CW/579/2023-2024/105 dtd. 01.05.2023 and W.O No. NEEPCO/QP/ED/C&P/F/C/KHPS -CW/579/2023-2024/157dtd. 12.05.2023 and Agreement No. NEEPCO/QP/ED/C&P /R/C /KHPS-CW/2023-24/708 dtd. 21.06.2023).

As recorded in the notes of CGM (C), HSM, KHPS at workflow ID#0019, the following extra works have been executed till 11th RA bill as on 30.11.2024:

Extra item no.3: Supply, providing and filling with Xypex Patch N Plug, a fast-setting crystalline repair mortar in U-grooves of minimum size (80mm x 50mm) to plug and fix the leakage including all labour and materials as per technical specification

and direction of Engineer in-charge.

Extra item no.4: Supply, providing and filling the remaining 25mm depth top layer of U-grooves with Xypex Megamix-II, a high strength repair mortar to strengthen the bottom layer of Patch N Plug including all labour and materials as per technical specification and direction of Engineer in-charge.

Extra item no.5: Supply, providing and grouting Xypex grout mix (Xypex Admix C-2000NF) having integral crystal forming admixture to reduce permeability and enhance durability to seal hair/micro cracks (the same to be supported by international test reports) mixed and grout by hand grout pump to support the claim of crystal formation to plug all the capillary tracks and pores of the concrete surface including all labour and materials as per technical specification and direction of the Engineer in-charge.

Extra item no.9: Excavation for new access road behind the Khandong Powerhouse building by breaking rocks with Hydraulic Breaker including loading and disposal outside complete in all respect as per technical specification, drawings and as directed by the Engineer in-charge.

The rates of extra works have been analyzed and attached in current section as EL3 for extra work item no. 3, EL4 for extra work item no. 4 & 5 and EL9 for extra work item no. 9.

Summary of the variation of the executed quantity on the date of submission of proposal is:

(i) Approved Contract Sum: Rs. 25,13,23,555.32

(ii) Total up to date executed value as on 30.11.2024

(up to 11th RA bill) BOQ, in excess of BOQ & extra

items Rs. 19,36,93,528.00

(iii) Total up to date value in excess of BOQ

quantity plus extra items: Rs. 8,45,25,941.45

Therefore, variance during post-award execution of work over award price as above: Rs. (8,45,25,941.45/25,13,23,555.32) x 100% = **+33.63%**

The proposal has been examined by site C&P and concurred by HOF: KHPS at #0023.

HOP: KHPS has recommended the proposal for obtaining Technical Approval from ED(O&M) in terms of clause No. Cl 14.1, Section-I of DOP after obtaining Technical Clearance from D&E wing.

In view of the above, the proposal may kindly be forwarded to ED:D&E Please.

Submitted please.

ID: 027
Noted By: Joypal Roy
Noted On: 18/03/2025 Time : 16:40:00

Forwarded To : Bijit Kr. Goswami

Trailing notes are referred.

The subject proposal is endorsed for examination at D&E department and Technical Clearance please.

ID: 028
Noted By: Bijit Kr. Goswami
Noted On: 19/03/2025 Time : 11:54:25

Forwarded To : Siddhartha Sankar Adhikari

Pl examine

ID: 029
Noted By: Siddhartha Sankar Adhikari
Noted On: 19/03/2025 Time : 14:51:08

Forwarded To : Hemanta Choudhury

Pl examine and put up.

ID: 030
Noted By: Hemanta Choudhury
Noted On: 20/03/2025 Time : 10:40:00

Forwarded To : Biswanath Sarkar

FLM Notes and enclosure(s) attached herein, have been examined at this end.

The following mentioned works have been executed as per site requirement:

1. Extra Item No.3: Supply, providing and filling with Xypex Patch N Plug,
2. Extra Item No.4: Supply, providing and filling the remaining 25mm depth top layer of U-grooves with Xypex Megamix-II,
3. Extra Item No.5: Supply, providing and grouting Xypex grout mix (Xypex Admix C-2000NF),
4. Extra Item No.9: Excavation for new access road behind the Khandong Power House building by breaking rocks with Hydraulic Breaker including loading and disposal outside.

As above the items No. 3,4 & 5 have been done to arrest seepage water into the walls of the Khandong Power House building through chemical grouting.

The item No. 9 has been executed to facilitate access to the backside of the Khandong Power House building.

The instant proposal has been found to be generally in order. Technical concurrence of the instant proposal may please be accorded (as per Clause No. 14.1, Section I of DOP).

Put up for kind perusal please.

General Manage (C) Design & Engineering	Dy. General Manage (C) Design & Engineering

ID: 031
Noted By: Biswanath Sarkar
Noted On: 20/03/2025 Time : 15:54:36

Forwarded To : Hemanta Choudhury

Trailing notes may kindly be referred to.

The proposal for execution of 4 (four) nos. of extra items against arresting seepage/leakage water through walls in Khandong Power House (Extra Item No: 3,4&5) and to provide access to the backside of the Power House building (Extra Item No. 9) under the "*Civil works pertaining to Restoration and Renovation & Modernization Khandong Power Station (2 x 23 MW), Umrongso"* has been examined at this end.

The proposal is found to be generally in order and technical clearance may be given for the same.

ID: 032
Noted By: Hemanta Choudhury
Noted On: 20/03/2025 Time : 17:27:12

Forwarded To : Siddhartha Sankar Adhikari

Technical clearance accorded please.

ID: 033
Noted By: Siddhartha Sankar Adhikari
Noted On: 20/03/2025 Time : 17:57:22

Forwarded To : Bijit Kr. Goswami

On receipt of Technical Clearance, Technical Approval is hereby accorded.

ID: 034
Noted By: Bijit Kr. Goswami
Noted On: 20/03/2025 Time : 19:32:02

Forwarded To : Susanta Deka

Preceding notes may please be seen.

Forwarded for further needful please.

ID: 035
Noted By: Susanta Deka
Noted On: 21/03/2025 Time : 17:10:14

Forwarded To : Utpal Borah

Trailing note pl.

For further needful please.

ID: 036
Noted By: Utpal Borah
Noted On: 21/03/2025 Time : 17:15:00

Forwarded To : Bhupen Borkakati

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED NOTE

(Mini Ratna, Category-I, Government of India Enterprise)

File Number: Note Sheet/CW/HSM - I/Kh0025/288/KHEP/25/10/2024

Basic Details

FileType: Note Sheet	
Subject: Renovation & Modernisation of HM Eqipement - Deviation statement	
Created On : 24/10/2024 **Time :**14:35:26	**Status:** In Process
Created By: Bikon Longmailai	**Last Changed By:** Partha Protim Neog

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File Workflow

Creator : Bikon Longmailai (24/10/2024 14:45:36)

Processor - 1: Partha Protim Neog (24/10/2024 17:46:53)
Processor - 2: Utpal Borah (25/10/2024 12:23:32)
Processor - 3: Susanta Deka (25/10/2024 17:04:12)
Processor - 4: Chandra Prasad Saikia (25/10/2024 18:32:33)
Processor - 5: Biswajit Sinha (26/10/2024 13:14:19)
Processor - 6: Chandra Prasad Saikia (26/10/2024 20:59:01)
Processor - 7: Dinesh Inrugbam (05/12/2024 19:32:58)
Processor - 8: Chandra Prasad Saikia (31/12/2024 11:35:34)
Processor - 9: Susanta Deka (03/01/2025 16:57:00)
Processor -10: Bijit Kr. Goswami (03/01/2025 18:02:16)
Processor -11: Joypal Roy (06/01/2025 18:16:47)
Processor -12: Bijit Kr. Goswami (07/01/2025 11:40:24)
Processor -13: Siddhartha Sankar Adhikari (07/01/2025 13:55:55)
Processor -14: Sitangshu Dhar (08/01/2025 11:33:05)
Processor -15: Sujeet Kumar Jha (09/01/2025 10:17:37)
Processor -16: Sitangshu Dhar (14/01/2025 11:31:04)
Processor -17: Siddhartha Sankar Adhikari (14/01/2025 12:47:20)
Processor -18: Bijit Kr. Goswami (14/01/2025 17:53:37)
Processor -19: Susanta Deka (15/01/2025 17:09:05)
Processor -20: Chandra Prasad Saikia (18/01/2025 12:16:13)
Processor -21: Utpal Borah (21/01/2025 22:48:26)
Processor -22: Partha Protim Neog (22/01/2025 15:49:53)
Processor -23: Bikon Longmailai (21/02/2025 14:02:54)
Processor -24: Partha Protim Neog (24/02/2025 10:37:15)
Processor -25: Utpal Borah (24/02/2025 11:37:12)
Processor -26: Chandra Prasad Saikia (24/02/2025 12:31:13)
Processor -27: Gautam Kumar (24/02/2025 17:11:46)
Processor -28: Chandra Prasad Saikia (29/04/2025 09:50:41)
Processor -29: Amrit kumar Borah (02/05/2025 11:13:02)

Processor -30: Partha Protim Neog (02/05/2025 12:16:29)
Processor -31: Bikon Longmailai (00/00/0000 00:00:00)

File Description

"Renovation & Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam:- **Approval of deviation quantity and extra work.**

Created By : Bikon Longmailai
Created On :24/10/2024 14:40:49
With Department : Proposal
Forwarded To: Partha Protim Neog

File Attachments

Attachments :
Work-order**; Created By :**Bikon Longmailai**; Uploaded on :**24/10/2024 14:43:52
Deviation-statement**; Created By :**Bikon Longmailai**; Uploaded on :**24/10/2024 14:41:51

File Notings

Notes may kindly be seen.

Sub:- "Renovation & Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam:- **Approval of revised/deviation quantity.**

W.O No: NEEPCO/KHPS/C&P(C)/F-05/ 2023-24/4101, dated: 09.02.2024.
Name of Vendor: M/s **Techno Trade**

Amount as per order: Rs 3,09,79,385.00

Amount after deviation Rs 3,70,03,647.00

Deviated amount Rs 60,24,262.00 (+ve deviation of 19.45%)

The LOI for work "Renovation & Modernization of Hydro Mechanical Equipment's of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam" has been issued vide No: NEEPCO/KHPS/C&P(C)/F-05/ 2023-24/4101, dated: 09.02.2024. The work started on 8th March,24 and the work is in progress. During execution it is found that the quantity of some items of works has been found to be in-adequate and have to be executed as per requirement.at site. Therefore, a deviation statement for the quantity executed for some items of works has been re-prepared. Total financial involvements of the works come to Rs 3,70,03,647.00. The reason for the deviation and increase of quantity are as follows:-.

1. Item No.1.2 The quantity in respect of sand blasting and painting of 1 sets of intake bulkhead gate is found to be Inadequate. Quantity is taken as per actual measurement with increase to 42.52 sq.m against BOQ quantity of 33.2 sq.m. increasing 27.9%.

2. Item No 1.45. The quantity of Supply of wire rope of dia 32 mm is found to be Inadequate provision in the BoQ. The actual length of wire rope provided is 500 m as against the BoQ quantity of 200 m increasing 150%

3. Item No 4.31, 4.32, 4.33 & 4.34. The quantity in the BOQ of these items of works in respect of refurbishment of D.T gates are found to be only for one set of DT gate. As there are 2(two) sets of Dt gate, the quantity is taken twice of BOQ increasing 100% in these items of works.

4. Item No 4.35 The quantity for this item of works in respect of Supply of wire rope is found to be inadequate for two sets of DT gates, so quantity as required 350.00m against 200.00m is taken increasing 75% for this item.

5. Item No 4.36, 4.4 & 4.5 The quantity in the BOQ of these items of works in respect of refurbishment of D.T gates are found to be only for one set of DT gate. As there are 2(two) sets of DT gate, the quantity is taken twice of BOQ increasing 100% in these items of works.

6. Item No 5.11 & 5.12 There are 2 sets of Sluice gate gates in Khandong Dam & 2 sets DT gates in Khandong PS system and quantity is for one set gate only. However, 2set of Local Control Panel are required each for sluice gate and DT gate, thus increasing 100% in this item of works.

7. Extra Item No 1 There is no scope of work for this item "Supply and installation of E/M and Thruster brake at Surge shaft gates". However, during overhauling & lubricating of lifting system, the E/M brake and Thruster brake found to be not functioning properly. So as required 2 sets of E/M brake and Thruster brake have been supplied & installed.

8. Extra Item No 2 There is no scope of painting works in surge shaft hoist platform, however due to deteriorated condition of hoisting platform & its component structure, sand blasting and painting has been provided for safety & soundness of structure. Quantity, rate and specification is same as of item No 4.4 of this work.

9. Extra Item No 3 There is no scope of painting works Hoisting platform & its structure at Intake bulk head gate, however due to deteriorated condition of hoisting platform & its component structure, sand blasting and painting has been provided for safety & soundness of structure. Quantity, rate and specification is same as of item No 4.4 of this work

10. Extra Item No 4, 5 & 6 The existing ladder to hoisting platform at Intake bulk head gate is in miserable condition and unsafe for the users. So as sought by workers of Techno Trade, estimate has been prepared and taken approval from the competent authority vide Note Sheet/CW/HSM - I/Kh0017/67/KHEP/21/03/2024 at 0019 by Sri Susanta Deka, Hop 21.07.2024 12:43:31. This quantity has been taken into deviation statement and the rate and specification is as per the DSR-23 of the respective items.

Submitted for necessary approval of the competent authority please.

DGM(C),HSM B.longmailai, Manager (C),HSM

ID: 001
Noted By: Bikon Longmailai
Noted On: 24/10/2024 Time : 14:38:17

Forwarded To : Partha Protim Neog

The trailing note may kindly be seen

During execution of the work of "Renovation & Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam" some deviations in the BoQ items have been observed. Accordingly, in the intertest of unhindered progress of work, a provisional deviation statement has been prepared based on the executed quantity till date. The reasons for the deviation are as follows: -.

1. Item No.1.2 The quantity pertaining to sand blasting and painting of 1 sets of intake bulkhead gate is found to be Inadequate in the BoQ. The Quantity as per BoQ is 33.2 sqm. However, based on site condition, actual quantity arrives at 42.52 sq.m, i.e increase of 27.9%.

2. Item No 1.45. The quantity of Supply of wire rope (dia 32 mm) is found to be Inadequate in the BoQ. The actual length of wire rope utilized in the instant item is 500 m as against the BoQ quantity of 200 m, i.e. with increase in 150%

Item No 4.31, 4.32, 4.33 & 4.34. The quantity in respect of refurbishment of D.T gates is found to be inadequate. In the BOQ, these items of works are earmarked for only one set of DT gate. As there are 2(two) sets of DT gate, therefore the quantity arrives twice of the BOQ, i.e with increase in 100%.

Item No 4.35 The quantity in respect of Supply of wire rope is found to be inadequate for 02 (two) sets of DT gates. The required quantity is 350.00 m against the BoQ quantity of 200.00 m, i.e. with increase in 75%

Item No 4.36, 4.4 & 4.5 :- The BOQ quantity for these item of works pertaining to refurbishment of D.T gates are found to be inadequate, because as per the BoQ, the quantity earmarked for only one set of DT gate. However, physically there are 02(two) sets of DT Gates ,resulting in increase of 100% of the BoQ quantity.

Item No 5.11 & 5.12 The BOQ quantity for these items of works are found to be inadequate, because as per BoQ, quantity is earmarked for one set of gate only. However, there are 2 sets of Sluice gates in Khandong Dam & 2 sets DT gates at Khandong PS. Further, 2 sets of Local Control Panel are required each for sluice gate and DT gate, thus increase in 100% in the BoQ quantity of these item of works.

Extra Item No 1 The work of "Supply and installation of E/M and Thruster brake at surge shaft gates " was not included in the BoQ. However, during overhauling & lubricating of lifting system, the E/M brake and Thruster brake were found to be not functioning properly. So as per site requirement, 2 sets of E/M brake and Thruster brake have been supplied & installed.

Extra Item No 2 The work of painting in surge shaft hoist platform was not included in the BOQ. But, due to deteriorated condition of hoisting platform & its component structure, sand blasting and painting has to be provided. However, the rate and specification has been considered as per item No 4.4 of the BoQ.

Extra Item No 3 The work of painting in Hoisting Platform & its structure at Intake Bulk Head Gate was not included in the BoQ. However due to deteriorated condition of hoisting platform & its component structure, sand blasting and painting had to be provided. However, the rate and specification has been considered as per item No 4.4 of the BoQ.

Extra Item No 4, 5 & 6 The existing ladder to hoisting platform at Intake bulk head gate is in very bad condition and this poses great risk to the manpower during operation and maintenance of the same. Therefore, an estimate has been prepared and approval for the same has already been obtained from the Project authority vide Note Sheet/CW/HSM - I/Kh0017/67/KHEP/21/03/2024 on 21.07.2024 as an extra work, as the scope of the said work was not included in the Stipulated BOQ. It is pertinent to be mentioned that the rate and specification is as per the DSR-23 of the respective items.

Thus, it is evident that **the deviation occurs primarily due to inadequate provision in the BoQ quantities and also as per the requirement of site**.

So, based on the above-mentioned reasons, the total financial involvements of the works "Renovation & Modernization of Hydro Mechanical Equipment's of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam" arrives at **Rs 3,70,03,647.00 as against Rs 3,09,79,385.00 (as per the WO). Therefore, the total amount deviated by (+) Rs 60,24,262.00, i.e with deviation of (+) 19.45%.**

As per Cl.No-15(b).1 of DOP, Section-I, the CGM/HOP is empowered to accord Technical approval of the instant deviation after due consultation with D&E Wing

Submitted for further needful please.

CGM(Tech),HSM (P.P.Neog)

ID: 002
Noted By: Partha Protim Neog
Noted On: 24/10/2024 Time : 17:46:16

Forwarded To : Utpal Borah

Trailing note pl.

The proposal is to get technical approval to variation during post award execution of the work "Renovation & Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam" subsequent to accordance of technical clearance from D&E Wing. Deviation statement may pl. be referred to.

It is found that the deviation occurs mostly due to inadequate provision in BoQ and also as per the requirement of site for extra works. Detailed mentioned at ID 002.

Accordingly, the total financial involvement of the works "Renovation & Modernization of Hydro Mechanical Equipment's of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam" comes to Rs 3,70,03,647.00 against the original contract sum of Rs. 3,09,79,385.00 (as per the W.O.). Therefore, the total amount deviated by (+) Rs. 60,24,262.00, i.e. with deviation of (+) 19.45%.

In terms of Cl. No.-15.1 of DOP, Section-I, the CGM/HOP is empowered to accord technical approval of the instant deviation after technically cleared by D&E Wing.

The proposal is recommended for approval.

Submitted please.

ID: 003
Noted By: Utpal Borah
Noted On: 25/10/2024 Time : 12:22:55

Forwarded To : Susanta Deka

Preceding notes may please be seen.

Please examine and put up.

ID: 004
Noted By: Susanta Deka
Noted On: 25/10/2024 Time : 17:03:47

Forwarded To : Chandra Prasad Saikia

Please examine and put up a note for further processing of this proposal .

ID: 005
Noted By: Chandra Prasad Saikia
Noted On: 25/10/2024 Time : 18:30:45

Forwarded To : Biswajit Sinha

Trailing notes may please be seen.

The proposal forwarded by CGM(C), HSM, KHPS, Umrongso, seeking technical approval for variation of **(+) 19.45%** w.r.t. original contract sum pertaining to the work **"Renovation & Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam"** (vide LOI No. NEEPCO/KHPS/C&P(C)/F-05/ 2023-24/4101, dated: 09.02.2024, PO NO: 3700009230, dated: 18.05.02.2024 and Agreement No. NEEPCO/KHEP/C&P (C)/F-06/2024-25/67, dtd. 28.05.2024) involves the following:

1. Post award variation occurred during execution of the above mentioned work being executed by "M/s Techno Trade" due to execution of extra items and variance in BOQ quantity as per requirement at site.
2. As the value of work executed is more than the original contract sum the variation has been calculated in terms of Clause 15(b), Sec-I of DOP. The total financial implication along with deviation has been indicated below:

Sl. No.	Details	Amount including GST (INR)	Remarks
1	Original Contract sum	**3,09,79,385.00**	
2	Total value of works executed (BOQ, Extra/Substituted items) as on till date	3,70,03,647.00	(Ref: Attached revised deviation statement)
3	Value of works executed (BOQ, Extra/Substituted items) in excess of contract sum	**60,24,262.00**	(Ref: Attached revised deviation statement)
4	Variance (Till date) during post-award execution of work over original contract sum (Ref: Cl:15(a), Sec-I of DOP	**(+) 19.45%**	

HOP is empowered to accord technical approval for the instant proposal in consultation with D&E in terms of Cl.No.15.1, Sec-I of DOP.

The proposal may be forwarded to finance for further scrutiny and concurrence prior to approval of HOP.

Submitted for perusal and further needful please.

ID: 006
Noted By: Biswajit Sinha
Noted On: 26/10/2024 Time : 13:13:38

Forwarded To : Chandra Prasad Saikia

The instant proposal submitted from HSM, KHPS seeking technical approval against execution of extra works attributing to **(+) 19.45%** variance w.r.t. original contract awarded **in favour of "M/s Techno Trade" vide** LOI No. NEEPCO/KHPS/C&P(C)/F-05/ 2023-24/4101, dated: 09.02.2024, PO NO: 3700009230, dated: 18.05.02.2024 for **""Renovation & Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, "**.

The proposal is examined and the evaluation of the proposal submitted bySr. Manager(C) ,C&P at note no. 006 .

Concurrence of Finance is sought for obtaining technical approval of Competent Authority in terms clause no. 15.1, Sec-I of DOP (technical approval of variance during post award execution of work order in respect of contract awarded by site) against execution of extra works as proposed.

ID: 007
Noted By: Chandra Prasad Saikia
Noted On: 26/10/2024 Time : 20:57:47

Forwarded To : Dinesh Inrugbam

The CGM(C), HSM, KHPS, Umrongso, has submitted a proposal seeking technical approval for a variation of (+) 19.45% in the original contract sum for the "Renovation & Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station (2X23 MW)".

Details:

1. Original Contract Sum: ₹3,09,79,385.00 (including GST).
2. Total Value of Work Executed: ₹3,70,03,647.00, covering BOQ, extra, and substituted items (per revised deviation statement).
3. Excess Work Value: ₹60,24,262.00, arising from extra items and BOQ quantity variances based on site requirements.
4. Variance Percentage: (+) 19.45% over the original contract sum, calculated per Clause 15(b), Section-I of DOP.

Finance is accorded the the variation in Contract price with the reasons for the positive deviation mentioned in note 001

The proposal shall be regulated as per Clause 15.1, Section-I of DOP. to grant technical approval for the variation in consultation with the Design & Engineering (D&E) department under.

Submitted

ID: 008
Noted By: Dinesh Inrugbam
Noted On: 05/12/2024 Time : 19:32:34

Forwarded To : Chandra Prasad Saikia

The proposal duly recommended by CGM(C), HSM, KHPS, Umrongso, seeking Approval of revised/deviation quantity against the work "Renovation & Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam"

It is recorded that some deviations in the BoQ items have been observed during execution of the contract as stated above . Accordingly, in the intertest of unhindered progress of work, a provisional deviation statement has been prepared based on the executed quantity till date.

In the proposal reasons for deviations are already recorded by the executing authority and accordingly recommended by CGM(C) HSM.

Also recorded that , it is evident that the deviation occurs primarily due to inadequate provision in the BoQ quantities and also as per the requirement of site.

Based on the above-mentioned reasons, the total financial involvements of the works "Renovation & Modernization of Hydro Mechanical Equipment's of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam" arrives at Rs 3,70,03,647.00 as against Rs 3,09,79,385.00 (as per the WO). Therefore, the total amount deviated by (+) Rs 60,24,262.00, i.e with deviation of (+) 19.45%.

Site Finance has scrutinized the proposal and accorded the variation in Contract price with the reasons for the positive deviation mentioned in note 001 and suggested to regulate as per Clause 15.1, Section-I of DOP to grant technical approval for the variation in consultation with the Design & Engineering (D&E) department under.

As per Cl.No-15(b).1 of DOP, Section-I, the CGM/HOP is empowered to accord Technical approval of the instant deviation after due consultation with D&E Wing

Put up for according approval for regulating the payment to the contractor as proposed in the proposal.

ID: 009
Noted By: Chandra Prasad Saikia
Noted On: 30/12/2024 Time : 11:41:32

Forwarded To : Susanta Deka

The proposal duly recommended by CGM(C), HSM, KHPS, Umrongso, seeking Approval of revised/deviation quantity against the work "Renovation & Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam"

Due to deviations in the BoQ items observed during execution of the contract as stated above in the intertest of unhindered progress of work, a provisional deviation statement has been prepared based on the executed quantity which are detailed at workflow #001and has been recommended by CGM(C) HSM.

Also recorded that , it is evident that the deviation occurs primarily due to inadequate provision in the BoQ quantities and also as per the requirement of site.

Based on the above-mentioned reasons, the total financial involvements of the works "Renovation & Modernization of Hydro Mechanical Equipment's of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam" arrives at Rs 3,70,03,647.00 as against Rs 3,09,79,385.00 (as per the WO). Therefore, the total amount deviated by (+) Rs 60,24,262.00, i.e the deviation of (+) 19.45%.

Site Finance has scrutinized the proposal and accorded the variation in Contract price with the reasons for the positive deviation mentioned in note 001 and suggested to regulate as per Clause 15.1, Section-I of DOP to grant technical approval for the variation in consultation with the Design & Engineering (D&E) department under.

As per Cl.No-15(b).1 of DOP, Section-I, the CGM/HOP is empowered to accord Technical approval of the instant deviation after due consultation with D&E Wing.

Matter is therefore forwarded to refer to the D&E Department for issuing clearance pleas.

ID: 010
Noted By: Susanta Deka
Noted On: 03/01/2025 Time : 16:56:32

Forwarded To : Bijit Kr. Goswami

Trailing notes are referred.

May please be seen.

ID: 011
Noted By: Bijit Kr. Goswami
Noted On: 03/01/2025 Time : 18:01:19

Forwarded To : Joypal Roy

Trailing FLM notes and attachments may kindly be referred.

Ref: Work Order No. NEEPCO/KHPS C&P (C)/F-05/2023-24/4101 dtd. 09.02.2024. (attached)

The instant proposal pertains to obtaining Technical Clearance of revised/deviation quantity against the work "Renovation & Modernization of Hydro Mechanical Equipment of Khandong Stage-I Hydro Power Station (2x23 MW) Umrangso, Dima-Hasao, Assam" from D&E.

1. Due to deviations in the BoQ items observed during execution of the contract as stated above in the intertest of unhindered progress of work, a provisional deviation statement has been prepared based on the executed quantity which are detailed at workflow ID #0001 and has been recommended by HOP: KHPS.
2. It is also that the deviation occurred primarily due to inadequate provision in the BoQ quantities and also as per the actual requirement of site.
3. Based on the above-mentioned reasons, the total financial involvement of the works "Renovation & Modernization of Hydro Mechanical Equipment's of Khandong Stage-I Hydro Power Station (2X23 MW) Umrangso, Dima-Hasao, Assam" arrives at Rs 3,70,03,647.00 as against Rs. 3,09,79,385.00 (as per the WO). Therefore, the total amount deviated by (+) Rs. 60,24,262.00, i.e. the deviation of **(+) 19.45%.**
4. Site Finance has vetted the proposal and accorded the variation in Contract price with the reasons for the positive deviation mentioned in note ID # 0001 and suggested to regulate as per Clause 15.1, Section-I of DOP to obtain technical clearance for the variation in consultation with the Design & Engineering (D&E) department under at his note ID # 0008.

In view of the above, the proposal may kindly be forwarded to ED(D&E) for according Technical Clearance on the instant proposal.

Submitted please.

ID: 012
Noted By: Joypal Roy
Noted On: 06/01/2025 Time : 18:15:51

Forwarded To : Bijit Kr. Goswami

Trailing notes may kindly be referred.

The subject proposal is placed for examination at D&E department and Technical Clearance, please.

ID: 013
Noted By: Bijit Kr. Goswami
Noted On: 07/01/2025 Time : 11:37:54

Forwarded To : Siddhartha Sankar Adhikari

Pl examine

ID: 014

Noted By: Siddhartha Sankar Adhikari
Noted On: 07/01/2025 Time : 13:55:18

Forwarded To : Sitangshu Dhar

Please examine.

ID: 015
Noted By: Sitangshu Dhar
Noted On: 08/01/2025 Time : 10:43:33

Forwarded To : Sujeet Kumar Jha

The trailing FLM notes may be referred to.

The proposal has been examined and found to be technically in order. It may be noted that the contractual/financial aspects of the proposal are not examined at this end.

The proposal may be recommended for technical sanction by the competent authority.

Submitted for kind perusal and further needful please.

ID: 016
Noted By: Sujeet Kumar Jha
Noted On: 09/01/2025 Time : 10:16:38

Forwarded To : Sitangshu Dhar

The proposal is recommended for technical concurrence please.

ID: 017
Noted By: Sitangshu Dhar
Noted On: 14/01/2025 Time : 11:30:11

Forwarded To : Siddhartha Sankar Adhikari

Technical clearance accorded, please

ID: 018
Noted By: Siddhartha Sankar Adhikari
Noted On: 14/01/2025 Time : 12:46:01

Forwarded To : Bijit Kr. Goswami

Technical Clearance accorded by D&E department may please be seen.

For further needful please.

ID: 019
Noted By: Bijit Kr. Goswami
Noted On: 14/01/2025 Time : 17:48:33

Forwarded To : Susanta Deka

Referring preceding notes,

On receipt of the Technical Clearance from the D&E Department recorded at workflow #0018, further conveyed by the ED (O&M), Technical Approval is accorded.

For further needful please.

ID: 020
Noted By: Susanta Deka
Noted On: 15/01/2025 Time : 17:08:26

Forwarded To : Chandra Prasad Saikia

Forwarded for further process please.

ID: 021
Noted By: Chandra Prasad Saikia
Noted On: 18/01/2025 Time : 12:15:31

Forwarded To : Utpal Borah

Trailing note.

For needful.

ID: 022
Noted By: Utpal Borah
Noted On: 21/01/2025 Time : 22:41:40

Forwarded To : Partha Protim Neog

Consequent upon obtaining Technical Approval from HoP, KHPS, forwarded for further needful please

ID: 023
Noted By: Partha Protim Neog
Noted On: 22/01/2025 Time : 15:48:50

Forwarded To : Bikon Longmailai

Trailing notes may please be seen.

The PR No 1300004682 has been generated for the deviated quantity and extra works to add to the PO. No.3700009230 for further process of bill to the vendor.

Submitted for needful please.

ID: 024
Noted By: Bikon Longmailai
Noted On: 21/02/2025 Time : 14:02:06

Forwarded To : Partha Protim Neog

Consequent upon obtaining approval from Competent Authority and creation of PR No 1300004682 for the deviated quantity and extra works, the instant proposal may please be forwarded to C&P Wing for further needful please.

ID: 025
Noted By: Partha Protim Neog

Noted On: 24/02/2025 Time : 10:35:59

Forwarded To : Utpal Borah

Trailing note pl.

Forwarded the PR for further needful pl.

ID: 026
Noted By: Utpal Borah
Noted On: 24/02/2025 Time : 11:36:25

Forwarded To : Chandra Prasad Saikia

Preceding notes may be seen.

Please add PR No 1300004682 for the deviated quantity and extra works to the PO. No.3700009230.

ID: 027
Noted By: Chandra Prasad Saikia
Noted On: 24/02/2025 Time : 12:29:34

Forwarded To : Gautam Kumar

As directed, PR-1300004682 has been added to the existing PO- 3700009230 for your kind perusal and further needful please.

ID: 028
Noted By: Gautam Kumar
Noted On: 24/02/2025 Time : 16:16:43

Forwarded To : Chandra Prasad Saikia

For record

ID: 029
Noted By: Chandra Prasad Saikia
Noted On: 29/04/2025 Time : 09:49:49

Forwarded To : Amrit kumar Borah

Forward for your record please.

ID: 030
Noted By: Amrit kumar Borah
Noted On: 02/05/2025 Time : 11:09:56

Forwarded To : Partha Protim Neog

The trailing notes may kindly be seen.

Forwarded for further needful

ID: 031
Noted By: Partha Protim Neog
Noted On: 02/05/2025 Time : 12:15:40

Forwarded To : Bikon Longmailai

नीपको NEEPCO
ISO 9001:2015
ISO14001:2015
ISO45001:2018

नार्थ ईस्टर्न इलेक्ट्रिक पावर कारपोरेशन लिमिटेड
(भारत सरकार का उद्दाम)
NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
(A Govt. of India Enterprise)
(कोपिली जल-विद्युट संयंत्र) KOPILI HYDRO POWER STATION
(उमरांगसो)Umrongso-788931, (डिमा हासाओ)Dima Hasao, असम Assam.

T-110

L. No.: KHPS/HSM-II/ T-110/2025-26/ 198 Date: 27/09/2025

IOM

From,	To,
GM(Tech), HSM-II, KHPS	The In-Charge (F&A), KHPS

Sub: Submission of 2nd RA Bill Escalation for the work 'Civil Works Pertaining To Restoration and Renovation & Modernization of Khandong Power Station (2X23 MW), Umrangso, Assam." in respect of M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd.

Ref : W.O. No:- NEEPCO/QP/ED/C&P/F/C/KhPS-CW/579/2023-24/157 Dated 12-05-2023

Agreement No.- NEEPCO/QP/ED(C&P)/R/C/KhPS(Civil)/708/2023-24 Dated 21-06-2023

With reference to above, enclosed please find herewith following bill of this establishment along with the enclosures for your kind perusal and further needful action please.

Sl. No.	Description of bills	Amount (Incl. GST) (Rs.)
1	Bill No. KHPS/HSM-II/T-110 /2025-26/ Date /09/2025 BTS ID- 3700006950-B25-0000	₹ 19,87,187/-

List of enclosures:

1. Bill in duplicate
2. List of MB: Escalation RA MB No.10336

   Measured RA Abstract MB No. 10270,10279,10338,10346

O/C

27/9/2025

GM(Tech),
HSM-II, KHPS, Umrongso

AUDIT SLIP

1	Name of contractor	M/s Sri Vijetha Engineers & Infrastructure Pvt. Ltd.
2	Brief description of work	Civil Works Pertaining To Restoration and Renovation & Modernization of Khandong Power Station (2X23 MW), Umrangso, Assam
3	Work order no & date	NEEPCO/QP/ED/C&P/F/C/KhPS-CW/579/2023-24/157 Dated 12-05-2023
(a)	Approval for payment of price adjustment/variation on monthly basis	Clause no 73. of W.O
4	Tech. sanction no & date	As per agreement
5	Reference to the item of cost estimate	As per agreement
6	Agreement no. & date	NEEPCO/QP/ED(C&P)/R/C/KhPS(Civil)/708/2023-24 Dated 21-06-2023
7	Nature of work (whether temporary or permanent):	Permanent
8	Ownership of the work	NEEPCO Ltd
9	Bill No & date	**2nd RA (Escalation)**
10	Period of work covered by the bill	**May'23 to June'25**
11	Date of completion of work as per agreement:	
12	Actual date of completion	Work is in progress
13	Period for which extension applied	NA
14	Whether transit pass/ royalty clearance certificate subm	NA
15	Whether there is any escalation clause	Yes
16	Whether there is any outstanding liability against work	NA
17	Whether site has been cleared on completion	Does not arise
18	Percentage of test check by Deputy Manager/Manager (C)	
	a) Ordinary item (s): 100%	NA
	b) Special item(s):100%	NA
19	Whether store issue statement submitted	NA
20	Whether store utilization statement submitted	NA
21	Whether recovery statement submitted	NA
22	Whether any special reference:	Escalation RA MB No.10336 Measured RA Abstract MB No. 10270,10279,10338,10346
23	Whether bill has been technically checked	:Does not arise
24	The above particulars has been verified and found correct and conducted test check Manager (C) as follows:	
	a) Ordinary item (s): 50%	:
	b) Special item(s): 50%	:
25	The above particulars has been verified and found correct and conducted test check as follows:	
	a) Ordinary item (s): 5%	: **Yes**
	b) Special item(s): 25%	: **Yes**

19/9/25

GM (Tech) , HSM-II
KHPS, Umrangso

19/9/25

M(C), HSM

NEEPCO Schedule II Works Form No. 10

Date- 18/09/25

Divn Bill No. NEEPCO/KHPS/HSM-II/T-110/2025-26/

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

RUNNING ACCOUNT BILL FORM

For Contractors - This form provides for (1) Advance payments (2) Secured Advances and (3) Payments for measured works.

Cash Book voucher No. Dated

Name of Contractor - M/S Sri Vijetha Engineers & Infrastructure Pvt. Ltd.

Name of Work:-Civil Works Pertaining To Restoration and Renovation & Modernization of Khandong Power Station (2X23 MW), Umrangso, Assam

Serial No of Bill - 2nd RA (Escalation)

No. and date of the previous Bill of this work - 1st RA (Escalation)

Reference to Agreement - NEEPCO/QP/ED(C&P)/R/C/KhPS(Civil)/708/2023-24 Dated 21-06-2023

I - Account of work executed

						₹ P.	₹ P.	₹ P.
Period	**Bill No**	**Gross Value of Work Done Amount (Excluding extra items)**	**Labour Component**	**Material Component**	**HSD Component**	**Up to date Amount**	**Amount already paid as per 1st RA Provisional Index**	**Amount since previous bill**
May'23 to Sep'23	1st RA	₹ 1,19,01,474.49	₹ 84,242.36	₹ 9,476.95	₹ 26,122.29	₹ 1,19,841.61	₹ 1,76,976.07	-₹ 57,134.46
Oct'23 to Dec'23	2nd & 3rd RA	₹ 2,80,81,134.35	₹ 2,52,476.46	₹ 1,64,909.12	₹ 73,463.56	₹ 4,90,849.14	₹ 4,90,849.14	₹ 0.00
Dec'23 to Feb'24	4th & 5th RA	₹ 4,23,01,889.37	₹ 3,93,076.29	₹ 98,245.93	₹ 1,10,666.73	₹ 6,01,988.95	₹ 6,01,988.95	₹ 0.00
Feb'24 to May'24	6th & 7th RA	₹ 3,99,29,663.00	₹ 3,93,884.48	₹ 2,05,344.98	₹ 46,033.53	₹ 6,45,262.99	₹ 6,37,738.28	₹ 7,524.71
May'24 to Sep'24	8th & 9th RA	₹ 4,22,18,331.25	₹ 5,83,681.15	₹ 5,15,472.66	₹ 54,288.07	₹ 11,53,441.87	₹ 11,58,133.88	-₹ 4,692.01
Sep'24 to Nov'24	10th & 11th RA	₹ 1,18,31,865.61	₹ 2,01,355.54	₹ 2,05,310.74	₹ 25,576.03	₹ 4,32,242.32	₹ 0.00	₹ 4,32,242.32
Dec'24 to Mar'25	12th & 13th RA	₹ 2,65,73,727.64	₹ 4,15,414.60	₹ 3,87,937.63	₹ 62,744.75	₹ 8,66,096.98	₹ 0.00	₹ 8,66,096.98
April'25 to Jun'25	14th & 15th RA	₹ 2,46,87,873.40	₹ 4,22,742.65	₹ 2,62,114.12	₹ 58,291.95	₹ 7,43,148.72	₹ 0.00	₹ 7,43,148.72
					Total Value to be adjusted/variation upto date=	**₹ 50,52,872.58**		**₹ 19,87,186.26**
					Less Already Paid in 1st RA=	₹ 30,65,686.00		
					Net Amount Payable for this bill=	₹ 19,87,186.58		

Rounded Off = ₹ 19,87,187.00

(Rupees Nineteen Lakh Eighty Seven Thousand One Hundred and Eighty Seven) only

18/9/25

M(C), HSM-II

GM (Tech), HSM
परांग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

20/9/25

Dated signature of the Contractor

18/09/2025

Sri Vijetha Engineers & Infrastructure Pvt. Ltd.

000742

II - Account of "Secured" advance allowed of the security of materials brought to site.

Quantity outstanding from previous bill	Deduct (Quantity utilised in work measured since previous bill)	Quantity outstanding (including quantity brought to site since	Full rate assesed by the Divisional Officer	Description of materials	Unit	Reduced rate at which advance is made	** Upto date amount of advance	Reference to Divisional Officer's Written orders authorising the advance	Reason for non clearance of Advance when outstanding more than three months
1	2	3	4	5	6	7	8	9	10

Toal amount outstanding as per this account — (c)

Deduct - Amount outstanding as per entry (c) of previous bill —

Net amount since previous bill (in words) **(Rupees Nineteen Lakh Eighty Seven Thousand One Hundred and Eighty Seven) only** ₹ 19,87,187.00 (E)

Entries relating to each description of materials should be posted thus in column 3. First enter the difference between the quantities in column 1 and 2. Then show below this entry, the quantities. If any, brought to site against which a further advance

III - Certificate and signature

1. The measurement on which are based the entries in column 4 to 9 of Account I were made by me and recorded at page 36-52 of Measurement Book No **10336**

2. Certified that in addition to and quite apart from the quantities of work actually executed as shown in column 7 of Account I has actually been done done in connection with several items, and the value of such work (after deduction therefrom the propor

3. Certified (1) that the plus quantities of materials shown in column 3 of Account II above actually been brought by the contractor to the site of the work and the contractor has not previously received any advance and their security, (2) that those mate

सिद्धार्थ चौधरी/Siddhartha Chowdhary
इंजीनियर (सी)/Manager (C)
एचएसएम-II/HSM-II
केएचपीएस, नीपको, उमरॉंगसो (असम)
KHPS, NEEPCO, Umrongso (Assam)

Dated signature of the officer preparing the bill — Manager(C), HSM-II

Dated signature of the Contractor 18/09/2015

Engineers & Infrastructure Pvt. Ltd.

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech)
एचएसएम / HSM
केएचपीएस, नीपको, उमरॉंगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

dated signature of the officer authorising payment — Rank _____

** These certificates must be signed by the officer of or above the rank of Sub-divisional Officer.

* This signature is necessary only when the officer who prepares the bill is not the officer who authorises the payment. In such case two signature is essential.

18AALCS0886Q3ZB
SRI VIJETHA ENGINEERS & INFRASTRUCTURE

1.e-Invoice Details

IRN : 3bece4d104152e313cade44803ba9dfdca8c01 **Ack No. :** 182520238850079 **Ack Date :** 18-09-2025 11:32:00
76291c399b461ac3aa4f89361f

2.Transaction Details

Supply type Code : B2B **Document No. :** ASSAM/25-26/4 **IGST applicable despite Supplier and Recipient located in same State :** No

Place of Supply : ASSAM

Document Type : Tax Invoice **Document Date :** 18-09-2025

3.Party Details

Supplier :
GSTIN : 18AALCS0886Q3ZB
SRI VIJETHA ENGINEERS & INFRASTRUCTURE
D-16/A,KHPS,UMRANGSO
UMRANGSO 788931 ASSAM

Recipient :
GSTIN : 18AAACN9991J2ZQ
NORTH EASTERN ELECTRIC POWER CORPORATION LTD
KHPE NEEPCO LTD UMRANGSO
UMRANGSO DIMA HASAO Place of Supply: ASSAM
788931 ASSAM

4.Details of Goods / Services

SlNo	Item Description	HSN Code	Quantity	Unit	Unit Price(Rs)	Discount(Rs)	Taxable Amount(Rs)	Tax Rate(GST + Cess | State Cess + Cess Non.Advol	Other charges	Total
1	Civil Works Pertaining to Restoration and Renovation &Modernisation of Khandong power Station	995422	1	OTH	1684056.44	0	1684056.44	18.00 + 0.00 | 0.00 + 0	0	1987186.60

Tax'ble Amt	CGST Amt	SGST Amt	IGST Amt	CESS Amt	State CESS	Discount	Other Charges	Round off Amt	Tot Inv. Amt
1684056.44	151565.08	151565.08	0.00	0.00	0.00	0.00	0.00	0.00	1987186.60

Generated By : 18AALCS0886Q3ZB
Print Date : 18-09-2025 11:32:11

182520238850079

eSign
Digitally Signed by NIC-IRP
on :2025-09-18 11:32:00

Sri Vijetha Engineers & Infrastructure Pvt. Ltd.

Bill verified for ₹ 1987187.00 & found correct

16/9/25

सिद्धार्थ चौधरी/Siddhartha Chowdhary
उप-प्रबंधक (सी)/Dy. Manager (C)
एचएसएम- II/HSM-II
केएचपीएस, नीपको, उमरॉंगसो (असम)
KHPS, NEEPCO, Umrongso (Assam)

20/9/25

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमरांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

Calculation of Indices

Name of work	Civil Works Pertaining To Restoration and Renovation & Modernization of Khandong Power Station (2X23 MW), Umrangso, Assam
Name of contractor	M/S Sri Vijetha Engineers & Infrastructure Pvt. Ltd.
Work Order No	NEEPCO/QP/ED/C&P/F/C/KhPS-CW/579/2023-24/157 Dated 12-05-2023
Bill No	2nd Escalation Bill
Bill period	16.09.2024 to 30.06.2025

Yearly Quarter	Month	Labour (AICPI)			Material (other than Cement and steel) (WPI-All comm-av)			Retail Selling Price of HSD		
		Base(Jan'23) 132.8			Base(Jan'23) 150.7			Base(Jan'23) 90.21		
		Index	Linking factor	Average	Index	Linking factor	Average	Index	Linking factor	Average
1st Quarter 2023-2024	Apr-23	-	-	-	-	-	-	-	-	-
	May-23	134.70	Nil	137.50	149.40	Nil	150.94	91.34	Nil	92.16
	Jun-23	136.40	Nil		148.90	Nil		91.86	Nil	
2nd Quarter 2023-2024	Jul-23	139.70	Nil		152.10	Nil		92.48	Nil	
	Aug-23	139.20	Nil		152.50	Nil		92.57	Nil	
	Sep-23	137.50	Nil		151.80	Nil		92.57	Nil	
3rd Quarter 2023-2024	Oct-23	138.40	Nil	138.77	152.50	Nil	152.47	92.57	Nil	92.57
	Nov-23	139.10	Nil		153.10	Nil		92.57	Nil	
	Dec-23	138.80	Nil		151.80	Nil		92.57	Nil	
4th Quarter 2023-2024	Jan-24	138.90	Nil	138.97	151.20	Nil	151.40	92.57	Nil	92.57
	Feb-24	139.20	Nil		151.20	Nil		92.57	Nil	
1st Quarter 2024-2025	Mar-24	138.90	Nil	139.35	151.40	Nil	152.25	91.43	Nil	91.25
	Apr-24	139.40	Nil		152.90	Nil		90.50	Nil	
	May-24	139.90	Nil		153.50	Nil		90.50	Nil	
2nd Quarter 2024-2025	Jun-24	141.40	Nil	141.98	154.00	Nil	154.38	91.48	Nil	91.37
	Jul-24	142.70	Nil		155.3	Nil		91.63	Nil	
	Aug-24	142.60	Nil		154.4	Nil		91.63	Nil	
3rd Quarter 2024-2025	Sep-24	143.30	Nil	144.10	154.70	Nil	155.93	91.63	Nil	92.16
	Oct-24	144.50	Nil		156.70	Nil		92.59	Nil	
	Nov-24	144.50	Nil		156.40	Nil		92.27	Nil	
4th Quarter 2024-2025	Dec-24	143.70	Nil	143.18	155.70	Nil	155.10	92.34	Nil	92.34
	Jan-25	143.20	Nil		155.00	Nil		92.34	Nil	
	Feb-25	142.80	Nil		154.90	Nil		92.34	Nil	
	Mar-25	143.00	Nil		154.80	Nil		92.34	Nil	
1st Quarter 2025-2026	Apr-25	143.50	Nil	144.17	154.20	Nil	153.90	92.34	Nil	92.34
	May-25	144.00	Nil		153.70	Nil		92.34	Nil	
	Jun-25	145.00	Nil		153.80	Nil		92.34	Nil	

Dated signature of the Contractor

16/09/2025

Sri Vijetha Engineers & Infrastructure Pvt. Ltd.

16/9/25

Manager (C), HSM-II, KHEP

सिद्धार्थ चौधरी/Siddhartha Chowdhary
उप-प्रबंधक (सी)/Dy. Manager (C)
एचएसएम- II/HSM-II
केएचपीएस, नीपको, उमरॉंगसो (असम)
KHPS, NEEPCO, Umrongso (Assam)

20/9/25

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

"REVISED" CALCULATION SHEET FOR PERIOD 01.05.23 TO 30.09.23

Work Period- 01.05.2023 to 30.09.2023

Work done value for the above period (including All taxes/GST) =		R	₹ 1,19,01,474.49
1 Labour component			
	Base index value (Jan'2023) =	L_0	132.8
	Linking factor =		Nil
	CPI-IW Factor For Period under consideration is	L_1	137.500
	Co-efficient of labour (for all category) =	I*	0.20
	Value of work done =	R	₹ 1,19,01,474.49
	Total on Labour component= $RxI^*x\{(L_1-L_0)/L_0\}$=		₹ 84,242.36
2 Materials (other than cement and steel) component			
	Base index value (Jan'2023) =	M_0	150.70
	WPI Factor For Period under consideration is	M_1	150.940
	Co-efficient of materials (other than cement and steel) content =	m*	0.50
	Value of work done =	R	₹ 1,19,01,474.49
	Total on material component= $Rxmx\{(M_1-M_0)/M_0\}$		₹ 9,476.95
3 HSD component			
	Base index value (Jan'2023) =	D_0	90.21
	HSD For Period under consideration is	D_1	92.19
	Co-efficient of HSD content =	d	0.10
	Value of work done =	R	₹ 1,19,01,474.49
	Total on HSD component= $Rxdx\{(D_1-D_0)/D_0\}$		₹ 26,122.29
Amount to be adjusted in contractor's payment (1st R/A Price adustment / Variation Bill =		**V**	**₹ 1,19,841.61**

18/09/2025

14/9/25

सिद्धार्थ चौधरी
प्रबंधक (सी)
के.एच.पी.एस, उमरांगसो
नीपको लिमिटेड।

Siddhartha Chowdhary
Manager (C)
KHPS, Umrangso
NEEPCO Ltd.

20/9/25

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमरांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

"REVISED" CALCULATION SHEET FOR PERIOD 01.10.23 TO 10.12.23

Work Period- 01.10.2023 to 10.12.2023

Work done value for the above period (including All taxes/GST) =		R	₹ 2,80,81,134.35
1 Labour component			
Base index value (Jan'2023) =		L_0	132.8
Linking factor =			Nil
CPI-IW Factor For Period under consideration is		L_1	138.770
Co-efficient of labour (for all category) =		I*	0.20
Value of work done =		R	₹ 2,80,81,134.35
Total on Labour component= RxI*x{(L_1-L_0)/L_0}=			₹ 2,52,476.46
2 Materials (other than cement and steel) component			
Base index value (Jan'2023) =		M_0	150.70
WPI Factor For Period under consideration is		M_1	152.470
Co-efficient of materials (other than cement and steel) content =		m*	0.50
Value of work done =		R	₹ 2,80,81,134.35
Total on material component= Rxmx{(M_1-M_0)/M_0}			₹ 1,64,909.12
3 HSD component			
Base index value (Jan'2023) =		D_0	90.21
HSD For Period under consideration is		D_1	92.57
Co-efficient of HSD content =		d	0.10
Value of work done =		R	₹ 2,80,81,134.35
Total on HSD component= Rxdx{(D_1-D_0)/D_0}			₹ 73,463.56
Amount to be adjusted in contractor's payment (2nd & 3rd R/A Price adustment / Variation Bill =		**V**	**₹ 4,90,849.14**

18/09/2025

Sri Vijaya Engineers & Infrastructure Pvt Ltd

10/9/25

सिद्धार्थ चौधरी
प्रबंधक (सी)
के.एच.पी.एस, उमरांगसो
नीपको लिमिटेड।

Siddhartha Chowdhary
Manager (C)
KHPS, Umrangso
NEEPCO Ltd.

20/9/25

महाप्रबन्धक (टेक्नि/ Gen... Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमरांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

"REVISED" CALCULATION SHEET FOR PERIOD 11.12.23 TO 15.02.24

Work Period- 11.12.2023 to 15.02.2024

Work done value for the above period (including All taxes/GST) =		R	₹ 4,23,01,889.37
1 Labour component			
	Base index value (Jan'2023) =	L_0	132.8
	Linking factor =		Nil
	CPI-IW Factor For Period under consideration is	L_1	138.970
	Co-efficient of labour (for all category) =	I*	0.20
	Value of work done =	R	₹ 4,23,01,889.37
	Total on Labour component= RxI*x{(L_1-L_0)/L_0}=		₹ 3,93,076.29
2 Materials (other than cement and steel) component			
	Base index value (Jan'2023) =	M_0	150.70
	WPI Factor For Period under consideration is	M_1	151.400
	Co-efficient of materials (other than cement and steel) content =	m*	0.50
	Value of work done =	R	₹ 4,23,01,889.37
	Total on material component= Rxmx{(M_1-M_0)/M_0}		₹ 98,245.93
3 HSD component			
	Base index value (Jan'2023) =	D_0	90.21
	HSD For Period under consideration is	D_1	92.57
	Co-efficient of HSD content =	d	0.10
	Value of work done =	R	₹ 4,23,01,889.37
	Total on HSD component= Rxdx{(D_1-D_0)/D_0}		₹ 1,10,666.73
	Amount to be adjusted in contractor's payment (4th & 5th R/A Price adustment / Variation Bill =	**V**	**₹ 6,01,988.95**

18/09/2025

Sri Vidha Engineers & Infrastructure Pvt. Ltd.

10/9/25

सिद्धार्थ चौधरी
प्रबंधक (सी)
के.एच.पी.एस, उमरांगसो
नीपको लिमिटेड।

Siddhartha Chowdhary
Manager (C)
KHPS, Umrangso
NEEPCO Ltd.

10/9/25

पराग साइकिया / **Parag Saikia**
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस, नीपको, लि., उमरांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

"REVISED" CALCULATION SHEET FOR PERIOD 16.02.24 TO 25.05.24

Work Period--16.02.2024 to 25.05.2024

Work done value for the above period (including All taxes/GST) =		R	₹ 3,99,29,663.00
1	Labour component		
	Base index value (Jan'2023) =	L_0	132.8
	Linking factor =		Nil
	CPI-IW Factor For Period under consideration is	L_1	139.350
	Co-efficient of labour (for all category) =	I*	0.20
	Value of work done =	R	₹ 3,99,29,663.00
	Total on Labour component= $RxI^*x\{(L_1-L_0)/L_0\}$=		₹ 3,93,884.48
2	Materials (other than cement and steel) component		
	Base index value (Jan'2023) =	M_0	150.70
	WPI Factor For Period under consideration is	M_1	152.250
	Co-efficient of materials (other than cement and steel) content =	m*	0.50
	Value of work done =	R	₹ 3,99,29,663.00
	Total on material component= $Rxmx\{(M_1-M_0)/M_0\}$		₹ 2,05,344.98
3	HSD component		
	Base index value (Jan'2023) =	D_0	90.21
	HSD For Period under consideration is	D_1	91.25
	Co-efficient of HSD content =	d	0.10
	Value of work done =	R	₹ 3,99,29,663.00
	Total on HSD component= $Rxdx\{(D_1-D_0)/D_0\}$		₹ 46,033.53
	Amount to be adjusted in contractor's payment (6th & 7th R/A Price adustment / Variation Bill =	**V**	**₹ 6,45,262.99**

18/09/2025

Sri Vitekha Engineers & Infrastructure Pvt. Ltd.

18/9/25

सिद्धार्थ चौधरी
प्रबंधक (सी)
के.एच.पी.एस, उमरांगसो
नीपको लिमिटेड।

Siddhartha Chowdhary
Manager (C)
KHPS, Umrangso
NEEPCO Ltd.

20/9/25

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमरांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

"REVISED" CALCULATION SHEET FOR PERIOD 26.05.24 TO 15.09.24

Work Period- 26.05.2024 to 15.09.2024

Work done value for the above period (including All taxes/GST) =		R	₹ 4,22,18,331.25
1 Labour component			
Base index value (Jan'2023) =		L_0	132.8
Linking factor =			Nil
CPI-IW Factor For Period under consideration is		L_1	141.980
Co-efficient of labour (for all category) =		I*	0.20
Value of work done =		R	₹ 4,22,18,331.25
Total on Labour component= Rxl*x$((L_1-L_0)/L_0)$=			₹ 5,83,681.15
2 Materials (other than cement and steel) component			
Base index value (Jan'2023) =		M_0	150.70
WPI Factor For Period under consideration is		M_1	154.380
Co-efficient of materials (other than cement and steel) content =		m*	0.50
Value of work done =		R	₹ 4,22,18,331.25
Total on material component= Rxmx$\{(M_1-M_0)/M_0\}$			₹ 5,15,472.66
3 HSD component			
Base index value (Jan'2023) =		D_0	90.21
HSD For Period under consideration is		D_1	91.37
Co-efficient of HSD content =		d	0.10
Value of work done =		R	₹ 4,22,18,331.25
Total on HSD component= Rxdx$\{(D_1-D_0)/D_0\}$			₹ 54,288.07
Amount to be adjusted in contractor's payment (8th & 9th R/A Price adustment / Variation Bill =		**V**	**₹ 11,53,441.87**

18/09/2025

Sri Vijaya Engineers & Infrastructure Pvt. Ltd.

18/9/25

सिद्धार्थ चौधरी
प्रबंधक (सी)
के.एच.पी.एस, उमरांगसो
नीपको लिमिटेड।

Siddhartha Chowdhary
Manager (C)
KHPS, Umrangso
NEEPCO Ltd.

20/9/25

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमरांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

CALCULATION SHEET

Work Period-16.09.2024 to 30.11.2024

Work done value for the above period (including All taxes/GST) =		R	₹ 1,18,31,865.61
1 Labour component			
Base index value (Jan'2023) =		L_0	132.8
Linking factor =			Nil
CPI-IW Factor For Period under consideration is		L_1	144.100
Co-efficient of labour (for all category) =		I*	0.20
Value of work done =		R	₹ 1,18,31,865.61
Total on Labour component= $RxI*x\{(L_1-L_0)/L_0\}$=			₹ 2,01,355.54
2 Materials (other than cement and steel) component			
Base index value (Jan'2023) =		M_0	150.70
WPI Factor For Period under consideration is		M_1	155.930
Co-efficient of materials (other than cement and steel) content =		m*	0.50
Value of work done =		R	₹ 1,18,31,865.61
Total on material component= $Rxmx\{(M_1-M_0)/M_0\}$			₹ 2,05,310.74
3 HSD component			
Base index value (Jan'2023) =		D_0	90.21
HSD For Period under consideration is		D_1	92.16
Co-efficient of HSD content =		d	0.10
Value of work done =		R	₹ 1,18,31,865.61
Total on HSD component= $Rxdx\{(D_1-D_0)/D_0\}$			₹ 25,576.03
Amount to be adjusted in contractor's payment (10th & 11th R/A Price adustment / Variation Bill =		V	**₹ 4,32,242.32**

18/09/2025

Engineers & Infrastructure Pvt. Ltd.

16/9/25

16/9/25

सिद्धार्थ चौधरी
प्रबंधक (सी)
के.एच.पी.एस, उमरांगसो
नीपको लिमिटेड।

Siddhartha Chowdhary
Manager (C)
KHPS, Umrangso
NEEPCO Ltd.

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

CALCULATION SHEET

Work Period- 01.12.2025 to 31.03.2025

Work done value for the above period (including All taxes/GST) =		R	₹ 2,65,73,727.64
1 Labour component			
Base index value (Jan'2023) =		L_0	132.8
Linking factor =			Nil
CPI-IW Factor For Period under consideration is		L_1	143.180
Co-efficient of labour (for all category) =		I*	0.20
Value of work done =		R	₹ 2,65,73,727.64
Total on Labour component= RxI*x{(L_1-L_0)/L_0}=			₹ 4,15,414.60
2 Materials (other than cement and steel) component			
Base index value (Jan'2023) =		M_0	150.70
WPI Factor For Period under consideration is		M_1	155.100
Co-efficient of materials (other than cement and steel) content =		m*	0.50
Value of work done =		R	₹ 2,65,73,727.64
Total on material component= Rxmx{(M_1-M_0)/M_0}			₹ 3,87,937.63
3 HSD component			
Base index value (Jan'2023) =		D_0	90.21
HSD For Period under consideration is		D_1	92.34
Co-efficient of HSD content =		d	0.10
Value of work done =		R	₹ 2,65,73,727.64
Total on HSD component= Rxdx{(D_1-D_0)/D_0}			₹ 62,744.75
Amount to be adjusted in contractor's payment (12th & 13th R/A Price adustment / Variation Bill =		V	**₹ 8,66,096.98**

18/09/2025

Sri Vidhata Engineers & Infrastructure Pvt. Ltd.

12/9/25

सिद्धार्थ चौधरी
प्रबंधक (सी)
के.एच.पी.एस, उमरांगसो
नीपको लिमिटेड।

Siddhartha Chowdhary
Manager (C)
KHPS, Umrangso
NEEPCO Ltd.

12/9/25

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमरांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

CALCULATION SHEET

Work Period- 01.04.2025 to 30.06.2025

Work done value for the above period (including All taxes/GST) =		R	₹ 2,46,87,873.40
1 Labour component			
Base index value (Jan'2023) =		L_0	132.8
Linking factor =			Nil
CPI-IW Factor For Period under consideration is		L_1	144.170
Co-efficient of labour (for all category) =		I*	0.20
Value of work done =		R	₹ 2,46,87,873.40
Total on Labour component= RxI*x{(L_1-L_0)/L_0}=			₹ 4,22,742.65
2 Materials (other than cement and steel) component			
Base index value (Jan'2023) =		M_0	150.70
WPI Factor For Period under consideration is		M_1	153.900
Co-efficient of materials (other than cement and steel) content =		m*	0.50
Value of work done =		R	₹ 2,46,87,873.40
Total on material component= Rxmx{(M_1-M_0)/M_0}			₹ 2,62,114.12
3 HSD component			
Base index value (Jan'2023) =		D_0	90.21
HSD For Period under consideration is		D_1	92.34
Co-efficient of HSD content =		d	0.10
Value of work done =		R	₹ 2,46,87,873.40
Total on HSD component= Rxdx{(D_1-D_0)/D_0}			₹ 58,291.95
Amount to be adjusted in contractor's payment (14th & 15th R/A Price adustment / Variation Bill =		V	**₹ 7,43,148.72**

18/09/2025

Sri Vitthala Engineers & Infrastructure Pvt. Ltd.

19/9/25

सिद्धार्थ चौधरी
प्रबंधक (सी)
के.एच.पी.एस, उमरांगसो
नीपको लिमिटेड।

Siddhartha Chowdhary
Manager (C)
KHPS, Umrangso
NEEPCO Ltd.

20/9/25

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमरांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

Diesel Rate

From	To	Days	Rate
05-06-24	29-10-24	147.00	91.63
30-10-24	02-11-24	4.00	91.35
03-11-24	30-11-24	28.00	92.34
01-12-24	31-12-24	31.00	92.34
01-01-25	31-01-25	31.00	92.34
01-02-25	28-02-25	28.00	92.34
01-03-25	31-03-25	31.00	92.34
01-04-25	30-04-25	30.00	92.34
01-05-25	31-05-25	31.00	92.34
01-06-25	30-06-25	30.00	92.34
01-07-25	31-07-25	31.00	92.34

All India Labour Index and Whole sale price Index

Months	Labour	All Comodities
Sep-24	143.30	154.60
Oct-24	144.50	156.70
Nov-24	144.50	156.40
Dec-24	143.70	155.70
Jan-25	143.20	155.00
Feb-25	142.80	154.90
Mar-25	143.00	154.80
Apr-25	143.50	154.20
May-25	144.00	153.70
Jun-25	145.00	153.80
Jul-25	146.50	154.40

Sri Vijeya Engineers & Infrastructure Pvt. Ltd.

Centre Index | Official website of Labour Bureau, Ministry of Labour and Employment,Government of India

S.No	Base Year	State	Year	Month	Index
1	2016	All India	2025	Jan	143.2
2	2016	All India	2025	Feb	142.8
3	2016	All India	2025	Mar	143.0
4	2016	All India	2025	Apr	143.5
5	2016	All India	2025	May	144.0
6	2016	All India	2025	Jun	145.0
7	2016	All India	2025	Jul	146.5
8	2016	All India	2024	Sep	143.3
9	2016	All India	2024	Oct	144.5
10	2016	All India	2024	Nov	144.5
11	2016	All India	2024	Dec	143.7

सत्यमेव जयते

आर्थिक सलाहकार का कार्यालय
OFFICE OF THE ECONOMIC ADVISER
DEPARTMENT FOR PROMOTION OF INDUSTRY AND INTERNAL TRADE

Wholesale Price Index (WPI)

Monthly Wholesale Price Index
Name of Commodity : All commodities
Type : Group Item
Weight : 100
Base Year : 2011-12 = 100

Month/Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2025	155	154.9	154.8	154.2	153.7	153.8	154.4					

1. Figure 0 may be treated as index for particular item not-available.
2. Figures for the latest two months are provisional. Latest two months are to be reckoned with reference to the latest monthly press release issued.
3. (NR : Not Released) : Please refer official Press Release for more information.

सत्यमेव जयते

आर्थिक सलाहकार का कार्यालय
OFFICE OF THE ECONOMIC ADVISER
DEPARTMENT FOR PROMOTION OF INDUSTRY AND INTERNAL TRADE

Wholesale Price Index (WPI)

Monthly Wholesale Price Index
Name of Commodity : All commodities
Type : Group Item
Weight : 100
Base Year : 2011-12 = 100

Month/Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2024	151.2	151.2	151.4	152.9	153.5	154	155.3	154.4	154.7	156.7	156.4	155.7

1, Figure 0 may be treated as index for particular item not-available.
2, Figures for the latest two months are provisional. Latest two months are to be reckoned with reference to the latest monthly press release issued.
3, (NR : Not Released) : Please refer official Press Release for more information.

SUPER SERVICE STATION

Dealer: Indian Oil Corporation Ltd. (MD)
13 Kilo, P.O. : Umrangso, Dist.: Dima Hasao - 788931
E-mail: superservicestation38@gmail.com
GSTIN: 18ABXPH2886H2ZX

Date: 25-11-2024

To

Sri Vijetha Engineers & Infrastructure Pvt. Ltd.,

D-16/A KHEP Colony,

Umrangso, Dima Hasao District,

Assam-788931

Dear Sir,

Sub: HSD (Diesel) Prices from 01-04-2024 to 25-11-2024 at Umrangso.

With reference to the above, as requested by you we are providing the rates of HSD in Rupees per Litre at Umrangso, Dima Hasao District Assam.

S.No.	Material	Valid from	Valid to	Rate/Ltr (Rs.)
1	HSD	01-04-2024	04-06-2024	90.50
2	HSD	05-06-2024	29-10-2024	91.63
3	HSD	30-10-2024	30-10-2024	91.32
4	HSD	31-10-2024	25-11-2024	91.32

This is for information only.

Thanks & Regards.

Manager
Super Service Station
For Super Service Station

✆: 70863 99088

DHAC Fuel Station

3 Kilo Umrangso, Dima Hasao (Assam)

Dealer : Bharat Petroleum Corp. Ltd.

Ref. No. DHAC/3K\10/25-26/09

Date 29/07/2025

To
Sri Vijetha Engineers & Infrastructure Pvt. Ltd.,
D-16/A KHEP Colony,
Umrangso, Dima Hasao District,
Assam-788931

Dear Sir,

Sub: HSD (Diesel) Prices from 01-10-2024 to 29-07-2025 at 3 Kilo Umrangso.

With reference to the above, as requested by you we are providing the rates of HSD in Rupees per Litre at 3 Kilo Umrangso, Dima Hasao District Assam.

S.No.	Material	Valid from	Valid to	Rate/Ltr (Rs.)
1	HSD	01-10-2024	29-10-2024	92.59
2	HSD	30-10-2024	02-11-2024	91.35
3	HSD	03-11-2024	30-11-2024	92.34
4	HSD	01-12-2024	31-12-2024	92.34
5	HSD	01-01-2025	31-01-2025	92.34
6	HSD	01-02-2025	28-02-2025	92.34
7	HSD	01-03-2025	31-03-2025	92.34
8	HSD	01-04-2025	30-04-2025	92.34
9	HSD	01-05-2025	31-05-2025	92.34
10	HSD	01-06-2025	30-06-2025	92.34
11	HSD	01-07-2025	29-06-2025	92.34

This is for information only.

Thanks & Regards.

M/S DHAC Fuel Station
Umrangso, Dima Hasao

29/07/2025

For DHAC Fuel Station

North Eastern Electric Power Corporation Limited

Miniratna : Category-I PSU, A fully Owned Subsidiary of NTPC Ltd.

SERVICE ENTRY SHEET

Service Entry Sheet No	: 1000062927	Service Entry Date	: Aug 30, 2025	
Entry Made by	: 5212 (BHUPEN BORKAKATI)			
Plant	: 1900-KHANDONG STAGE I - CAPEXKHANDONG STAGE I - CAPEX			
Vendor Name	: 500432-SRI VIJETHA ENGG. & INFRASTRU.ENGINEERING & INFRASTRUCTURE			
Vendor Address	: SUBBA RAO ROAD , FLAT NO. 302 RAGHAVA KRISHNA , VIJAYAWADA , KANURU , ANDHRA PRADESH			
PO/WO Number	: 3700006950			
PO/WO Item No. & Desc.:	140 - 2ND RA ESCALATION BILL			
PO/WO Subject	: Civil Works Pertaining to Restoration and Renovation &Modernisation of Khandong Power Station (2x23 MW) Umrongso			
PO Validity Start Date	: May 1, 2023	PO Validity End Date	: Nov 30, 2024	
Service Header Text	: ESCALLATION BILL 2	Doc.Text	:	
Project	: RM-192302 - CIVIL WORKS PERTAINING TO KH PS (2X23MW)			
WBS Element	: RM-192302 - WBS ELEMENT RM-192302			
Network	: 6000864 - CIVIL WORKS KH PS (2X23MW)			

S.No	Service No.	Description	Quantity	UOM	Unit Price (INR)	OH Charge %	Amount(INR)
1	10001436	Escalation (4014000)	1.000	LS	1,681,655.83		1,681,655.83
						Total :INR	1,681,655.83
		Net Value Incl. Tax (Tax Code :N5-Input CGST (9%) + SGST (9%) Non-Deductible):INR					1,984,353.83

*BTS ID : 3700006950-B25-000007

27-09-2025.

Seal & Signature

27/09/2025

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

उप प्रबंधक (सी)/Dy Manager (C)
एचएसएम/HSM-II
केएचपीएस, नीपको, उमरांगसो (असम)
KHPS, NEEPCO, Umrongso (Assam)

नार्थ ईस्टर्न इलेक्ट्रिक पावर कारपोरेशन लिमिटेड
(भारत सरकार का उद्दाम)
NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
(A Govt. of India Enterprise)
(कोपिली जल-बिड्युट संयंत्र) KOPILI HYDRO POWER STATION
ISO
ISO1
ISO45001:2018
(उमरांगसो)Umrongso-788931, (डिमा हासाओ)Dima Hasao, असम Assam.

L. No.: KHPS/HSM/ ~~T-110~~-VOL-II/2024-25/ 05 Date : 03/12/2024

IOM

From,	To,
CGM(C), HSM, KHPS	The Dy Manager (F&A), KHPS

Sub: Submission of 4th RA (Measured) for the work 'Civil works pertaining to construction of Kiosk Building at Khandong Power Station, KHPS, Umrongso, Dima Hasao, Assam.'' in respect of M/s Pulakesh Kakati.

Ref : Agreement No:- **NEEPCO/KHPS/C&P(C)/F-06/2023-24/44 Dtd 31-10-2023**

With reference to above, enclosed please find herewith following bill of this establishment along with the enclosures for your kind perusal and further needful action please.

Sl. No.	Description of bills	Amount (Rs.)
1	Bill No. KHPS/HSM/T110-Vol-2/2024-25/ 82 Date 26 / 12/2024	₹ 26,75,075.00

List of enclosures:

1. Audit slip
2. Bill in duplicate
3. List of MBs : 10350, 10059,10043,10138, 4718, 10087 (10300 Abstract Measured)
4. Utilization statement for main items
5. Recovery Statement
6. Time Extension approval
7. Service Entry Sheet No:- 1000049280
8. BTS ID No. 3700007380-B24-000002

CGM(C), 2/1/25

HSM, KHPS, Umrongso

Memo. No. KHPS/CGM(C)/HSM/24-25/06-07 dtd 03/01/2025

Copy to: -

3. The CGM (E/M), HOP, KHPS, NEEPCO, for kind information please.
4. The In-Charge, M/s Pulakesh Kakati for kind information.

Pulakesh Kakati 03/01/25

CGM(C), 2/1/25

HSM, KHPS, Umrangso

North Eastern Electric Power Corporation Limited

Miniratna : Category-I PSU, A fully Owned Subsidiary of NTPC Ltd.

SERVICE ENTRY SHEET

Service Entry Sheet No	: 1000049280	Service Entry Date	: Dec 17, 2024
Entry Made by	: 5685 (ROBERT LALSANGA)		
Plant	: 1900-KHANDONG STAGE I - CAPEXKHANDONG STAGE I - CAPEX		
Vendor Name	: 500450-PULAKESH KAKATI		
Vendor Address	: NEAR BSF CAMP , MANDIR PATH HOUSE NO. 47 , GUWAHATI , ASSAM		
PO/WO Number	: 3700007380		
PO/WO Item No. & Desc.:	10 - KIOSK BUILDING KHANDONG P S		
PO/WO Subject	: Name of Work:- Civil works pertaining to Construction of Kiosk Buildingat Khandong Power Station, KHPS, Umrongso,		
PO Validity Start Date	: Oct 27, 2023	PO Validity End Date	: Apr 27, 2024
Service Header Text	: 4TH R A BILL	Doc.Text	:
Project	: RM-192306 - KIOSK BUILDING KHANDONG PS		
WBS Element	: RM-192306 - KIOSK BUILDING KHANDONG PS		
Network	: 6000921 - KHANDONG KIOSK BUILDING P S		

S.No	Service No.	Description	Quantity	UOM	Unit Price (INR)	OH Charge %	Amount(INR)
1	10008950	item no.6 RCC (1:1.5:3)exl cen/shut.wall ( )	3.960	M3	7,000.07		27,720
2	10008951	item no.7 RCC (1:1.5:3)exl cen/shut.beam ( )	11.520	M3	7,000.07		80,640
3	10008956	item no.9.4 Cent & shutter susp..floors. ( )	82.440	M2	460.07		37,928
4	10008960	item no.13 Stell R/F..abv. Plinth level ( )	2,748.400	KG	78.50		215,749
5	10008961	item no.14 plaster 15mm ..rough side 1:4 ( )	566.000	M2	315.07		178,329
6	10008962	item no.15 plaster 12mm ..rough side 1:4 ( )	958.200	M2	225.07		215,662
7	10008970	item no.23.1 Glaz Vit Tiles(800×800)mm ( )	535.950	M2	1,850.07		991,545
8	10008971	item no.23.2 Glaz Vit Tiles(600×600)mm ( )	35.000	M2	1,650.07		57,752
9	10008972	item no.24 Pol Vit wall tiles(300×600)mm ( )	73.870	M2	980.07		72,397
10	10009028	item no.68 .Brick work.Superstructure... ( )	43.310	M3	6,850.07		296,676
					Total :INR		2,174,402.
		Net Value Incl. Tax (Tax Code :N5-Input CGST (9%) + SGST (9%) Non-Deductible):INR					2,565,798.

उप-प्रबंधक (सि)/ Dy. Manager (C)
एचएसएम / HSM
खेप, नीपको लि. उमरंगसो (असम)
Khep, NEEPCO Ltd. Umrongso (Assam)

3/1/25

North Eastern Electric Power Corporation Limited

SERVICE ENTRY SHEET

vice Entry Sheet No. : 1000049280 | Service Entry Date : Dec 17,

Summary

SES Print Date : Dec 17, 2024

PO NO.	PO Item NO.	Entry Sheet No.	Doc. Date	Posting Date	Amount all incl. but excl. Taxes(INR)	Amount Including Taxes(INR)	Line Item Wise Total Amount(INR)	Accept Indica
700007380	10	1000037164	Feb 29, 2024	Feb 29, 2024	1,071,410.38	1,264,264.38		Yes
700007380	10	1000038359	Mar 23, 2024	Mar 23, 2024	1,687,666.41	1,991,446.41		Yes
700007380	10	1000049280	Dec 17, 2024	Dec 17, 2024	2,174,402.12	2,565,798.12	5,821,508.91	Yes
700007380	20	1000037165	Feb 29, 2024	Feb 29, 2024	211,104.16	249,102.16	249,102.16	Yes
700007380	50	1000045361	Sep 18, 2024	Sep 18, 2024	2,251,757.64	2,657,077.64	2,657,077.64	Yes
				Total:(INR)	7,396,340.71	8,727,688.71	8,727,688.71	

उप-प्रबंधक (सि)/ Dy. Manager (C)
एचएसएम / HSM
खेप, नीपको लि., उमरॉग्सो (असम)
KHEP, NEEPCO LTD., Umrongso(Assam)

5/11/25

North Eastern Electric Power Corporation Limited

Miniratna : Category-I PSU, A fully Owned Subsidiary of NTPC Ltd.

SERVICE ENTRY SHEET

ice Entry Sheet No.	: 1000049284	**Service Entry Date**	: Dec 17, 2024
y Made by	: 5685 (ROBERT LALSANGA)		
t	: 1900-KHANDONG STAGE I - CAPEXKHANDONG STAGE I - CAPEX		
dor Name	: 500450-PULAKESH KAKATI		
dor Address	: NEAR BSF CAMP , MANDIR PATH HOUSE NO. 47 , GUWAHATI , ASSAM		
WO Number	: 3700007380		
WO Item No. & Desc.:	40 - EXCEEDED QTY OF THE ITEMS		
WO Subject	: Name of Work:- Civil works pertaining to Construction of Kiosk Buildingat Khandong Power Station, KHPS, Umrongso,		
Validity Start Date	: Oct 27, 2023	PO Validity End Date	: Apr 27, 2024
vice Header Text	: 4TH R.A BILL	Doc.Text	:
ject	: RM-192306 - KIOSK BUILDING KHANDONG PS		
S Element	: RM-192306 - KIOSK BUILDING KHANDONG PS		
twork	/ : 6000921 - KHANDONG KIOSK BUILDING P S		

No	Service No.	Description	Quantity	UOM	Unit Price (INR)	OH Charge %	Amount(INR)
1	10008954	item no.9.2 Centring & shuttering Col.. ( )	51.480	M2	380.07		19,566.00
2	10008955	item no.9.3 Centring & shuttering Beams. (4014000)	60.680	M2	415.07		25,186.45
						Total :INR	44,752.45
						Net Value Incl. Tax (Tax Code :N5-Input CGST (9%) + SGST (9%) Non-Deductible):INR	52,808.45

उप-प्रबंधक (सि)/ Dy. Manager (C)
एचएसएम / HSM
खेप, नीपको लि., उमरॉंग्सो (असम)
KHEP, NEEPCO LTD., Umrongso(Assam)

Seal & Signature

GST INVOICE

M/S PULAKESH KAKATI

Geetamandir, Near BSF Camp, House no 47,Mandir Path, Assam, Guwahati-21

INVOICE NO.PK/2024/03 DATE OF INVOICE:-08/09/2024 Ph.No. 9854328724 Email Id: pkakati2008@gmail.com **GSTIN : 18BMLPK2888Q1ZY**	**NEEPCO, KHPS** UMRANGSO,DIMA-HASAO DISTRICT,ASSAM ASSAM. PLACE OF SUPPLY: ASSAM (AS) STATE CODE: 18 **GSTIN: 18AAACN9991J2ZQ**

Reverse Charge Applicable:

Other Details: W.O.No.:NEEPCO/KHPS/C&P(C)/F-05/2023-24/2192 , DTD- 27/10/2023

HSN/SAC Code	Service Head Name	Qty.	Rate Per Unit(INR)	Amount (INR)
9954	NAME OF WORK:CIVIL WORKS PERTAINING OF KIOSK BUILDING AT KHANDONG POWER STATION , KHPS, UMRANGSO, DIMA-HASAO,ASSAM			
	4Th R/A BILL FROM 26.08.2024 TO 31.10.2024- AMOUNT Rs.			2267.012.41
			Total bill Value	2267.012.41
			SGST 9%	204031.12
			CGST 9%	204031.12
			Total GST in Rs	408062.23
			TOTAL IN RS	2675074.64
			SAY	**2675075**

Inwords:TWENTY SIX LAKH SEVENTY FIVE THOUSAND SEVENTY FIVE only

For, PULAKESH KAKATI

Pulakesh Kakati

M/S PULAKESH KAKATI

Authorized Signatory

Verified and found correct-

उप-प्रबंधक (सि)/ Dy. Manager (C)
एचएसएम / HSM
खेप, नीपको लि., उमरॉंग्सो (असम)
KHEP, NEEPCO LTD., Umrongso(Assam)

NEEPCO Schedule II Works Form No. 10 | Divn Bill No. KHEP/HSMT-89(B)/2023-24/82 Dt. 21/12/24

NORTH EASTERN ELECTRIC POWER CORPORATION LTD

RUNNING ACCOUNT BILL B

For Contractors - This form provides for (1) Advance payments (2) Secured Advances and (3) Payments for measured works

Cash Book voucher No. | Dated

Name of Contractor :- M/s. Pulakesh Kakati, Geetamandir, Near BSF Camp, Mandir Path, House No-47, Guwahati Assam

Name of work :- Civil works (pertaining to Construction of Kiosk Building at Khandong Power Station,KHEPS, Umrongso, Dima Hasao, Assam

Serial No this Bill :- 4rth RA BILL (Measured)

No. and date of the previous Bill of this work - 3rd R/A

Reference to Agreement :- NEEPCO/KHPS/C&P/(C)/F-06/ 2023-2024/44 Dt 31.10.2023

1 - Account of work executed

Total as per previous bill	Since previous bill	Total Upto date	Items of works (grouped under 'sub-heads' and 'Sub-works' of estimate)	Unit	Rate	Quantity executed up to date as per measurement book	Payment on the basis of measurement		Remarks (with reason for delay in adjusting payment shown)
							Up to date	$ Since previous bill	
1	2	3	4	5	6	7	8	9	10
					Rs. P.		Rs. P.	Rs. P.	
			(A) BOQ ITEMS (GST EXCLUDED IN RATES)						
163.37	0.00	163.37	**ITEM NO: 1 -** Earth work in Excavation by mechanical means (Hydraulic excavator) manual mean over areas (exceeding 30 cm in depth, 1.5m in width as well as10sqm on plan)including getting out and disposal of excavated earth lead upto 50m and lift upto 1.5m asdirected by Engineer-Incharge All kind of soil	Cum	185.07	163.370	30,234.89	0.00	
328.50	0.00	328.50	**ITEM NO:2** - Filling available excavated earth (excluding rock) in trenches, plinth, site of foundations etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, lead up to 50m and lift upto 1.5m	Cum	250.07	328.500	82,148.00	0.00	
359.36	0.00	359.36	**ITEM NO:3** - Providing soling in foundation and under floor withstone/best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if nesessary dewatering, complete Brick on Flat soling	Sqm	390.07	359.360	1,40,175.56	0.00	
30.58	0.00	30.58	**ITEM NO:4.0 -** Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work up to plinth level : 4.1.5 1:3:6 (1 Cement : course sand(zone-III) derived from natural sources 6 graded stone aggregate 20mm nominal size derived from natural source)	Cum	5,800.07	30.580	1,77,366.14	0.00	
35.52	0.00	35.52	**ITEM NO: 5.0 -** Providing and laying in position specified grade of reinforcement cement concrete, excluding the cost of centering shuttering finishing and reinforcement- All work up to plinth level : 5.1.2 1:1.5:3 (1 cement: 1.5 course sand(zone-III) derived from natural sources 3 graded stone aggregate 20mm nominal size derived from natural sources)	Cum	6,800.07	35.520	2,41,538.49	0.00	
18.49	3.96	22.45	**ITEM NO: 6.0 -**Reinforcement cement concrete work in walls (any thickness) including attached pilasters, buttress, plinth and string courses, fillets, coloumn, pillars, piers, abutments,posts and struts etc above plinth level upto floor five level, excluding cost of centering, shuttering, finishing, and reinforcement 1.1.5:3 (1 cement: 1.5 course sand(zone-III) derived from natural sources 3 graded stone aggregate 20mm nominal size derived from natural sources)	Kg	7,000.07	22.450	1,57,151.57	27,720.28	

M/S PULAKESH KAKATI

उप-प्रबंधक (सि)/ Dy. Manager (C)
एचएसएम / HSM
खेप, नीपको लि., उमरोंगसो (असम)
KHEP, NEEPCO LTD., Umrongso(Assam)

125.046	11.52	136.57	ITEM NO: 7.0 -Reinforcement cement concrete work in beams, suspended floors, roofs having slope up to 15 landing, balconies , shelves, chajjas,lintels,bands,plain window sills, staircases and spiral stair cases above plinth level upto floor five level, excluding cost of centering, shuttering, finishing, and reinforcement 1:1.5:3 (1 cement: 1.5 course sand(zone-III) derived from natural sources: 3 graded stone aggregate 20mm nominal size derived from natural sources)	Kg	7,000.07	136.566	9,55,971.56	80,640.81	
19.558	-	19.56	ITEM NO:8.0 - Providing and laying damp-proof-course 5o mm thick with cemnt concrete 1:2:4 (1 cement : 2 coarse sand zone iii derived from natural sourses : 4 graded stone aggregate 20 mm nominal size dervide from natural sourse	Sqm	4,150.07	19.558	81,167.07	0.00	
		-	ITEM NO : 9 - Centering and shuttering including strutting propping etc and removal of form for			-		0.00	
39.21	0.00	39.21	ITEM NO : 9.1 Foundations, footings, bases of columns etc for mass concrete	Sqm	290.07	39.210	11,373.64	0.00	
243.59	51.48	295.07	ITEM NO: 9.2- Column, pillars, Piers, Abutments, Posts and struts	Sqm	380.07	295.070	1,12,147.25	19,566.00	
556.77	60.68	617.45	ITEM NO: 9.3 - Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	415.07	617.450	2,56,284.97	25,186.45	
710.91	82.44	793.35	ITEM NO: 9.4- Suspended floors, roofs, landings, balconies, and access platform with water proof ply 12 mm thick	Sqm	460.07	793.350	3,64,996.53	37,928.17	
35.00	-	35.00	ITEM NO 10: Supplying chemical emulsion in sealed containers including delolvery as specified	ltr	290.07	35.000	10,152.45	0.00	
4,444.35	0.00	4,444.35	ITEM NO: 12.0 - Steel reinforcement for RCC work including straightening cutting bending placing in position and binding in all complete up to plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	78.07	4,444.350	3,46,970.40	0.00	
21,020.79	2,748.40	23,769.191	ITEM NO: 13.0 - Steel reinforcement for RCC work including straightening cutting bending placing in position and binding in all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more	Kg	78.50	23,769.191	18,65,881.49	2,15,749.40	
92.24	614.305	706.54	ITEM NO 14: 15mm plaster on rough side of single or half brick wall of mix 1:4 (1 cement : 4 course sand)	Sqm	315.07	92.240	2,22,609.56	1,93,549.08	
285.62	958.200	1,243.815	ITEM NO 15: 12mm plaster of mix 1:4 (1 cement : 4 course sand)	Sqm	225.07	1,243.815	2,79,945.44	2,15,662.07	
376.989	-	376.99	ITEM NO 19: Providing and applying white cement based putty of average thickness 1 mm of approved brand and manufacturer over the plastered wall surface to prepare the surface even and smooth complete	Sqm	95.07	376.989	35,840.34	0.00	

M/S PULAKESH YAKATI

उप-प्रबंधक (सि)/ Dy. Manager (C)
एचएसएम / HSM
खो... पेको लि., उमरांग्सो (असम)
KHE... EPCO LTD., Umrangso(Assam)

376.989	-	376.99	**ITEM NO 20:** Applying one coat of water thinable cement primer of approved brand and manufacturer over the plastered wall surface to prepare the surface even and smooth complete	Sqm	95.07	376.989	35,840.34	0.00	
		-	**ITEM NO 23:** PROVIDING AND LAYING VETRIFIED TILES IN FLOOR IN DIFFERENT SIZES WITH CEMENT MORTOR 1:4						
0.00	535.950	535.95	**ITEM NO :23.1:** GLAZED VITRIFIED TILES OF SIZE 800X800 MM	Sqm	1,850.07		9,91,545.02	9,91,545.02	
0.00	54.780	54.78	**ITEM NO :23.2:** GLAZED VITRIFIED TILES matt/antiskid finish size 600x600 mm	Sqm	1,650.07		90,390.83	90,390.83	
0.00	73.870	73.87	**Item no 24:** Providing polished vetrifed wall tiles of approved quality size shape and thickness of size 300x 600 mm	Sqm	980.07		72,397.77	72,397.77	
22.95	0.00	22.95	**ITEM NO : 67 -** Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in mortar 1:4 (1 cement : 4 coarse sand)	Cum	5,400.00	22.950	1,23,930.00	0.00	
21.062	43.310	64.37	**ITEM NO : 68 -** Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in mortar 1:4 (1 cement : 4 coarse sand)	Cum	6,850.07	43.310	4,40,952.71	2,96,676.53	
19.558	0.000	19.56	**ITEM NO 69:** Providing and applying one coat of residential petrolium bitumin of grade vg 10 approved quality using 1.7 kg per sq mtr on damp proof course of cloth lightly kerosin oil	Sqm	170.07	-	3,326.23	0.00	
75.974	0.00	75.974	**Analogous Item No 1-** Earth work in Excavation by mechanical means (Hydraulic excavator) manual mean over areas (exceeding 30 cm in depth, 1.5m in width as well as10sqm on plan)including getting out and disposal of excavated earth lead upto 50m and lift upto 1.5m asdirected by Engineer- Incharge. All kind of soil.	CUM	185.07	75.974	14,060.51	0.00	
52.165	0.00	52.165	**Analogous Item No. 3-**Providing soling in foundation and under floor withstone/best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if nesessary dewatering, complete Brick on Flat soling	sqm	390.07	52.165	20,348.00	0.00	
3.976	0.00	3.976	**Analogous Item No. 4-**Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work up to plinth level : 4 1.5 : 1 3.6 (1 Cement : course sand(zone-III) derived from natural sources : 6 graded stone aggregate 20mm nominal size derived from natural source)	CUM	5,800.07	3.976	23,061.08	0.00	

M/S POLAR[illegible]

उप-प्र[illegible] (सि)/ Dy. Manager (C)
एचएसएम / HSM
खेप, [illegible] लि., उमरोंग्सो (Assam)
KHEP, [illegible] CO LTD., Umrongso(Assam)

21.014	0.00	21.01	**ANALOGOUS ITEM NO: 5.0** - Providing and laying in position specified grade of reinforcement cement concrete, excluding the cost of centering shuttering finishing and reinforcement- All work up to plinth level : 5 1.2 I 1.5 3 (1 cement: 1.5 course sand(zone-III) derived from natural sources: 3 graded stone aggregate 20mm nominal size derived from natural sources)	CUM	6,800.07	21.014	1,42,896.67	0.00	
1,357.743	0.00	1,357.74	**ANALOGOUS ITEM NO: .0** - Steel reinforcement for RCC work including straightening cutting bending placing in position and binding in all complete up to plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	KG	78.07	1,357.743	1,05,999.00	0.00	
		-	**ANALOGOUS ITEM NO : 9** - Centering and shuttering including strutting propping etc and removal of form for			-	-	0.00	
180.12	0.00	180.12	**ANALOGOUS ITEM NO** : 9.1 Foundations, footings, bases of columns etc for mass concrete	M2	290.07	180.120	52,276.42	0.00	
						SUB TOTAL	**₹ 74,88,979.94**	**₹ 22,67,012.41**	
						SAY	**₹ 74,88,980.00**	**₹ 22,67,012.41**	
						Add 18% GST =	**13,48,016.40**	**4,08,062.23**	
						Say GST	**13,48,012.00**	**4,08,062.23**	
						Sub Total value =	**₹ 88,36,992.00**	**₹ 26,75,074.64**	
						Net Payable (Rounded off)=	**₹ 88,36,992.00**	**₹ 26,75,075.00**	

(Rupees Twenty six lakhs seventy five thousand seventy five) only

Officer preparing the bill

Deputy Manager (C), HSM, KHEP

उप-प्रबंधक (सि)/ Dy. Manager (C)
एचएसएम / HSM
खेप, नीपको लि., उमरॉग्सो (असम)
KHEP, NEEPCO LTD., Umrongso(Assam)

Dated signature of the Contractor

M/S PULAKESH BARATI

CGM(C), HSM, KHEP

3/01/25

यू. बोरा / U. Borah
मुख्य-महाप्रबंधक (सि) / Chief General Manager (C)
एच एस एम / HSM
के एच पी एस, नीपको लि.,उमरांग्सो (असम)
KHPS NEEPCO Ltd., Umr... ...o (Assam)

II - Account of "Secured" advance allowed of the security of materials brought to site.

Quantity outstanding from previous bill	Deduct (Quantity utilised in work measured since previous bill)	Quantity outstanding (including quantity brought to site since previous bill)	Full rate assesed by the Divisional Officer	Description of materials	Unit	Reduced rate at which advance is made	** Upto date amount of advance	Reference to Divisional Officer's Written orders authorising the advance	Reason for non clearance of Advance when outstanding more than three months
1	2	3	4	5	6	7	8	9	10
Toal amount outstanding as per this account								---	(c)
Deduct - Amount outstanding as per entry (c) of previous bill								---	
Net amount since previous bill (in words)		(Rupees Twenty six lakhs seventy five thousand seventy five) only						₹ 26,75,075.00	

Entries relating to each description of materials should be posted thus in column 3. First enter the difference between the quantities in column 1 and 2. Then show below this entry, the quantities. If any, brought to site against which a further advance has been. Entries Column 8 show the money values of the total quantities outstanding per column 3.

III - Certificate and signature

1. The measurement on which are based the entries in column 4 to 9 of Account I were made by ME and recorded at page 153-199 of Measurement Book No. 10228

2. Certified that in addition to and quite apart from the quantities of work actually executed as shown in column 7 of Account I has actually been done done in connection with several items, and the value of such work (after deduction there from the proper

3. Certified (1) that the plus quantities of materials shown in column 3 of Account II above actually been brought by the contractor to the site of the work and the contractor has not previously received any advance and their security, (2) that those materials

Certified that the works has been done as per specification, drawings and as directed by engineer in charge. No T&P has been issued to the contractor Specified and tested construction materials have been utilized. The amount actualy paid is less than 75%

Dated signature of the officer preparing the bill

Dy. Manager (C) HSM,KHPS

M/S PULAKESH KAKATI

Dated signature of the Contractor

CGM (C), HSM, KHPS

2/07/25

dated signature of the officer authorising payment*

यू. बोरा / U. Borah
मुख्य-महाप्रबंधक (सि) / Chief General Manager (C)
एच एस एम / HSM
खेप, नीपको लि., उमरांग्सो (असम)
KHEP, NEEPCO Ltd., Umrongso (Assam)

** These certificates must be signed by the officer of or above the rank of Sub-divisional Officer
* This signature is necessary only when the officer who prepares the bill is not the officer who authorises the payment. In such case two signatures is essential.

उप-प्रबंधक (सि)/ Dy. Manager (C)
एचएसएम / HSM
खेप, नीपको लि., उमरांग्सो (असम)
KHEP, NEEPCO LTD., Umrongso(Assam)

नार्थ ईस्टर्न इलेक्ट्रिक पावर कारपोरेशन लिमिटेड
(भारत सरकार का उद्दाम)
NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
(A Govt. of India Enterprise)
(कोपिली जल-बिद्युट संयंत्र) KOPILI HYDRO POWER STATION
(उमरांगसो)Umrongso-788931, (डिमा हासाओ)Dima Hasao, असम Assam.

ISO 9001:2015
ISO14001:2015
ISO45001:2018

Date: 11/09/2025

L. No.: KHPS/HSM-II/ T-67(B)/2025-26/ 182

T-67(B)

IOM

From,	To,
GM(Tech), HSM-II, KHPS	The In-Charge (F&A), KHPS

Sub: Submission of 1st & Final RA Bill (Measured) for the work 'Suspended/False Ceiling work (Horizontal & Vertical Plane) at Kiosk Building at Khandong Power Station, KHPS.'' in respect of Shri. Pranjal Chakravarty

Ref : P.O. No:- 3700014003 Dated 27.08.2025

Agreement No.- NEEPCO/KHPS/C&P(C)/F-06/2025-2026/05 Dated 10.09.2025

With reference to above, enclosed please find herewith following bill of this establishment along with the enclosures for your kind perusal and further needful action please.

Sl. No.	Description of bills	Amount (Incl. GST) (Rs.)
1	Bill No. KHPS/HSM-II/T-67(B) /2025-26/ 43 Date 11/09/2025 BTS ID- 3700014003-B25-000001	₹ 9,00,997/-

List of enclosures:

1. Bill in duplicate
2. List of MB: MB No.10845

11/9/2025

GM(Tech),
HSM-II, KHPS, Umrongso

hedule II Works Form No. 10 | Divn Bill No. KHPS/HSM/T-67(B)/2025-26/ 43 Dt. 10/09/25 | DATE- 10/09/2025

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

RUNNING ACCOUNT BILL B

For Contractors - This form provides for (1) Advance payments (2) Secured Advances and (3) Payments for measured works.

voucher No.

ontractor - Shri. Pranjal Chakravarty | Dated

ork - Suspended/False Ceiling work (Horizontal & Vertical Plane) at Kiosk Building at Khandong Power Station, KHPS

his Bill - 1st and Final RA Bill Measured

te of the previous Bill of this work - NA | Dated:

to W.O. - PO- 3700014003 / Dt 27.08.2025

eement No. NEEPCO/KHPS/C&P(C)/F-08/2025-2026/05 Dated 10.09.2025

T - Account of work executed

per bill	Since* previous bill	Total Upto date	Items of works (grouped under 'sub-heads' and 'Sub-works' of estimate)	Unit	Rate	Quantity executed up to date as per measurement	Payment on the basis of measurement: Up to date	$ Since previous bill	Remarks (with reason for delay in adjusting
	2	3	4	5	6 Rs. P.	7	8 Rs. P.	9 Rs. P.	10
			(A) BOQ ITEMS (GST INCLUDED IN RATES)						
	498.622		Item No.1- Ceiling with Exposed Metal (GI) Frame Work with E-Grid-2430 Providing & Fixing in position Suspended false Ceiling using E- Grid (Exposed Ceiling Suspension 2430 System) of grid size 600mm x 600mm/ 1200mm x 600mm with main runner 38mm x 24mm, Cross Tee 29mm x 24mm & wall angle 24mm x 24mm. Using 4mm/ 6mm thick High pressure Stem Cured Non Asbestos Fibre cement Board as per IS: 14862, to be placed in a grid of GI System duly suspended with 4mm/ 6mm dia GI/ MS bar hanger fixed with steel dash fasteners or iron purlin from the roof with adjustment clip providing positions for light fixtures, air conditioning diffusers and ducts, sprinklers, smoke detectors, etc. The main runners to be secured to structural soffit by hanger @ 1220mm maximum c/c. The last hanger at the end of each main runner should be placed at more than 450mm from the adjacent wall. Flush fitting 1220mm Cross Tee to be interlocked between main runners @ 610mm c/c so as to form 600mm x 600mm/ 1200mm x 600mm grid all complete as per the drawings/ specification and as directed by the Engineer-in-Charge Designer Ceiling as directed by the Engineer-in-Charge a) Using 6mm thick FC Board	Kg	₹ 1,422.36	498.622	₹ 7,09,219.99	₹ 7,09,219.99	
	19.977		Item No. 2- Designing, fabricating, testing, protection, installing and fixing in position semi (grid) unitized system of structural glazing (with open joints) for linear as well as curvilinear portions of the building for all heights and all levels, including: (b) Fabricating and supplying serrated M.S. hot dip galvanised / Aluminium alloy of 6005 T5 brackets of required sizes, sections and profiles etc. to accommodate 3 Dimentional movement for achieving perfect verticality and fixing structural glazing system rigidly to the RCC/ masonry/ structural steel framework of building structure using stainless steel anchor fasteners/ bolts, nylon seperator to prevent bimetallic contacts with nuts and washers etc. of stainless steel grade 316, of the required capacity and in required numbers. (c) Providing and filling, two part pump filled, structural silicone sealant and one part weather silicone sealant compatible with the structural silicone sealant of required bite size in a clean and controlled factory / work shop environment, including double sided spacer tape, setting blocks and backer rod, all of approved grade, brand and manufacture, as per the approved sealant design, within and all around the perimeter for holding glass. (d) Providing and fixing in position flashings of solid aluminium sheet 1 mm thick and of sizes, shapes and profiles, as required as per the site conditions, to seal the gap between the building structure and all its interfaces with curtain glazing to make it watertight..... all complete as required, as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer- in-Charge.	sqm	₹ 2,719.96	19.977	₹ 54,336.64	₹ 54,336.64	
						Total Value Of Work Done (Excl. GST)=	₹ 7,63,556.63	₹ 7,63,556.63	
						Add GST (18%)=	₹ 1,37,440.19		
						Total Amount (Incl. 18% GST)=	₹ 9,00,996.82		
						Rounded Off =	**₹ 9,00,997.00**		
						Rupees Nine Lakh Nine Hundred and Ninety Seven Only			

Officer preparing the bill

10/9/25

Manager (C), HSM-II, KHEP

10/09/25

Dated signature of the Contractor

Pranjal Chakravarty
Govt. Regd. Contractor & Supplier
Noonmati, Guwahati-20

GM(Tech), HSM-II, KHEP 10/9/2025

पराग साइकिया / Parag Saikia
महाप्रबंधक (टेक)/ General Manager (Tech.)
एचएसएम / HSM
केएचपीएस,नीपको, लि., उमरांगसो, असम
KHPS, NEEPCO, Ltd. Umrangso (Assam)

AUDIT SLIP

1	Name of contractor	:	**Shri. Pranjal Chakravarty**
2	Brief description of work	:	Suspended/False Ceiling work (Horizontal & Vertical Plane) at Kiosk Building at Khandong Power Station, KHPS
3	Work order/PO no & date	:	**PO- 3700014003 / Dt : 27.08.2025**
4	Tech. sanction no & date	:	
5	Reference to the item of cost estimate	:	₹ 9,00,996.63 (Incl. GST)
6	Agreement no & date	:	**NEEPCO/KHPS/C&P(C)/F-06/2025-2026/05 Dated 10.09.2025**
7	Nature of work (whether temporary or permanent)	:	Permanent
8	Ownership of the work	:	NEEPCO Ltd
9	Bill No & date	:	**1st & Final RA Bill (Measured)**
10	Period of work covered by the bill	:	**18/06/25 to 03/07/25**
11	Date of completion of work as per agreement	:	3-Jul-2025
12	Actual date of completion	:	03-07-2025
13	a) Period for which extension applied	:	NA
	b) Period for which extension granted, if so with or without liquidated damage	:	
14	Whether transit pass/ royalty clearance certificate submitted	:	
15	Whether there is any escalation clause	:	No
16	Whether there is any outstanding liability against work	:	
17	Whether site has been cleared on completion	:	NA
18	Whether store issue statement submitted	:	NA
19	Whether store utilization statement submitted	:	NA
20	Whether recovery statement submitted	:	NA
21	Whether any special reference	:	**MB No. 10845 (Page 113 to 120)**
22	Whether bill has been technically checked	:	Yes
23	Percentage of test check by Sr. Manager (C)		
	a) Ordinary item (s): 50%	:	NA
	b) Special item(s): 50%	:	NA
24	The above particulars has been verified and found correct and conducted test check as follows:		
	a) Ordinary item (s): 25%	:	Yes
	b) Special item(s): 25%	:	Yes

11/9/2025

GM (Tech)
HSM-II, KHEP

10/9/25
Mgr (C)
HSM

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(भारत सरकार का उद्यम)/ (A GOVERNMENT OF INDIA ENTERPRISE)
सी एण्ड पी (वैं) स्कंध / CONTRACT & PROCUREMENT (EL.) WING
कोपिली जल विद्युत संयत्र, उमरॉग्सो /KOPILI HYDRO POWER STATION, UMRANGSO
Tel 03670-288241, Fax 03670-288254/ 288240
ISO 9001-2015
ISO 14001-2015
OHSAS 45001-2018

No: NEEPCO/KHPS/ C&P(C)/F- 05 /2022-23/ 4601 Date: 05/12/22

To,

Sri Birensing Engti,
Contractor, Umrongso,
Dima Hasao, Assam.

प्रति सं / Receipt No. 1438
दिनांक / Dtd 06/12/22
एचएपी, नीपको लि., उमरांग्सो (असम)
KHEP, NEEPCO Ltd, Umrangso, Assam

Sub: Work Order for **"Extension of NEW KIOSK Room at Khandong Switch Yard for accommodation of PGCIL supplied panels for restoration of Khandong Stage-II Power Station, KHPS Umrongso."**

Dear Sir,

Please refer to the above. The North Eastern Electric Power Corporation Ltd. is pleased place this order for, "Construction of Kiosk Room at Switchyard of Kopili Power Station, KHPS Umrongso." as per the items and rates indicated at Annexure-I (Bill of Quantity) under following terms and conditions.

The terms & conditions for execution of the work shall be as follows:

1. **Scope of work:** The quantities of different item of works as indicated in the enclosed **Annexure-I** (BOQ) are tentative and may undergo changes. All works are to be executed in accordance with the specifications together with BOQ and as directed by the Engineer-in-Charge.
2. **Contract Price:** The total value of the work is **Rs. 5,49,944.00 (Rupees Five Lakh Forty Nine Thousand Nine Hundred Forty Four)** only, excluding **GST**.
3. **Completion time:** Time of completion for the work is **90 (Ninety) days** from the date of issue of this order/hand over the site, whichever is earlier.
4. **Taxes & Duties:** The contract price of work as indicated is exclusive of applicable GST.
5. **Security Deposit:**
   i. Within 10 (ten) days from the date of issue of LOI/work order, the successful bidder shall furnish a Bank Guarantee from a scheduled Nationalized Bank for an amount equal to 03 (Three) percent of the value of the contract by way of guarantee towards faithful performance of the contract. Otherwise the same shall be deducted from every interim payment up to the final bill made on account of this contract, so that at any time the security deposit does not fall short of 03 (Three) % (percent). A form of Bank Guarantee acceptable to NEEPCO is attached with this document.
   ii. All compensations or any other sums of money payable by the contractor under the terms of this contract shall be deducted from the amount deducted towards security deposit.
   iii. The Security Deposit will be kept for a period of 06 (Six) months from date of completion of the work as performance guarantee. Contractor shall make good at his own expense all defects which may develop during this period. The security deposit shall be returned to the contractor provided that the EIC is satisfied that there is no demand outstanding against the contractor.
6. **Defects liability period: -** Defect Liability period of the work is 06 (Six) months from the date of completion of work. Contractor shall make good at his own expense all defects which may develop within the defect liability period intimation of which has been sent to him within the said period.
7. **Compensation for delay in completion:-** The time allowed for carrying out the work as stipulated in the contract or any ex-tended period (not due to the fault of the contractor) as may be allowed shall be strictly observed by the contractor and shall be reckoned from the date on which order to commence work is given to the contractor. The work shall throughout the stipulated period of the contract be proceed with all due diligence, time being the essence of the contract on the part of the contractor. The contractor shall be liable to pay as compensation @0.5% of Contract Amount per week of delay, subjected to a maximum of 10% of the

Manager(C)/DM(C) Khandong HS for N/A.

9/12/2022

Total = 162.13 Bags.

AUDIT SLIP

	...e of the contractor	Sri Birensing Engti
	...ief description of work	Extension of New KIOSK Room at Khandong Switch Yard for accomodation of PGCIL supplied pannels for restoration of Khandong Stage-II Power Station, KHPS, Umrongso.
3	Work Order No & Date	NEEPCO/KHPS/C&P (C)/F-05/2022-23/4601 dtd. 05.12.2022
4	Agreement No & Date	NEEPCO/KHPS/C&P (C)/F-06/2022-2023/153 dtd. 07.12.2022
5	Nature of work wheather temporary or permanent	Permanent
6	Ownership of work	NEEPCO, Umrongso
7	Bill No & Date	First and Final Bill
8	Period of work covered by the bill	21.11.2022 (Verbal order) to 18.02.2023
9	Date of completion of work as per agreement	18.02.2023.
10	Actual date of completion	18.02.2023.
11	a) Period for which extension is applied	N/A
	b) Period for which extension is granted,	N/A
12	if so with or without liquidated damage	N/A
13	Whether transit passed/F.R.C.C./cash memo submitted	Not yet submitted
14	Whether there is any escalation clause	No
15	Whether there is any outstanding liabilities against the work	No
16	Whether site has been cleared after completion of work	Yes
17	Whether utilization statement submitted	Yes
18	Whether bill has been Technically checked	Yes
19	Whether Recovery statement submitted	Yes
20	Whether any special reference	10249 & 10250 (two Nos.)
21	Percentage of Test Check by.....	
	1) Manager (C)/Dy. Manager (C)----	100%
	2) Engineer In-charge ----------	5%

Engineer In-charge
HSM-II, KHPS, NEEPCO, Umrongso

14-08-2023
Deputy Manager (C)
HSM-II, KHPS, NEEPCO

000775

dle II - Work 10 (A)

North Eastern Electric Power Corporation Ltd.

RUNNING ACCOUNT BILL C

For Contractors and Suppliers. This form provides only for
Payments for works or supplies actually measured

sh Book Voucher No. **Date:-**

Name of Contractor or Supplier : Sri Birensing Engti

Name of works- Extension of New KIOSK Room at Khandong Switch Yard for accomodation of PGCIL supplied pannels for restoration of Khandong Stage-II Power Station, KHPS, Umrongso.

Purpose of Supply-

Serial No. of this Bill Work- 1st and Final Bill

No. and Date of his last Bill for this work- Nil

Agreement No. & Date:- NEEPCO/KHPS/C&P (C)/F-06/2022-23/153 dtd. 07.12.2021

W.O. No. & Date:- NEEPCO/KHPS/C&P (C)/F-05/2022-23/4601 dtd. 05.12.2022

Date of handing over of site : 21.11.2022 (Verbal Order).

Date of completion of work- 18.02.2023.

1-Accounts of work done or supplies made

Unit	Quantity executed (Or supplied up to date as per measurement book)	Item of work or supplies (Grouped" under subheads" and "sub-work" of estimate)	Rate	Amount		Remarks
				Up to date	*Since previous bill (Total for each sub-head)	
1	2	3	4	6	5	7
			Rs P	Rs P P	Rs P	
Cum	7.320	Item No. 1/1: Earth work in excavation .....all kinds of soil	178.35	1305.52		
Sqm	49.92	Item No. 2/2: Providing soling in foundation and floor.....thickness 150mm..	269.35	13445.95		
Cum	7.928	Item No 3/3:Providing and laying in position cement concrete..... natural sources).	5932.26	47030.96		
Cum	3.029	Item No.6/4:Providing and laying in position specified grade of reinforced cement.....	7261.17	21994.08		
Cum	1.164	Item No 13/5:Reinforced cement concrete work in walls ..... natural sources	8841.93	10292.01		
Cum	7.275	Item No.14/6:Reinforced cement concrete work in beams..... natural sources	9305.73	67699.19		
Sqm	3.06	Item No. 12/7:Providing and laying damp-proof course 50mm..... natural sources	496.42	1519.05		
Cum	1.623	Item No. 11/8:Brick work with common burnt clay F.P.S.....coarse sand	5974.45	9696.53		
Cum	6.09	Item No.16/9:Brick work with common burnt clay F.P.S. ..... Coarse sand	7389.59	45002.60		
Cum	4.800	Item No.10/10: Filling available excavated earth ..... up to 1.50m	220.46	1058.21		
		Item No.5/11: Centering and shuttering including..... and removal of form for				
Sqm	6.800	Item No.5/11(a): 5.9.1 Foundations, footings, bases of columns, etc. for mass concrete	267.34	1,817.91		
Sqm	23.33	Item No. 5/11/(b): 5.9.6 Columns, Pillars, Piers, Abutments, Posts and Struts	698.20	16,289.01		
Sqm	30.05	Item No. 5/11/(C):5.9.5 Lintels, beams, plinth beams, girders, bressumers and cantilevers	549.77	16,520.59		
Sqm	31.79	Item No.5/11/(d): 5.9.20 Suspended floors, roofs, landings, balconies and access	751.70	23,896.54		
				Total Rs. **2,77,568.15**		

* The full name of the work as given in the estimate should be entered here except in the case of bills for stock materials.
* The purpose of supply "applicable to the cash should be filled in and the rest scored out."
* If the outlay on the work is recorded by sub-heads, the total for each sub-heads should be shown in column 5 and against this total here should be an entry in column 6 also. In no other case should any entries be made in column 6.

Unit	Quantity executed (Or supplied up to date as per measurement book)	Item of work or supplies (Grouped" under subheads" and "sub-work" of estimate)	Rate	Amount Up to date	*Since previous bill (Total for each sub-head)	
1	2	3	4	6	5	7
			Rs P	Rs P	Rs P	
			B/F	2,77,568.15		
		Item No.4/12: Steel reinforcement for R.C.C.work.....				
kg	440.200	Item No.4/12(a): Thermomechanically treated bars	77.84	34,265.17		
kg	63.73	Item No.4/12(b): Mild steel and Medium Tensile steel bars	77.23	4,921.87		
		Item No.15/13: Steel reinforcement for R.C.C. work				
kg	877.02	Item No.15/13(a): Thermomechanically treated bars	77.84	68,267.24		
kg	30.21	Item No. 15/13(C): Mild steel and Medium Tensile steel bars.....	77.23	2,333.12		
Sqm	140.41	Item No. 17/14: 15 mm cement plaster on rough side ..... coarse sand)	307.74	43,209.77		
Sqm	48.78	Item No. 18/15: 15 mm cement plaster finished with ..... fine sand)	352.57	17198.36		
kg	66.71	Item No. 19/16: Providing and fixing aluminium work..... Grade AC15	376.74	25132.33		
kg	61.36	Item No. 20/17: For shutters of doors, windows ..... Grade AC15	461.69	28,329.30		
Sqm	3.02	Item No. 21/18: Providing and fixing 12 mm thick ..... On other side.	837.84	2,530.28		
Sqm	1.98	Item No.22/19: Providing and fixing glazing .....than 10kg/sqm.	885.30	1,752.89		
Sqm	74.17	Item No. 30/20: Distempering with oil bound..... With cement primer.	141.12	10,466.87		
Sqm	83.20	Item No. 31/21: Finishing walls with textured .....220kg/10sqm.	212.70	17,696.64		
No.	1	Item No. 23/22: Providing and fixing aluminium sliding door bolt.... 250x16mm.	203.91	203.91		
No.	2	Item No. 24/23: Providing and fixing aluminium tower bolts.....300x10mm.	102.14	204.28		
No.	2	Item No.25/24: Providing and fixing aluminium tubular .....handle bar	500.56	1,001.12		
No.	2	Item No.26/25: Providing and fixing aluminium hydraulic door closer.....etc. complete.	743.28	1,486.56		
Cum	0.138	Item No.7/26: Demolishing R.C.C. work manually.....Engineer in-charge.	2541.98	350.79		
Cum	1.688	Item No.8/27: Demolishing brick work manually.....in cement mortar	1474.45	2,488.87		
No.	2	Item No. 9/28: Dismantling doors, windows and clerestory .... and below.	262.76	525.52		
Sqm	66.88	Item No.28/29: Painting top of roofs with bitumen .....grade VG10.	115.61	7,732.00		
Rm	4.00	Item No.29/30: Providing and fixing wall face .....110mm dia.	277.56	1,110.24		
Rm	16.70	Item No. 27/31: Diluting and injecting chemical emulsion ..... contentration.	28.05	468.44		
			Total C/o Rs.	5,49,243.71		

Unit	Quantity executed (Or supplied up to date as per measurement book)	Item of work or supplies (Grouped" under subheads" and "sub-work" of estimate)	Rate	Amount Up to date	Amount Since previous	Remarks
1	2	3	4	5	6	7
			B/F Rs.	**5,49,244.00**		

Total value of work done or supplies to date [A]	Rs	5,49,244.00			
CGST @ 9% [B]	Rs	49,431.96			
SGST @ 9% [C]	Rs	49,431.96			
Total amount [A]+[B]+[C]	Rs	**6,48,107.92**			
Deduct- value of work or supplies shown on previous bill	Rs	Nil			
Net value of work or supplies since previous bill		N/A			
Gross amount	**Rs.**	**6,48,108.00**			

Figure (F) in words:- (Rupees six lakhs fourty eight thousand one hundred eight) only

II- Certificates and signature

The measurement were made by ...**me**.....on ....**as mentioned**.....and are recorded at Page No. **01 to 35** of MB No. **10249** *and* ***01 to 35*** *of MB No.* ***10250***. No advanvce payment has been made previously without detailed measurements.

14-08-2023

Dated Signature of officer Preparing payment (Rank) Dy Manager (C) HSM-II Sub-division KHPS, NEEPCO. Umrongso (Assam) Division

B.S. Engti 14/8/23

Thumb Impression or Dated Signature of Contractor

12/10

U. Boran General Manager(C) HSM.

*Dated Signature of Officer (Rank) केएचपीएस, नीपको लि., उमरोंग्सो (असम) KHPS, NEEPCO LTD., Umrongso (Assam)

This signature is necessary only when the officer preparing the bill is not the officer who authorise the payment.In such case two signature are essential.

Completion:
18 months from LOI) i.e.

Period upto when Time Extension granted- Provision

Grante

Final Tim

NORTH EASTERN ELECTRIC POWER CORPORA

(Mini Ratna Category-1, A Govt. of India Enterprise)
Office of the Sr. Manager (C) R&B
KHPS, Umrongso, Pin: 788931
A wholly owned subsidiary of NTPC Ltd.

No: NEEPCO/KHPS/Sr. Mgr (c)/R&B/T-41/2025-26/ 90 Date 30/06/2025.

To,
The Manager (F),
KHPS, NEEPCO Ltd,
Umrongso, Dima Hasao, Assam.

Sub: - Submission of bill for RCC foundation for porta cabin construction of fencing around the porta cabin PCC for the sanitary installation including construction of a new septic tank and repair of the interior panelling walls of the porta cabin power station, KHPS, Umrongso.

Sir,

Enclosed please find herewith the following bills in duplicate along with enclosures Mentioned below for your necessary action please.

SL No	Divn, Bill No. & Date.	Name of party/contractors.	PO. No.	MB. No.	Amount.
1	2	3	4	5	6
1	KHPS/Sr. Mgr (c) /R&B/ T-41 /2025-26/ 36 DTD 28/06/2025	Khagendra Hojai	3700012992	10289	Rs 633269/-

Yours' faithfully,

28.6.25
Sr.Mgr (civil) R&B,
KHPS, Umrongso.

North Eastern Electric Power Corporation Limited

Miniratna : Category-I PSU, A fully Owned Subsidiary of NTPC Ltd.

SERVICE ENTRY SHEET

Service Entry Sheet No.	: 1000057955	**Service Entry Date**	: Jun 23, 2025
Entry Made by	: 6209 (JUMDO KAMKI)		
Plant	: 1900-KHANDONG STAGE I - CAPEXKHANDONG STAGE I - CAPEX		
Vendor Name	: 500185-KHAGENDRA HOJAI		
Vendor Address	: UMRONGSO, DIMA HASAO, ASSAM , UMRONGSO , ASSAM		
PO/WO Number	: 3700012992		
PO/WO Item No. & Desc.:	10 - RCC FOUNDATION FOR PORTA CABIN		
PO/WO Subject	: Detailed work order for RCC foundation for Porta Cabin, construction offencing around the Porta Cabin, PCC for the sanitary installation including construction of a new septic tank, andrepair of the interior paneling walls of the Porta Cabin Power Station, KHPS, Umrangso.		
PO Validity Start Date	: Aug 20, 2024	PO Validity End Date	: Nov 12, 2024
Service Header Text	: RCC FOUNDATION FOR PORTA CABIN AT KHANDG	Doc.Text	:
Project	: RM-192507 - RCC FOUNDATION FOR PORTA CABIN		
WBS Element	: RM-192507 - RCC FOUNDATION FOR PORTA CABIN		
Network	: 6002243 - RCC FOUNDATION FOR PORTA CABIN		

S.No	Service No.	Description	Quantity	UOM	Unit Price (INR)	OH Charge %	Amount(INR)
1	10004168	Jungle clearing Medium jungle ( )	1,450.000	M2	3.06		4,437.00
2	10005967	Surface dressing of the ground ( )	235.500	M2	28.94		6,815.37
3	10000001	E/work excavate to 2M below GL-Ord. soil ( )	23.357	M3	220.59		5,152.32
4	10001801	Providing soling in foundation ( )	242.362	M2	269.37		65,285.05
5	10006335	Providing and laying PCC 1 : 3 : 6 ( )	24.629	M3	6,181.95		152,255.25
6	10008786	YP94.1:RCC up to PL 1:1.5:3 ( )	5.561	M3	7,665.89		42,630.01
7	10001562	Brick work in foundation and plinth 1:4 ( )	9.218	M3	6,246.31		57,578.49
8	10006343	Shuttering column superstructure ( )	39.420	M2	814.66		32,113.90
9	10006345	Centring & shuttering Lintels, beams ( )	2.250	M2	624.07		1,404.16
10	10001582	Steel reinforcement for R.C.C. work ( )	454.260	MT	91.40		41,519.36
11	10000007	Str. Steel Work Single Sect. MS Ang/Chnl ( )	59.650	QNL	99.45		5,932.19
12	10001195	MS butt hinges 150x65x2.12mm ( )	2.000	EA	52.58		105.16
13	10001499	Providing MS sliding door bolts ( )	1.000	EA	183.52		183.52

North Eastern Electric Power Corporation Limited

SERVICE ENTRY SHEET

Service Entry Sheet No. : 1000057955 | Service Entry Date : Jun 23, 2025

S.No	Service No.	Description	Quantity	UOM	Unit Price (INR)	OH Charge %	Amount(INR)
14	10001568	15 mm thick Cement plaster. 1:4 ( )	74.270	M2	405.00		30,079.35
15	10001520	PF G.I chain link fencing 50X50 ( )	58.660	M2	862.54		50,596.60
16	10000060	S-F-F PVC Pipe 6Kg/cm2 exposed 110mm dia ( )	6.000	M	780.05		4,680.30
17	10006748	PVC pipes of 6Kg./ cm2 (iv) 75mm dia. ( )	6.000	EA	412.97		2,477.82
18	10001913	PVC BEND 87.5 degree 110mm ( )	4.000	EA	296.18		1,184.72
19	10009344	87.5 degree PVC bend (iv) 75mm dia. ( )	15.000	EA	181.26		2,718.90
20	10001916	PVC single TEE 110mm ( )	3.000	EA	342.33		1,026.99
21	10009345	PVC plain single tee (iv) 75mm dia. ( )	6.000	EA	218.49		1,310.94
22	10001217	SWRPVC socket,110mm ( )	4.000	EA	233.05		932.20
23	10006499	Providing plywood partion walls 6mm ( )	18.400	M2	1,176.18		21,641.71
24	10009374	Painting with synthetic enamel paints ( )	18.400	M2	191.74		3,528.02
25	10006388	Wooden beading ( )	19.050	M	56.25		1,071.56
					Total :INR		536,660.89
					Net Value Incl. Tax (Tax Code :N5-Input CGST (9%) + SGST (9%) Non-Deductible):INR		633,260.89

Remarks : RCC foundation for Porta Cabin, construction of fencing around the Porta Cabin, PCC for the/ courtyard and footpath, sanitary installation / repair of the interior paneling walls of the Porta Cabin at Khandong Power Station, KHPS,/ Umrangso

Seal & Signature

जे. कामकी / J. Kamki
सहा. अभियंता (सी) / Assit. Engineer (C)
सह. एस. एच. / H.S.M.
नीपको लि. उमरांगसो
NEEPCO Ltd. Umrangso

i) i.e.

NORTH EASTERN ELECRTIC POWER CORPORATION LIMITED
(A Govt. of India Undertaking)
HYDRAULIC STRUCTURE MAINTENANCE
KOPILI HYDRO ELECTRIC PROJECT
UMRONGSO, N.C.HILLS (ASSAM);PIN: 788931

AUDIT SLIP

1. Name of Contractor: - Shri Khagendra Hojai
2. Brief description of work: RCC foundation for Porta Cabin, construction of fencing around the Porta Cabin, PC for the courtyard and footpath, sanitary installation including construction of a new septic tank, and repair of the interior paneling walls of the Porta Cabin at Khandong Power Station, KHPS, Umrangso.
3. P.O No: - **3700012992, Dt. 23-05-2025**
4. Agreement no.:- NEEPCO/KHPS/C&P(C)/F-06/2024-25/ 151, Dtd. 27-06-2025
5. SES No.:- **1000057955, Dt. 23-06-2025**
6. Reference to the item of cost estimate:- **Rs.536660 .00** ***(Exclusive of GST)***
7. Ownership of the work: - (whether temporary or permanent):- **NEEPCO Ltd. (Pmt.)**
8. Bill no. & Date: - **First & Final Bill.**
9. Period of work covered by the bill: - 20-08-24 to 12-11-24
10. Date of completion of work as per agreement: - 12-11-24
11. Date of actual completion: - 12-11-2024
12. a) Whether extension applied: - **No**
    b) Whether extension granted, if so with or without liquidated damage: - **DNA**
13. Whether a transiting passes royalty certificate submitted. – **Deduct as per Assam Govt notification.**
14. Whether there is any outstanding liability against the work: - **No.**
15. Whether there is any escalation clause. - **No.**
16. Whether the site has been cleared. - **Yes.**
17. Percentage of items of work checked by day. Sr.Mgr(C)
    i) Ordinary item: -
    ii) Special item: - } **50%**
18. Whether store issue statement submitted.- **N/A**
19. Whether the utilization statement submitted. –N/A
20. Whether store recovery statement submitted. –N/A
21. Whether the bill has technically checked: - **Yes.**
22. Any point of special/ reference/ attention date: - **No.**
23. Connected M.B. No.: - **10289** (Enclosed herewith)

The above particular have been verified and found correct and have conducted tests check as follows:-

a) Ordinary item:-
b) Special item:-

28/6/25

Sr.Manager (C),
HSM, KHEP

25/6/25

Asstt. Engineer(C)
HSM,KHEP

...hedule II works Form No.10

...H EASTERN ELECTRIC POWER CORPORATION Ltd.

RUNNING ACCOUNT BILL C

For contractors and Suppliers :- This form Provides only for Payment for works or supplies actually measured

...h Book Voucher No. Date.....

...me of contractor or Supplier:- *Shri Khagendra Hojai*

Name of work :- RCC foundation for Porta Cabin, construction of fencing around the Porta Cabin, PCC for the courtyard and footpath, sanitary installation including construction of a new septic tank, and repair of the interior paneling walls of the Porta Cabin at Khandong Power Station, KHPS, Umrangso

Purpose of Supply :-

Serial No. of this Bill :- *First & Final Bill*

No.& date of the last bill for this work :-

SES No. :- **1000057955, Dt. 23-06-2025**

Reference of the P.O. No. :- **3700012992, Dt. 23-05-2025**

Date of actual completion of work :- 12-11-2024

1-- Account of work done or supplies made

Unit	Quantity executed(or supplied) up to date as per measurement book	Item of work or supplies grouped "Under sub-heads" and "sub work"of estimate	Rate	Amount: Up to Date	Amount: Since previous bill total for each sub head	Remarks
1	2	3	4	5 Rs.	6 Rs.	7
	1450	**Item No.1/** Jungle clearing including cutting bamboo and trees below 500mm	3.06	4437.00		
	235.5	**Item No.2/** Surface dressing of the ground including removing vegetation	28.94	6815.37		
Cum	23.351	**Item No.3/** Earth work in excavation ... manual means in foundation...	220.59	5151.00		
Sqm	242.36	**Item No.4/** Providing soling in foundation and under floor with stone/ best ...	269.37	65285		
Cum	24.629	**Item No.5/** Providing and laying in position cement concrete...	6181.95	152255.25		
Cum	5.562	**Item No.6/** Providing and laying in position specified grade of RCC..	7665.89	42637.68		
Cum	9.217	**Item No.7/** Brick work with common burnt clay F.P.S. (non modular) bricks..	6246.31	57572.24		
Sqm	39.420	**Item No.8/ Centring & shuttering..** Columns, Pillars, Piers, Abutments, Posts and Struts	814.66	32113.90		
Sqm	2.250	**Item No.9/** Lintels, beams, plinth beams, girders, bressumers	624.07	1404.16		
Kg	454.260	**Item No.10** Steel reinforcement for R.C.C. work including straightening,	91.40	41519.36		
	59.65	**Item No.11/** Structural steel work in single section, fixed with or without connecting plate	99.45	5932.19		
			Carried over	**415123**		

The full name of the work as given in the estimate should be entered here except in the case of bills for stock materials. by sub-heads, the total of each sub-head should be shown in column 5 and against this total here should be an entry in column 6 also.In no other case should any entries be made in column 6

Unit	Quantity executed(or supplied) up to date as per	Item of work or supplies grouped "Under sub-heads" and "sub work"of estimate	Rate	Amount Up to Date	Amount Since previous bill total for each sub head	Remarks
1	2	3	4	5	6	7
		Brought Forwarded		Rs. **415122.66**	Rs.	
Kg	2.000	**Item No.12/** Providing and fixing bright finished butt hinges	52.58	105.16		
Sqm	1.000	**Item No.13/** Providing and fixing ISi marked oxidised M.S. sliding door bolts with nuts	183.52	183.52		
Sqm	74.29	**Item No.15/** 15 mm cement plaster on rough side of single ...	405	30087.45		
Kg	58.660	**Item No.16/** Providing and fixing G.I. chain link fabric fencing of required	862.54	50596.60		
Sqm	6.00	**Item No.17/** Supplying, fitting and fixing PVC pipes of 6 Kg/cm2 -110mm	780.05	4680.30		
Sqm	6.00	**Item No.18/** Supplying, fitting and fixing PVC pipes of 6 Kg/cm2 -75mm	412.97	2477.82		
Sqm	4.00	**Item No.19/** Supplying, fitting and fixing 87.5 degree PVC bend -110mm	296.18	1184.72		
	15.000	**Item No.20/** Supplying, fitting and fixing 87.5 degree PVC bend -75mm	181.26	2718.90		
	3.00	**Item No.21/** Supplying fiting and fixing PVC Plain single tee of (Supreme/ Prince) -110mm	342.33	1026.99		
	6.00	**Item No.22/** Supplying fiting and fixing PVC Plain single tee of (Supreme/ Prince) -75mm	218.49	1310.94		
	4.00	**Item No.23/** Supplying fiting and fixing PVC reducer of (Supreme/Prince)-110x75mm	233.05	932.20		
	18.40	**Item No.24/** Providing, fitting and fixing in position plywood / hardboard partion walls with 6mm thick	1,176.18	21641.71		
	18.40	**Item No.25/** Painting with synthetic enamel paint of approved brand...	191.74	3528.02		
	19.05	**Item No.26/** Providing and fixing plain, squre edged cover fillet in ceiling and lining...	56.25	1071.56		

Total value of work done or supplies to date (Exclusive of GST)		536668.54
Deduct---Value of work or supplies shown on previous bill	(-)	
	Total=Rs.	536668.54
	Add 18% GST =Rs.	96600.34
Net value of work or supplies since prevoius bill	(F)	**633268.88**

Figure (F) in words. (**Rupees six lakh thirty three thousand two hundred sixty eight) only.** **(Inclusive of GST)**

1. The work comple
2. Work ha
3.

Remarks

fied that :-

1. The work completed in all respect.
2. Work has been done as per direction and specification.
3. No,T&P were issued to the contractor against this work.
4. Contractor Has not engaged more than 19 (Ninteen) Labours in a day against this work.whose ages are above 18 Yrs.

III - Certificate and Signature

The measurement were made by me in between different date and recorded at page (51 to 101), of MB No.10289

Dated signature of officer preparing the bill

23/6/17

जे. कामकी / J. Kamki
सहा. अभियंता (सी) / Asstt. Engineer (C)
एच. एस. एम. / H.S.M.
केपं. नीपको लि. उमरांगसो
KHEP,NEEPCO Ltd. Umrangso

(Rank)
.....Sub-division
.....Division

बी. एन. सरकार/B.N. Sarkar
वरि. प्रबंधक (सी)/Sr. Manager (C),
आर & बी/R&B
केएचपीएस, नीपको, उमरोंग्सो (असम)
KHPS, NEEPCO, Umromgso (Assam)

Thumb impression of

Dated signature of contractor

Khagendra Hojai
Civil Contractor & Supplier
Umrangso, Dima Hasao

dated signature of Officer authorising payment (.....

(Rank).....

This signature is necessary only when the officer preparing the bill if not the officer who authorised the payment.In such a case two signature are essential.

1. Period upto when Time Extension gran... is under process for approval.

AN ISO: 9001::14001
OHSAS :18001

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
(A GOVT OF INDIA ENTERPRISES)
KOPILI HYDRO ELECTRIC PLANT, UMRONGSO
ROAD & BUILDING
DIMA HASAO, ASSAM, INDIA:: PIN-788931 FAX: 03670-288240/288226

No:-NEEPCO/KHPS/R&B/T-41/2025-26/ Dated,The Umrongso.....

COMPLETION CERTIFICATE

1.**Name of Work**:- RCC foundation for Porta Cabin, construction of fencing around the Porta Cabin, PCC for the courtyard and footpath, sanitary installation including construction of a new septic tank, and repair of the interior paneling walls of the Porta Cabin at Khandong Power Station, KHPS, Umrangso.

2. **Name of Contractor**:- Shri Khagendra Hojai

.

3.P.O. No. 3700012992, Dt. 23-05-2025

4.**Date of Completion**:- 12th Nov'2024.

5.**Total Value of the work**:- **Rs. 536660.00** (Rupees five lakh thirty six thousand six hundred sixty) only **(Exclusive of GST)**

Certified that the above-mentioned work had been executed and completed in all respect on 12-11-2024 as per the specifications and direction of the department-in-Charge.

Senior Manager(Civil)
Road and building
KHPS,NEEPCOLtd
Umrongso.

Asstt.Engineer(C)
Road & Building
KHPS,NEEPCO Ltd.
Umrangso