नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड
(भारत सरकार का उद्यम)
North Eastern Electric Power Corporation Ltd.
(A Govt. of India Enterprise)

A Wholly Owned subsidiary of NTPC Ltd.
Second Floor, Block-C, Centrum Plaza Mall
Sultanpur, M.G. Road, New Delhi-110030
Email: corpaffairs@neepco.co.in

कॉर्पोरेट अफेयर्स | Corporate Affairs

सं-/No. CA/37/418

दिनांक/Dated 12.11.2024

सेवा में/To,

सचिव/The Secretary

केंद्रीय विद्युत विनियामक आयोग/Central Electricity Regulatory Commission

तीसरी एवं चौथी मंजिल/3rd & 4th Floor,

चंद्रलोक भवन/Chanderlok Building,

36, जनपथ, नई दिल्ली-110001/36, Janpath, New Delhi-110001

विषय/ Sub: Petition under section 62 and 79 (1) of the Electricity Act,2003 read with related provisions of the Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations,2023 and (a)Chapter-3 Regulation 13 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for carrying out truing up exercise for the period 2019-24 with respect to the capital expenditure including additional capital expenditure incurred during the period of 2019-24 and (b) Chapter-11 Regulation 65 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 of truing up exercise for determination of shortfall of energy charges beyond the control of the Generating Station during 2019-24 which has already been billed to Respondent no-1 Respondent no-1 to 7 and (c) Chapter-3 Regulation 9 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for Determination of Tariff for the period 01.04.2024 to 31.03.2029 in respect of KaHPS.

महोदय /Dear Sir,

This has reference to the above, Please find enclosed Petitions in respect of Kameng Hydro Power Station (600 MW) (hereinafter reffered to as KaHPS) of North Eastern Electric Power Corporation Limited (NEEPCO), Shillong for truing up exercise for the period 2019-24 and Determination of Tariff for the 01.04.2024 to 31.03.2029 in respect of KaHPS.

This is for kind consideration of the Honourable Commission.

धन्यवाद/Thanking you,

भवदीय/Yours faithfully,

(रिपुंजय भुइयां)
मुख्य महाप्रबंधक
नीपको लिमिटेड, नई दिल्ली-66

संलग्नक: यथोक्त/Enclo: As above

ज्ञापन सं-/CA/37/419-427

दिनांक/Dated: 12.11.2024

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

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

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

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

5. उत्तर प्रदेश पावर कॉर्पोरेशन लिमिटेड 14वीं मंजिल, शक्ति भवन एक्सटेंशन, 14-अशोक मार्ग, लखनऊ-226001

5.U.P. Power Corporation Ltd. 14th Floor,Shakti Bhawan Extn, 14-Ashok Marg, Lucknow-226001

6. छत्तीसगढ़ राज्य विद्युत वितरण कंपनी लिमिटेड कार्यालय मुख्य अभियंता, (आरए एवं पीएम), चौथी मंजिल, विद्युत सेवा भवन, डंगनिया (सीएसईबी), रायपुर-492013

6.Chattisgarh State Power Distribution Company Ltd.O/O chief Engineer,(RA&PM), 4th floor,Vidyut Sewa bhawan, Dangania(CSEB), Raipur-492013

7. हरियाणा विद्युत खरीद केंद्र, शक्ति भवन, सेक्टर-6, पंचकुला, हरियाणा-134108

7.Haryana Power Purchase Centre, Shakti Bhawan, Sector-6, Panchkula, Haryana-134108

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
नीपको लिमिटेड, नई दिल्ली-66

सत्यमेव जयते

INDIA NON JUDICIAL

Government of National Capital Territory of Delhi

e-Stamp

Certificate No.	:	**IN-DL97456135146176V**
Certificate Issued Date	:	17-Nov-2023 11:47 AM
Account Reference	:	IMPACC (IV)/ dl754903/ DELHI/ DL-DLH
Unique Doc. Reference	:	SUBIN-DLDL754903598943909084l9V
Purchased by	:	NEEPCO LIMITED
Description of Document	:	Article 4 Affidavit
Property Description	:	Not Applicable
Consideration Price (Rs.)	:	0 (Zero)
First Party	:	NEEPCO LIMITED
Second Party	:	SUBMISSIONS OF DATA TO CERC
Stamp Duty Paid By	:	NEEPCO LIMITED
Stamp Duty Amount(Rs.)	:	10 (Ten only)

NOTARY PUBLIC * RAJKUMAR (ADVOCATE) Area: DELHI Regn. No. 6536 Expiry NOV.2027 * GOVT. OF INDIA

Please write or type below this line

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-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations,2023 and **(a)**Chapter-3 Regulation 13 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for carrying out truing up exercise for the period 2019-24 with respect to the capital expenditure including additional capital expenditure incurred during the period of 2019-24 and **(b)** Chapter-11 Regulation 65 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 of truing up exercise for determination of shortfall of energy charges beyond the control of the Generating Station during 2019-24 which has already been billed to Respondent no-1 Respondent no-1 to 7 and **(c)** Chapter-3 Regulation 9 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for Determination of Tariff for the period 01.04.2024 to 31.03.2029 in respect of **KaHPS**

Statutory Alert:
1. The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

AND

IN THE MATTER OF:

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

--- PETITIONER

VERSUS

Assam Power Distribution Company Ltd
(Erstwhile Assam State Electricity Board)
"Bijulee Bhawan", Paltanbazar, Guwahati 781001 and 08 (eight) others

RESPONDENTS

Affidavit verifying the submission of NEEPCO.

I Ripunjoy Bhuyan, Chief General Manager (Tech) son of Late Deb Nath Bhuyan, aged about 51 years presently residing at Hatigarh Charali, Guwahati- 781021, do solemnly affirm and state as follows:

1. That I am Chief General Manager (Tech) in the Petitioner - North Eastern Electric Power Corporation Limited and am well conversant with the facts of the case and am competent to swear the present affidavit.

2. That I have read the contents of the accompanying submission filed by North Eastern Electric Power Corporation Limited and have understood the contents of the same.

3. That the contents of the accompanying submission are based on information available with the petitioner in the normal course of business and believed by the deponent to be true.

4. That the annexures to the submissions are true and correct copies of their original

Deponent

VERIFICATION:

Verified at New Delhi on 12.11.2024, that the contents of above affidavit are true to the best of my knowledge, no part of it is false and nothing material has been concealed therefrom.

NOTARY PUBLIC GOVT. OF INDIA
RAJKUMAR (ADVOCATE)
Regn. No. 663
Expiry NOV.2027

ATTESTED
NOTARY PUBLIC INDIA
13 NOV 2024

BEFORE THE HONB'LE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO: /2024

IN THE MATTER OF:

Petition under section 62 and 79 (1) of the Electricity Act,2003 read with related provisions of the Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations,2023
and

(a)Chapter-3 Regulation 13 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for carrying out truing up exercise for the period 2019-24 with respect to the capital expenditure including additional capital expenditure incurred during the period of 2019-24

and

(b) Chapter-11 Regulation 65 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 of truing up exercise for determination of shortfall of energy charges beyond the control of the Generating Station during 2019-24 which has already been billed to Respondent no-1 Respondent no-1 to 7

and

(c) Chapter-3 Regulation 9 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for Determination of Tariff for the period 01.04.2024 to 31.03.2029

In respect **of Kameng Hydro Power Station (600 MW)** (hereinafter referred to as **KaHPS**) 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

Assam Power Distribution Company Ltd (Erstwhile Assam State Electricity Board) "Bijulee Bhawan", Paltanbazar Guwahati - 781 001 and 8 (eight) others

--------- **RESPONDENTS**

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4	Proof of payment of filing fees-**Annexure-C**	
5.	Auditor's certificates for ADDCAP , Decap, Gross block , Capital spares consumed etc-**Annexure-G**	
6.	PO copies and other supporting docuemmts -**Annexure-H**	

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

THROUGH



(Ripunjoy Bhuyan)
CGM (Commercial), NEEPCO
Place: Delhi
Dated



BEFORE THE HONB'LE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

PETITION NO: /2024

IN THE MATTER OF:

Petition under section 62 and 79 (1) of the Electricity Act,2003 read with related provisions of the Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations,2023 and

(a)Chapter-3 Regulation 13 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for carrying out truing up exercise for the period 2019-24 with respect to the capital expenditure including additional capital expenditure incurred during the period of 2019-24 and

(b) Chapter-11 Regulation 65 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 of truing up exercise for determination of shortfall of energy charges beyond the control of the Generating Station during 2019-24 which has already been billed to Respondent no-1 Respondent no-1 to 7to 7 and

(c) Chapter-3 Regulation 9 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for Determination of Tariff for the period 01.04.2024 to 31.03.2029

in respect of **Kameng Hydro Power Station (600 MW)** (hereinafter referred to as **KaHPS**) 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
   "Bijulee Bhawan", Paltanbazar
   Guwahati 781 001, Assam.

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

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

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

5. U.P. Power Corporation Ltd. 14th Floor,Shakti Bhawan Extn, 14-Ashok Marg,
Lucknow-226001

6. Chattisgarh State Power Distribution Company Ltd.O/O chief Engineer,(RA&PM),
4th floor,Vidyut Sewa Bhawan,Dangania(CSEB),Raipur-492013

7. Haryana Power Purchase Centre, Shakti Bhawan, Sector-6, Panchkula, Haryana-
134108

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

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

It is respectfully submitted by the petitioner:-

(a) TRUING UP EXERCISE FOR THE PERIOD 2019-24

1. The **North Eastern Electric Power Corporation Limited** (hereinafter referred to as **NEEPCO),** a Government of India Enterprise established under Companies Act, 1956 came into existence on 2nd April, 1976 with its Headquarters at Shillong, Meghalaya.
2. The Petitioner is having power stations/projects at different states/locations of the North Eastern Region of the country. The **Kameng Hydro Power Station** (hereinafter referred to as **KaHPS)** is one of such generating stations located at "Kameng **District of Arunachal Pradesh**" having an installed capacity of **600** MW.
3. The project comprises of four units of 150 MW capacity each and is a run of the river scheme with pondage situated in the Kameng basin of West Kameng District, Arunachal Pradesh. The date of commercial operation of the units/station is as under:

Units	Actual COD
I	17.06.2020
II	01.07.2020
III	22.01.2021
IV/Generating Station	12.02.2021

4. It is submitted that the electricity generated from **KaHPS** is being supplied to the respondents 1-7 mentioned herein above.
5. The Annual Design Energy of the **KaHPS** is **3353** MU.
6. The Petitioiner has filed a petition on 11.10.2023 Petition no- **355 GT/2023** with the Hon'ble Commission for the determination of tariff of **KaHPS** for the period from 17.06.2020 (COD of the first unit) to 31.03.2024 after approving the Annual Fixed Charges (AFC) for the tariff period 2019-24 in accordance with the Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2019. At that time, Petitioner did not consider any projected addcap during FY-2022-23 and 2023-24 and prayed to allow the Petitioner to file a revised Petition on actual expenditure.
7. **Capital Cost**: The actual capital cost as on COD of the station i.e. on 12.02.2021 is Rs **8408.41 Cr**. Capital cost at the completion of each unit of KAHPS is considered as the capital cost for the purpose of Tariff. Actual additional capital expenditure admissible as per the Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2019 from COD of the station upto 31.03.2024 has been considered by the Petitioner to arrive at the capital cost as on 31.03.2024.

8. **Additional Capitalization and De-capitalization**: As per relevant regulations under Chapter-7 of CERC Tariff Regulations 2019 (Computation of additional capital expenditure) to be allowed by the Commission in the Tariff.

9. The petitioner has capitalized various expenditures incurred during the FYs 2019-24 in the books of **KaHPS**. Accordingly, the Petitioner have proposed to revise the Annual Fixed Charges for the Power Station for the period of 2019-24 showing impact thereof during the said period through this petition for the purpose of carrying out truing up exercise by the Hon'ble Commission.

10. The application is made before the Hon'ble Commission for revision of tariff for the **KaHPS** in terms of the CERC (Terms and Conditions of Tariff) Regulations, 2019 clause 13 for the purpose of truing up based on additional capital expenditure incurred during the period of 2019-24.

(i) The additional capitalization claimed during the period 2019-24 has been worked out as detailed in **Annexure-A.**

(ii) The aforesaid additional capitalization to be considered for tariff purpose after adjustment of de-capitalization.

(iii) All Audited statements related to the Tariff Forms for the period of 2019-24 **Annexure -G.**

(iv) All PO copies , work completion certificates and other supporting documents are given in **Annexure-H**.

11. The revised Annual Fixed Charges (AFC) for the Power Station for the period of 2019-24 have been calculated & furnished (**Annexure-A**) duly considering the admissible additional capital expenditure actually incurred during 2019-24 for the said purpose. Further, in terms of Regulation 31 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019, the Return on Equity for each financial year has been "Grossed up" with the applicable effective tax rates for the years 2019-24.

12. **Security expenses**: As per paragraph no. 35 of Tariff Regulation 2019, Security Expenses for hydel generating stations are allowed separately. The security expenses at actual claimed along with auditor certificates during the period of 2019-24 amounting to total Rs. 458.02 lakh is detailed in **Annexure-A** has been submitted by the petitioner for truing up.

FINANCIAL YEAR	AMOUNT (in Rs. Lakh)
2020-21	277.82
2021-22	362.90
2022-23	442.78
2023-24	405.29

13. 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. Copy of the letter is attached (**Annexure -C**).

14. The details of documents annexed to this petition are given in the Index.

PRAYER

The petitioner, therefore, most humbly prays that the Hon'ble Commission may kindly be pleased to:

(i) Approve the Revised Annual Fixed Charges in respect of **KaHPS**, after considering the impact of net capitalization done during 2019-24 as per the details given in Annexure- A to this Petition.

(ii) Allow recovery of publication expenses from the beneficiaries incurred with regards to this petition.

(iii) Allow recovery from the beneficiaries any such tax, cess levied in NEEPCO in relation to generation and supply/distribution of electricity.

(iv) Allow recovery of filing fees relating to the period of 2019-24 from the beneficiaries as and when the same paid to the Hon'ble Commission.

(v) Pass any other order in this regard as the Hon'ble Commission may find appropriate in the circumstances pleaded above.

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

THROUGH

(Ripunjoy Bhuyan)
CGM (Commercial), NEEPCO
Place: Delhi
Dated:

IT IS RESPECTFULLY SUBMITTED BY THE PETITIONER:

(b) Truing up exercise for determination of shortfall of energy charges beyond the control of the Generating Station during 2019-24

IN THE MATTER OF:

Petition under section 62 and 79 (1) of the Electricity Act,2003 read with related provisions of the Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations,2023 and Chapter-11 Regulation 65 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 of truing up exercise for determination of shortfall of energy charges beyond the control of the Generating Station during 2019-24 in respect of **Kameng Hydro Power Station (KaHPS) (600 MW)** (hereinafter referred to as **KaHPS**) during 2019-24 of **North Eastern Electric Power Corporation Limited (NEEPCO)**, Shillong. (which has already been billed to Respondent no-1 to 7)

AND IN THE MATTER OF:

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

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NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

THROUGH



(Ripunjoy Bhuyan)
CGM (Commercial), NEEPCO
Place: Delhi
Dated:



BEFORE THE HONB'LE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

PETITION NO: /2024

IN THE MATTER OF:

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AND IN THE MATTER OF :

North Eastern Electric Power Corporation Limited
Corporate Office : Brookland Compound
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   Meghalaya.

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

IT IS RESPECTFULLY SUBMITTED BY THE PETITIONER:

Truing up exercise for determination of shortfall of energy charges beyond the control of the Generating Station during 2019-24

IN THE MATTER OF:

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1. The **North Eastern Electric Power Corporation Limited (**hereinafter referred to as **NEEPCO),** a Government of India Enterprise established under Companies Act, 1956 came into existence on 2nd April, 1976 with its Headquarters at Shillong, Meghalaya.

2.The Petitioner is having power stations/projects at different states/locations of the North Eastern Region of the country. The **Kameng Hydro Power Station (600 MW)** (hereinafter referred to as **KaHPS**) is one of such generating stations located at "Kameng District of Arunachal Pradesh" having an installed capacity of **600** MW.

3. Regulation 65(7&8) of the CERC (Terms and Conditions of Tariff) Regulations, 2024, allows the recovery of shortfall in energy charges for reasons beyond the control of generating stations during the tariff period 2019-24 directly from the beneficiaries. The relevant Regulations are as follows: -

"65(7)In case the saleable scheduled energy (ex-bus) of a hydro generating station during a year is less than the saleable design energy (ex-bus) for reasons beyond the control of the generating station, the generating station may directly recover the shortfall in energy charges in six equal interest-free monthly instalments after adjusting for DSM Energy in the immediately following year and shall be subject to truing up at the end of the tariff period.

Provided that in case actual generation from a hydro generating station is less than the design energy for a continuous period of four years on account of hydrology factor, the generating 120 station shall approach the Central Electricity Authority with relevant hydrology data for revision of design energy of the station."

"65(8)Any shortfall in the energy charges on account of saleable scheduled energy (ex-bus) being less than the saleable design energy (ex-bus) during the tariff period 2019-24, which was beyond the control of the generating station and which could not be recovered during the said tariff period shall be recovered in accordance with clause (7) of this Regulation. "

In the previous Tariff Regulations 2019-24, filing of petitions for recovery of shortfall of energy charges was necessary. In the present Tariff Regulations 2024-29, commission has given liberty to the generating stations to directly recover the shortfall of energy. However, the recovery amount will be subject to truing up at the end of the tariff period.

Commission in its recent order dtd. 20.01.24 on various Petitions of NHPC allowed recovery of shortfall of energy charges of hydro stations for the tariff period 2019-2021.

With the above-mentioned facts in the background and following the methodology in the order dtd, 20.01.24, NEEPCO has calculated the recovery of shortfall of energy charges for the period from 2019 to 2014 for reasons beyond the control of the generating station.

In case of **Kameng Hydro Power Station** the following factors have been taken into consideration as un controllable :-

1)Less Inflow of water w.r.t Design flow

2)Less Schedule (i.e. URS -Difference between DC & Schedule.)

1)Less Inflow of water w.r.t Design flow:-

We have gathered the following data for each day of the respective financial years to ascertain the uncontrollable factors of Less Inflow of water w.r.t Design flow :-

a) Water inflow data b)Actual Generation data c) Outage data e) IMD data - **Annexure-D**

The following formulae have been used to calculate the maximum possible saleable ex-bus generation corresponding to actual inflows available during each day of a financial year.

Maximum possible saleable ex-bus generation for a day = Design energy for the day x Actual inflow (cumecs)x K1xK2/Design Inflow

Where K1 represents the multiplying factor to account for the Free Energy of 12% to home states, and K2 represents the multiplying factor to account for the auxiliary consumption. A summation of such derived values for the whole financial year represents the maximum possible saleable ex-bus generation for the year. Difference between the Saleable Ex bus design energy and maximum possible exbus energy is the shortfall/excess of generation on account of Inflow ofwater.

2) Less Schedule (i.e. URS -Difference between DC & Schedule.

For URS the shortfall of energy is **9.79** Mu.

In case of KAHPS , 42% of the entire power is tied up with long term beneficiaries. So tha net shortfall of energy has been prorated to that portion i.e. 42% only).

Year wise shortfall of energy is calculated as per the following Table:-

ENERGY SHORTFALL BEYOND CONTROL OF THE GENERATING STATION				
Name of the station:-**Kameng**	Unit	Year		Total
	Mu	2021-22	2023-24	
Maximum possible generation wrt to available flow	MU	3203.35	3016.71	
Design energy	MU	3353.00	3353.00	
1) Shortfall/Excess	MU	149.65	336.29	
2) URS (DC-Schedule)	MU	4.32	2.34	
Total (1+2)	**MU**	**153.98**	**338.63**	
Ex bus energy	MU	134.14	295.01	
DSM energy	MU	36.83	22.88	
Net energy	MU	97.31	272.13	
ECR	Rs/KwH	2.00	2.00	
Net amount (Only Portion of long term tied up energy is considered i.e.42%)	**Rs Cr.**	**8.17**	**22.86**	**31.03**

Accordingly an amount of Rs **31.03** Cr was billed to all the beneficiaries on 30.04.2024. Invoice copy attached in **Annexure –E.**

Detailed Calculation sheet is enclosed as **Annexure-F**.

Petitiioner has submitted measured/calculated inflow data and rainfall maps from the Indian Metrological Department to HP & I Division , CEA for kind examination and certification in order for submission of true up Petition. **Annexure-K**

PRAYER

The petitioner, therefore, most humbly prays that the Hon'ble Commission may kindly be pleased to:

i) The Commission may kindly allow recovery of shortfall of energy charges amounting to Rs **31.03 Cr** alongwith applicable interest .

ii) The Commission may kindly allow the revision of shortfall of energy charges after revision of Annual Fixed Cost through trough true up exercise for 2019-24.

iii) Pass such other and further order / orders as are deemed fit and proper in the facts and circumstances of the case.

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

THROUGH

(Ripunjoy Bhuyan)
CGM (Commercial), NEEPCO
Place: Delhi
Dated:

IT IS RESPECTFULLY SUBMITTED BY THE PETITIONER:

(c) DETERMINATION OF TARIFF FOR THE PERIOD 01.04.2024 TO 31.03.2029

IN THE MATTER OF:

Petition under section 62 and 79 (1) of the Electricity Act,2003 read with related provisions of the Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations,2023 and Chapter-3 Regulation 9 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for Determination of Tariff for the period 01.04.2024 to 31.03.2029 **Kameng Hydro Power Station (KaHPS)**

AND IN THE MATTER OF:

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

--------- **PETITIONER**

VERSUS

Assam Power Distribution Company Ltd (Erstwhile Assam State Electricity Board) "Bijulee Bhawan", Paltanbazar Guwahati - 781 001 and 8 (eight) others

--------- **RESPONDENTS**

INDEX

Sl. No.	Particulars	Page No.
1	Petition	
2	Affidavit	
3	Summary (**Tariff form)** of revised Annual Fixed Charges for the period of 2024-29 including additional capital expenditure to be incurred during the period and related forms there-to **Annexure -I.**	
4	PO copies and other supportings -**Annexure-J**	
5	Proof of payment of filing fees-**Annexure-C**	

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

THROUGH



(Ripunjoy Bhuyan)
CGM (Commercial), NEEPCO
Place: Delhi
Dated:



BEFORE THE HONB'LE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

PETITION NO: /2024

IN THE MATTER OF:

Petition under section 62 and 79 (1) of the Electricity Act,2003 read with related provisions of the Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations,2023 and Chapter-3 Regulation 9 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for Determination of Tariff for the period 01.04.2024 to 31.03.2029 **Kameng Hydro Power Station (KaHPS)**

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
   "Bijulee Bhawan", Paltanbazar
   Guwahati 781 001, Assam.

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

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

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

5. U.P. Power Corporation Ltd. 14th Floor,
   Shakti Bhawan Extn, 14-Ashok Marg,
   Lucknow-226001

6. Chattisgarh State Power Distribution Company Ltd.
   O/O chief Engineer,(RA&PM), 4th floor,Vidyut Sewa
   Bhawan,Dangania(CSEB),Raipur-492013

7. Haryana Power Purchase Centre, Shakti Bhawan,
   Sector-6, Panchkula, Haryana-134108

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

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

IT IS RESPECTFULLY SUBMITTED BY THE PETITIONER:

DETERMINATION OF TARIFF FOR THE PERIOD 01.04.2024 TO 31.03.2029

IN THE MATTER OF:

Petition under section 62 and 79 (1) of the Electricity Act,2003 read with related provisions of the Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations,2023 and Chapter-3 Regulation 9 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 for Determination of Tariff for the period 01.04.2024 to 31.03.2029 **Kameng Hydro Power Station (KaHPS).**

1.The **North Eastern Electric Power Corporation Limited** (hereinafter referred to as **NEEPCO),** a Government of India Enterprise established under Companies Act, 1956 came into existence on 2nd April, 1976 with its Headquarters at Shillong, Meghalaya.

2.The Petitioner is having power stations/projects at different states/locations of the North Eastern Region of the country. The **Kameng Hydro Power Station (600 MW)** (hereinafter referred to as **KaHPS**) is one of such generating stations located at "Kameng District of Arunachal Pradesh" having an installed capacity of **600** MW.

15. 3. The project comprises of four units of 150 MW capacity each and is a run of the river scheme situated in the Kameng basin of West Kameng District, Arunachal Pradesh. The date of commercial operation of the units/station is as under:

Units	Actual COD
I	17.06.2020
II	01.07.2020
III	22.01.2021
IV/Generating Station	12.02.2021

4.It is submitted that the electricity generated from KAHPS is being supplied to the respondents 1-7 mentioned herein above.

5. The Annual Design Energy of the KAHPS is **3353** Mu.

6. The Petitioiner has filed a petition on 11.10.2023 to the Hon'ble Commission for the determination of tariff of **KaHPS** for the period from 17.06.2020 (COD of the first unit) to 31.03.2024 after approving the Annual Fixed Charges (AFC) for the tariff period 2019-24 in accordance with the Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2019. Petitioner did not consider any addcap during FY-2022-23 and 2023-24 and prayed to allow the Petitioner to file a revised Petition on actual expenditure. Also in the Petition filed on 11.10.2023 there was an error in phasing of the Capital cost at the commercial operation of respective units of the station. Now it has been revised and given in the Tariff Forms at **Annexure-A**.

7.Capital Cost: The capital cost as on COD of the station i.e. on 12.02.2021 is Rs 8408.41 Cr. Capital cost at the completion of each unit of KAHPS is considered as the capital cost for the purpose of Tariff. Actual additional capital expenditure admissible as per the Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2019 from COD of the station upto 31.03.2024 has been considered by the Petitioner to arrive at the capital cost as on 31.03.2024.

The Petitioner has submitted final truing up Petition for **KaHPS** for revision of Annual Fixed Charges (AFC) for the period of 01.04.2019-to 31.03.2024 on account of actual capital expenditure incurred during the said period.

8. The Hon'ble Commission has notified the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 (hereinafter referred to as Tariff Regulations, 2024), which have come into force with effect from 01.04.2024, specifying the terms & conditions and methodology for determination of tariff for a period of 05 (five) years from 01.04.2024 to 31.03.2029. The Petitioner is filing the present petition for determination of tariff for **KaHPS** for the period of 01.04.2024 to 31.03.2029 as per the said Tariff Regulations, 2024.

9. Regulation 9(2) of the Tariff Regulations 2024 states about application for determination of tariff for the period 1st April 2024 to 31st March 2029, which is extracted as below:

   "(2) In case of an existing generating station or unit thereof, or transmission system or element thereof, the application shall be made by the generating company or the transmission licensee, as the case may be, by 30.11.2024 , based on admitted capital cost including additional capital expenditure already admitted and incurred up to 31.3.2024 (either based on actual or projected additional capital expenditure) and estimated additional capital expenditure for the respective years of the tariff period 2024-29 along with the true up petition for the period 2019-24 in accordance with the CERC (Terms and Conditions of Tariff) Regulations, 2019."

10. The Annual Fixed Cost (AFC)for **KaHPS** for the period of 2024-29 have been worked out in terms of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2024 as under (Part – II, Form -1):

₹ in lakh

Financial year	2024-25	2025-26	2026-27	2027-28	2028-29
AFC	146389.70	143323.35	140729.26	138082.20	135980.39

11. The above AFC is exclusive of any taxes, duties, cess etc., if any, imposed/levied by the appropriate authorities. Any such tax, cess etc. levied on NEEPCO in relation to generation and supply/distribution of electricity and payable accordingly shall be recoverable from the beneficiaries in proportion to their Annual Capacity Charges.

12. Details of the projected Additional Capital Expenditure during the period 2024-29 claimed under the relevant clauses of the Tariff Regulations, 2024 are detailed in the attached Form 9 (A) of Tariff Form enclosed as **Annexure-I & J**

14. 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. Copy of the letter is attached **(Annexure - C).**

The details of documents annexed to this petition are given in the Index.

PRAYER

The petitioner, therefore, most humbly prays that the Hon'ble Commission may kindly be pleased to:

(vi) Approve the tariff in respect of **KaHPS** for the period of 01.04.2024 to 31.03.2029 and allow recovery of arrears from the beneficiaries, if any, on account of revision of tariff.

(vii) 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.

(viii) Allow recovery from the beneficiaries the publication expenses incurred with regard to this petition.

(ix) Allow to recover from the beneficiaries any levies, tax, cess etc., if any, as mentioned in paragraph 11 above.

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

THROUGH

(Ripunjoy Bhuyan)
CGM (Commercial), NEEPCO
Place: Delhi
Dated:

PART-II

Checklist of Forms and other information/ documents for tariff filing for Kameng Hydro Power Station (KaHPS), NEEPCO

Form No.	Title of Tariff Filing Forms (Hydro)	Tick
FORM- 1	Summary of Tariff	Yes
FORM -1 (I)	Statement showing claimed capital cost	Yes
FORM -1 (II)	Statement showing Return on Equity	Yes
FORM-2	Details of COD, Type of hydro station, Normative Annual Plant Availability Factor (NAPAF) & Other normative parameters considered for tariff calculation	Yes
FORM-3	Salient Features of Hydroelectric Project	Yes
FORM- 4	Details of Foreign loans	NA
FORM- 4A	Details of Foreign Equity	NA
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	NA
FORM-5A	Abstract of Capital Cost Estimates and Schedule of Commissioning for the New projects	Yes
FORM-5B	Break-up of Capital Cost for Hydro Power Generating Station	Yes
FORM-5C	Break-up of Capital Cost for Plant & Equipment	Yes
FORM-5D	Break-up of Construction/Supply/Service packages	Yes
FORM-5Ei	In case there is cost over run	Yes
FORM-5Eii	In case there is time over run	Yes
FORM- 6	Financial Package up to COD	Yes
FORM- 7	Details of Project Specific Loans	Yes
FORM- 8	Details of Allocation of corporate loans to various projects	Yes
FORM-9A	Statement of Additional Capitalization after COD	Yes
FORM 9B	Statement of Additional Capitalization during end of the Project	NA
FORM 9Bi	Details of Asset De-capitalized during the period	Yes
FORM- 9C	Statement showing reconciliation of ACE claimed with the capital additions as per books	Yes
FORM- 9D	Statement showing items/assets/works claimed under Exclusions	Yes
FORM- 9E	Statement of Capital cost	Yes
FORM- 9F	Statement of Capital Woks in Progress	Yes

Form No.	**Title of Tariff Filing Forms (Hydro)** Kameng Hydro Power Station (KaHPS)-NEEPCO	Tick
FORM- 10	Financing of Additional Capitalization	Yes
FORM- 11	Calculation of Depreciation on original project cost	Yes
FORM- 12	Statement of Depreciation	Yes
FORM- 13	Calculation of Weighted Average Rate of Interest on Actual Loans	Yes
FORM- 13A	Calculation of Interest on Normative Loan	Yes
FORM- 13B	Calculation of Interest on Working Capital	Yes
FORM- 13C	Non-Tariff Income	Yes
FORM- 13D	Incidental Expenditure during Construction	NA
FORM- 14	Draw Down Schedule for Calculation of IDC & Financing Charges	Yes
FORM- 14A	Actual cash expenditure	Yes
FORM- 15A	Design energy and peaking capability (month wise)- ROR with Pondage/Storage type new stations	Yes
FORM- 15B	Design energy and MW Continuous (month wise)- ROR type stations	Yes
FORM- 16	Statement of Liability Flow	Yes
FORM- 17	Operation & Maintenance Expense	Yes
FORM- 18	Details of Statutory Charges	Yes
FORM- 19	Summary of issue involved in the petition	NA

PART-II
FORM- 1

Summary Sheet

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : Kameng Hydro Power Station
Region - North Eastern Region
State - Arunachal Pradesh

Rs. in Lakh

S. No.	Particulars	17.06.20 to 30.6.20	01.07.20 to 21.01.21	22.01.21-11.02.21	12.02.21 -31.3.21	2021-22	2022-23	2023-24
1	2	3	4	5		6	7	8
1.1	Depreciation	1386.15	21142.23	2480.83	5867.26	44615.64	44615.64	44783.89
1.2	Interest on Loan	1916.71	28578.66	3295.08	7748.10	45928.58	41625.01	37474.98
1.3	Return on Equity [1]	1565.07	23877.00	2803.82	6632.26	50432.84	50432.84	50603.41
1.4	Interest on Working Capital	88.40	1340.85	159.50	372.14	2452.59	2398.40	2353.87
1.5	O & M Expenses	460.32	7024.92	822.89	1944.79	14788.50	14788.50	14987.56
1.6	Security Expenses-KaHPS	3.71	95.12	85.21	93.76	362.90	442.78	405.29
	Total	**5420.36**	**82058.78**	**9647.33**	**22658.32**	**158581.05**	**154303.17**	**150609.00**

Note:

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

(Petitioner)

PART-II
FORM- 1(I)

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

Statement showing claimed capital cost-(A+B)

Rs. in Lakh

S. No.	Particulars	17.06.20 to 30.6.20	01.07.20 to 21.01.21	22.01.21-11.02.21	12.02.21 - 31.3.21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Opening Capital Cost	680296.43	708793.00	812500.65	840841.59	840841.59	840841.59	840841.59
2	Add: Addition during the year/period	0.00	0.00	0.00	0.00	0.00	0.00	1669.85
3	Less: Decapitalisation during the year/period	0.00	0.00	0.00	0.00	0.00	0.00	67.94
4	Less: Reversal during the year/period	0.00	0.00	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	0.00	4085.69
6	Closing Capital Cost	680296.43	708793.00	812500.65	840841.59	840841.59	840841.59	846529.19
7	Average Capital Cost	680296.43	708793.00	812500.65	840841.59	840841.59	840841.59	843685.39

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

Rs. in Lakh

S. No.	Particulars	17.06.20 to 30.6.20	01.07.20 to 21.01.21	22.01.21-11.02.21	12.02.21 - 31.3.21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Opening Capital Cost	680296.43	708793.00	812500.65	840841.59	840841.59	840841.59	840841.59
2	Add: Addition during the year/period	0.00	0.00	0.00	0.00	0.00	0.00	1669.85
3	Less: Decapitalisation during the year/period	0.00	0.00	0.00	0.00	0.00	0.00	67.94
4	Less: Reversal during the year/period	0.00	0.00	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	0.00	4085.69
6	Closing Capital Cost	680296.43	708793.00	812500.65	840841.59	840841.59	840841.59	846529.19
7	Average Capital Cost	680296.43	708793.00	812500.65	840841.59	840841.59	840841.59	843685.39

Statement showing claimed capital cost eligible for R.o.E at weighted average rate of interest on actual loan portfolio (B)

Rs. in Lakh

S. No.	Particulars	17.06.20 to 30.6.20	01.07.20 to 21.01.21	22.01.21-11.02.21	12.02.21 - 31.3.21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Opening Capital Cost	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Add: Addition during the year/period	0.00	0.00	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	0.00	0.00
4	Less: Reversal during the year/period	0.00	0.00	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	0.00	0.00
6	Closing Capital Cost	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Average Capital Cost	0.00	0.00	0.00	0.00	0.00	0.00	0.00

(Petitioner)

Reconciliation							Rs. in Lakh
Capital cost Incl.IDC,FC,FERV & Hedging Cost -Form	680296.43	708793.00	812500.65	840841.59	840841.59	840841.59	847521.85
Less: Undischarged Liability as per Form 16-Form9D(Exclusion undischarged liability	2,863.86	3,012.58	5,160.46	5,309.18	5,309.18	5,309.18	1,293.80
Less:Form9D(Exclusion)							5008.05
Capital Cost as per Form 1(I)	677432.57	705780.42	807340.19	835532.41	835532.41	835532.41	841220.00

PART-II
FORM- 1(II)

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

Statement showing Return on Equity at Normal Rate

Rs.in Lakh

S. No	Particulars	17.06.20 to 30.6.20	01.07.20 to 31.01.21	23.01.21-11.02.21	12.02.21 - 31.3.21	2021-22	2022-23	2023-24
1	2	3	4	6		7		
1	Gross Opening Equity (Normal)	204088.93	212637.90	243750.20	252252.48	252252.48	252252.48	252252.48
2	Less : Adjustment in Equity	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Adjustment during the year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Net Opening Equity (Normal)	204088.93	212637.90	243750.20	252252.48	252252.48	252252.48	252252.48
5	Add : Increase due to addition during the year / period	0.00	0.00	0.00	0.00	0.00	0.00	580.95
6	Less : Decrease due to de-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00	0.00	20.38
7	Less : Decrease due to reversal during the year / period	0.00	0.00	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	0.00	1225.71
9	Net closing Equity (Normal)	204088.93	212637.90	243750.20	252252.48	252252.48	252252.48	253958.76
10	Average Equity (Normal)	204088.93	212637.90	243750.20	252252.48	252252.48	252252.48	253105.62
11	Rate of ROE	19.99	19.99	19.99	19.99	19.99	19.99	19.99
12	Total ROE	1565.07	23877.00	2803.82	6832.26	50432.84	50432.84	50603.41

(Petitioner)

Statement showing Return on Equity at Weighted Average Rate of Interest on Actual Loan Portfolio

Rs.in Lakh

S. No	Particulars	17.06.20 to 30.6.20	01.07.20 to 19.01.21	20.01.21-11.02.21	12.02.21 - 31.3.21	2021-22	2022-23	2023-24
1	2	3	4	6		7		
1	Gross Opening Equity (pertaining to Proviso to Regulation 30(2))	NIL						
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 reversal during the year / period							
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 actual loan portfolio)							
12	Total ROE							

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 resolution, balance sheet/

(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 : KAMENG HYDRO POWER STATION

Year Ending March

	Particulars	Unit	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Installed Capacity	MW			4X150 = 600 MW			
2	Free power to home state	%	0%	0%	12%	12%	12%	12%
3	Free power under Local Area development Fund (LADF)		0%	0%	0%	0%	0%	0%
4	Date of commercial operation (actual/anticipated)							
	Unit - 1				17.06.2020	17.06.2020	17.06.2020	17.06.2020
	Unit - 2				01.07.2020	01.07.2020	01.07.2020	01.07.2020
	Unit - 3				22.01.2021	22.01.2021	22.01.2021	22.01.2021
	Unit - 4				12.02.2021	12.02.2021	12.02.2021	12.02.2021
5	Type of Station							
	a) Surface / underground				Semi Surface(Semi underground)	Semi Surface(Semi underground)	Semi Surface(Semi underground)	Semi Surface(Semi underground)
	b) Purely ROR / Pondage / Storage				ROR with Pondage	ROR with Pondage	ROR with Pondage	ROR with Pondage
	c) Peaking / non-peaking				Peaking	Peaking	Peaking	Peaking
	d) No. of hours of peaking				4(Four)	4(Four)	4(Four)	4(Four)
	e) Overload capacity (MW) & period				150MW	150MW	150MW	150MW
6	Type of excitation							
	a) Rotating exciters on generator				-----	-----	-----	-----
	b) Static excitation				Static	Static	Static	Static
7	Design Energy (Annual) [1]	GWh			3353MU	3353MU	3353MU	3353MU
8	Auxiliary Consumption including Transformation losses	%			1%	1%	1%	1%
9	Normative Plant Availability Factor (NAPAF)	%			New Station	New Station	New Station	New Station
9.1	Maintenance Spares for WC	% of O&M			New Station	New Station	New Station	New Station
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. Capitalisation							
9.5	Tax Rate [2]	%						
9.6	Effective Tax Rate [4]				17.472			
9.7	SBI Base Rate + 350 basis points as on_____ [3]	%			11.25%			

1. Month wise 10 - day Design energy figures to be given separately with the petition.
2. Tax rate applicable to the company for the year FY 2018 - 19 should also be furnished.
3. Mention relevant date
4. Effective tax rate is to be computed in accordance with Regulation 31 i.e. actual tax (or advance tax)/ gross income, where gross income refers the profit before tax.

(Petitioner)

Salient Features of Hydroelectric Project

Name of the Petitioner: M/s North Eastern Electric Power Corporation Limited
Name of the Generating Station: Kameng Hydro Power Station

1. Location	
State/Dist.	Arunachal Pradesh/ West Kameng District
River	Bichom & Tenga river
2. Diversion Tunnel	
Size, shape	8.0 m diameter, modified horse shape
Length (M)	368.32 m
3. Dam	
a) Bichom Dam	
Type	Concrete Gravity
Maximum dam height (M)	69.0 m
b) Tenga Dam	
Type	Concrete Gravity
Maximum dam height (M)	24.50 m
4. Spillway	
a) Bichom Dam	
Type	Ogee shaped concrete spillway with 6 nos. radial gates of size 9 m X 11.80 m
Crest level of spillway (M)	EL 735 m
b) Tenga Dam	
Type	Flat apron concrete spillway with 2 nos. radial gates of size 14 m X 14 m
Crest level of spillway (M)	EL 756 m
5. Reservoir	
a) Bichom Dam	
Full Reservoir Level (FRL) (M)	770 m (a.s.l)
Minimum Draw Down Level (MDDL) (M)	764.50 m (a.s.l)
Live storage (MCM)	5.718 MCM
b) Tenga Dam	
Full Reservoir Level (FRL) (M)	770 m (a.s.l)
Minimum Draw Down Level (MDDL) (M)	763 m (a.s.l)
Live storage (MCM)	0.5 MCM
6. De-silting Chamber	
Type	NA
Number and Size	NA
Particle size to be removed(mm)	NA
7. Head Race Tunnel	
Size and type	6.7 m dia. Modified Horse Shoe, Concrete lining
Length (M)	14.527 km
Design discharge(Cumecs)	140 cumec
8. Surge Shaft	
Type	Restricted orifice type surge shaft located at the end of Low Pressure Tunnel
Diameter (M)	25 m
Height (M)	71.35 m (including 9.35 m height of orifice)
9. Penstock/Pressure shafts	
Type	Combination of underground-overground-underground steel lined pressure tunnel
Diameter & Length (M)	1 no. of 5.3 m dia. of length 601.10 m taking off from surge tank, bifurcating into 3.75 m dia. (at valve house) of lengths 1415.813 m & 1415.487 m and then each bifurcating into 2.65 m dia. Of length 52.15 m each to feed units.
10. Power House	
Installed capacity (No of units x MW)	4 x 150 MW
Type of turbine	Francis Turbine
Rated Head(M)	492.75 m
Rated Discharge(Cumecs)	140 cumec (35 cumec per unit)
Head at Full Reservoir Level (M)	536.00 m
Head at Minimum Draw down Level (M)	530.50 m
MW Capability at FRL	600 MW
MW Capability at MDDL	168.66 MW
11. Tail Race Tunnel/Channel	
Diameter (M) , shape	Open Channel with width 65 m
Length (M)	49.50 m
Minimum tail water level (M)	233.59 m
12. Switchyard	
Type of Switch gear	SF6 type Circuit Breakers and combination of Pantograph & Horizontal Circuit Breaker (HCB) Isolators
No. of generator bays	4 Nos
No. of Bus coupler bays	1 No
No. of line bays	2 Nos
Efficiency (overall) Turbine and Generator	92.98%

Note: Specify limitation on generation during specific time period(s) on account of restrictions on water use due to irrigation, drinking water, industrial, environmental considerations etc.

(Petitioner)

PART - I
FORM - 4

Details of Foreign Loans

(Details only in respect of loans applicable to the project under petition)

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION
Exchange Rate at COD or 31.03.2004, whichever is later _____
Exchange Rate as on 31.03.2014 _____

Sl	Financila Year (Starting from	Year 1				Year 2				Year 3 and so on			
	1	2	3	4	5	6	7	8	9	10	11	12	13
		Date	*Amount (Foreign Currency)*	*Relevant Exchange Rate*	*Amount (' inLakh)*	*Date*	*Amount (Foreign Currency)*	*Relevant Exchange Rate*	*Amount (' inLakh)*	*Date*	*Amount (Foreign Currency)*	*Relevant Exchange Rate*	*Amount (' inLakh)*
	Currency1[1]												
A.1	At the date of Drawal or at the beginning to the year of the period[2]												
2	Scheduled repyment date of principal												
3	Scheduled repyment date of interest												
4	At the end of the Financial Year												
B	In case of Hedging[3]												
1	At the date of Hedging												
2	Period of Hedging												
3	Cost of Hedging												
	Currency3[1] and so on												
A. 1	At the date of Drawl[2]												
2	Scheduled repyment date of principal												
3	Scheduled repyment date of interest												
4	At the end of the Financial Year												
B	In case of Hedging[3]												
1	At the date of Hedging												
2	Period of Hedging												
3	Cost of Hedging												

Not applicable

1. Name of the currency to be mentioned e.g. US$, DM,etc
2. In case of more than one drawl during the year, Exchange rate at the date of each drawl to be given
3. Furnish details of hedging, in case of more than one hedging during the year or part hedging, details of each hedging are to be given
4. Tax (such as withholding tax) details as applicable including change in rates, date from which change effective etc. must be clearly indicated.

Details of Foreign Equity

(Details only in respect of Equity Infusion if any applicable to the project under petition)

PART-II
FORM- 6A

Name of the Petitioner: NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station: KAMENG HYDRO POWER STATION
Exchange Rate on dateils of infusion

S. No.	Financial Year	Year 1				Year 2				Year 3 and so on			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
		Date	Amount (Foreign Currency)	Relevant Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foreign Currency)	Relevant Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foreign Currency)	Relevant Exchange Rate	Amount (Rs. Lakh)
	Currency1[1]												
A.1	At the date of infusion[2]												
2													
3													
	Currency2[1]												
A.1	At the date of infusion[2]												
2													
3													
	Currency3[1]												
A.1	At the date of infusion[2]						NOT APPLICABLE						
2													
3													
	Currency4[1] and so on												
A.1	At the date of infusion[2]												
2													
3													

1. Name of the currency to be mentioned e.g. US$, DM, etc.

(Petitioner)

PART - II
FORM - 5

Abstract of Admitted Capital Cost for the existing Projects

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION

Rs. In Lakhs

	Capital Cost as admitted by CERC	
a)	Capital Cost admitted as on _____	Not applicable
	(Give reference of the relevant CERC Order with Petition No. & Date)	
b)	Foreign Component, if any (In Million US $ or the relevant Currency)	
c)	Foreign Exchange rate considered for the admitted Capital cost (Rs Lakh)	
d)	Total Foreign Component (Rs. Lakh)	
e)	Domestic Component (Rs. lakh)	
f)	Hedging cost, if any, considered for the admitted Capital cost (Rs Lakh)	
	Total Capital cost admitted (Rs. Lakh) (d+e+f)	

(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 : KAMENG HYDRO POWER STATION

(Amount in Rs Lakh)

Sl. no. (1)	Break Down (2)	Original Cost as approved by Authority/ Investment Approval (3)	2020-21			2021-22	2022-23	2023-24	2024-25				2025-26				2026-27				Reasons for Variation (22)
			Actual Capital Expenditure for (UNIT-4 as on 31.08.2020) (4)	Actual Capital Expenditure for (UNIT-B as on 31.07.2020) (5)	Actual Capital Expenditure for (ULH Base on 30.09.2020) (6)	Actual Capital Expenditure for (UNIT-4/UNIT-B as on 31.03.2021) (7)	Actual Capital Expenditure as on 31.03.2022 (8)	Actual Capital Expenditure as on 31.03.2023 (9)	Anticipated Expenditure as on 31.03.2024 (10)	Liabilities/ Provisions (11) - (UNIT-I	Liabilities/ Provisions (12) - (UNIT-II	Liabilities/ Provisions (13) - (UNIT-III	Liabilities/ Provisions (14) - (UNIT-IV	Liabilities/ Provisions (15)	Liabilities/ Provisions (16)	Liabilities/ Provisions (17)	Variation (17=4-5-6-7-11-12-13-14-15-16)	Variation (18=4-5-6-7)	Variation (19=11-12-13-14)	Variation (20=17-18-19)	Variation (21=4-5-6-7)	Variation (22=5-6-7)	Variation (23=6-7-16)	
1.0	Infrastructure Works																				
1.1	Preliminary including Development	1008.00	16.65	96.65	16.65	96.65	96.65	96.65	96.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1501.13	1501.13	1501.13	1501.13	1501.13	1501.13	1501.13	
1.2	Land (FOREST LAND RIGHT TO USE)	511.00	1307.37	1307.37	1307.37	1307.37	1307.37	1307.37	1307.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(3218.34)	(3218.34)	(3218.34)	(3218.34)	(3218.34)	(3218.34)	(3218.34)	(5290.99)
1.3	R&R expenditure (Land)		3871.48	3871.48	3871.48	3871.48	3871.48	3871.48	3871.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
1.4	Buildings	8093.75	5215.83	5215.83	5215.83	5215.83	5215.83	5215.83	5215.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(810.00)	(810.00)	(810.00)	(810.00)	(810.00)	(810.00)	(810.00)	(1073.75)
1.5	Township		2365.92	2365.92	2365.92	2365.92	2365.92	2365.92	2365.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.38							
1.6	Miscellaneous	1431.01	1475.17	3475.17	3475.17	3475.17	3475.17	3475.17	3475.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2044.16	2044.16	2044.16	2044.16	2044.16	2044.16	2044.16	2044.16
1.7	Roads & Plains	1783.91	1517.20	1517.20	1517.20	1517.20	1517.20	1517.20	1517.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	355.58	355.58	355.58	355.58	355.58	355.58	355.58	148.67
1.8	Communication	2310.84	19395.26	19395.40	21,962.66	22138.82	22138.82	22138.82	22138.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3736.74	3736.74	3736.74	3736.74	3736.74	3736.74	3736.74	3736.74
1.9	Environment & Ecology	6723.5	12018.32	12064.37	12012.32	12038.32	12038.32	12038.32	12038.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4247.37	4247.37	4247.37	4247.37	4247.37	4247.37	4247.37	4247.37
1.10	Losses on stock	357.75								0.00	0.00	0.00	0.00	0.00	0.00	0.00	357.75	357.75	357.75	357.75	357.75	357.75	357.75	357.75
1.11	Receipt & Recoveries	-3057.97								0.00	0.00	0.00	0.00	0.00	0.00	0.00	(3057.97)	(3057.97)	(3057.97)	(3057.97)	(3057.97)	(3057.97)	(3057.97)	(3057.97)
1.12	Miscellaneous	2324.00	3960.39	3960.39	3960.39	3960.39	3960.39	3960.39	3960.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(368.39)	(368.39)	(368.39)	(368.39)	(368.39)	(368.39)	(368.39)	(368.39)
1.13	Total (Infrastructure Works)	44415.31	32994.32	33237.18	36407.99	37073.57	37073.57	37073.57	36994.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3674.90	3917.76	(12238.08)	(12494.26)	(13494.26)	(13494.26)	(14133.83)	
2.0	Major Civil Works																				
2.1	Dam, Intake & Desilting Chambers	45207.83	257673.22	257673.22	269811.34	269811.34	269811.34	269811.34	269915.28	2703.04	2703.04	4702.20	4702.20	4702.20	4702.20	4702.20	765.89	(195008.83)	(195008.83)	(235205.91)	(235205.91)	(235205.91)	(235205.91)	(235311.83)
2.2	HRT, TRT, Surge Shaft & Pressure shafts	56750.33	33403.13	33403.13	33403.13	33403.13	33403.13	33403.13	33403.13	13.10	13.10	13.10	13.10	13.10	13.10	13.10		40345.13	40345.13	40345.13	40345.13	40345.13	40345.13	40345.13
2.3	Power Plant civil works																				
2.4	Other civil works (to be specified)																				
2.5	Total (Major Civil Works)	114957.36	295075.35	295075.35	303214.47	303214.47	303214.47	303214.47	303318.41	2716.14	2716.14	4715.30	4715.30	4715.30	4715.30	4715.30	715.89	(148721.53)	(148721.53)	(152961.63)	(152961.63)	(152961.63)	(152961.63)	(179966.43)
3.0	Hydro Mechanical Equipments																				
3.1	Plant & Equipment	98621.00	55584.57	48824.38	63644.09	76312.94	76312.94	76312.94	82258.01	148.72	297.44	446.16	594.88	594.88	594.88	594.88	527.31	21275.84	7705.13	(7166.31)	(15985.89)	(15985.89)	(15985.89)	(25843.80)
3.2	Initial spares of Plant & Equipment																				
3.3	Total (Plant & Equipment)	98621.00	55584.57	48824.38	63644.09	76312.94	76312.94	76312.94	82258.01	148.72	297.44	446.16	594.88	594.88	594.88	594.88	527.31	21275.84	7705.13	(7166.31)	(15985.89)	(15985.89)	(15985.89)	(25843.80)
4.0	Taxes and Duties																				
4.1	Custom Duty																				
4.2	Other Taxes & Duties																				
4.3	Total Taxes & Duties																				
5.0	Construction & Pre-Commissioning Expenses																				
5.1	Erection, testing & commissioning																				
5.2	Construction insurance																				
5.3	Site supervision																				
5.4	Total (Const. & Pre-Commissioning Expenses)																				
7.0	Overheads																				
7.1	Establishment	9271.00	113424.25	117151.14	134823.45	139696.34	139696.34	139696.34	139696.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(10260.10)	(10779.19)	(12467.30)	(13934.39)	(13934.39)	(13934.39)	(13934.39)	(13934.39)
7.2	Design & Engineering																				
7.3	Audit & Accounts																				
7.4	Contingency																				
7.5	Total (Overheads)	9271.00	113424.25	117151.14	134823.45	139696.34	139696.34	139696.34	139696.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(10260.10)	(10779.19)	(12467.30)	(13934.39)	(13934.39)	(13934.39)	(13934.39)	(13934.39)
8.0	Capital cost without IDC, FC, FERV & Hedging Cost																				
9.0	IDC, FC, FERV & Hedging Cost																				
9.1	Interest During Construction (IDC)	24859.00	221107.17	250404.26	285160.64	274744.28	274744.28	274744.28	274744.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(19618.17)	(23490.26)	(24227.64)	(24805.28)	(24805.28)	(24805.28)	(24805.28)	(24805.28)
9.2	Financing Charges (FC)																			0.00	0.00	0.00	0.00	
9.3	Foreign Exchange Rate Variation (FERV)																			0.00	0.00	0.00	0.00	
9.4	Hedging Cost																							
9.5	Total of IDC, FC, FERV & Hedging Cost	24859.00	221107.17	250404.26	285160.64	274744.28	274744.28	274744.28	274744.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(19618.17)	(23490.26)	(24227.64)	(24805.28)	(24805.28)	(24805.28)	(24805.28)	(24805.28)
10.0	Capital cost including IDC, FC, FERV & Hedging Cost	248880.74	880295.40	716750.30	913555.03	940847.59	940847.59	940847.59	947727.83	2863.86	3012.58	5161.46	5310.18	5310.18	5310.18	1251.89	(23244.19)	(26707.45)	(36695.01)	(38739.67)	(39739.67)	(39739.67)	(39937.83)	

* Provide details of Freehold land, Lease hold 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 / anticipated COD, increase in IEDC from scheduled COD to actual COD/anticipated COD and increase of IDC from scheduled COD to actual/anticipated 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.

Enclosed in Annexure-I

*Details of Land	Unit-I&II in Ha
FOREST LAND RIGHT TO USE	1218.97
FOREST LAND R&R EXPENDITURE	3871.48
FREEHOLD LAND	441.28
TOTAL	5531.73

DWP		EDC-UNIT-III		
PS	29486.77	PS	33403952/3.00	33403.95
PS-PROPOSED ASSETS-AS PER ADV.	1070.00	PS-PROPOSED AS	2152/2006	2152.38
PS-AS PER TB(01.10.20 TO 30.11.20)	192.03	PS-PROPOSED AS	42855032	426.55
TUNNEL-PROPOSED ASSETS	77.44			36072.59
RESERVOIR & DAM-PROPOSED ASSETS	1107.03			
	30862.27			
POWER HOUSE – CIVIL -PROPOSED ASSETS	56.03			
TRANS.-III	2533.27	TRANS.-III	2733/2777.00	2732.75
TRANS.-III-PROPOSED ASSETS-AS PER ADV	189.09	TRANS.-III-PRPO	3818/108.00	38.19
		TRANS.-III-PRPO	1928/627.00	192.88
PM-III	1013.45	PM-III	1200879/41.00	13008.77
PM-III-AS PER ADV	484.14	PM-III-PROPOSE	1540/052.00	104.01
PM-III-AS PER TB AS PER TB(01.10.20 TO 30.11.20)	45.25	PM-III-PROPOSE	7770/207.00	777.03
400/220/132 KV SWITCH YARD-UNIT-PROPOSED ASS	29.56			15923.38
	13008.77		TOTAL	51999.97

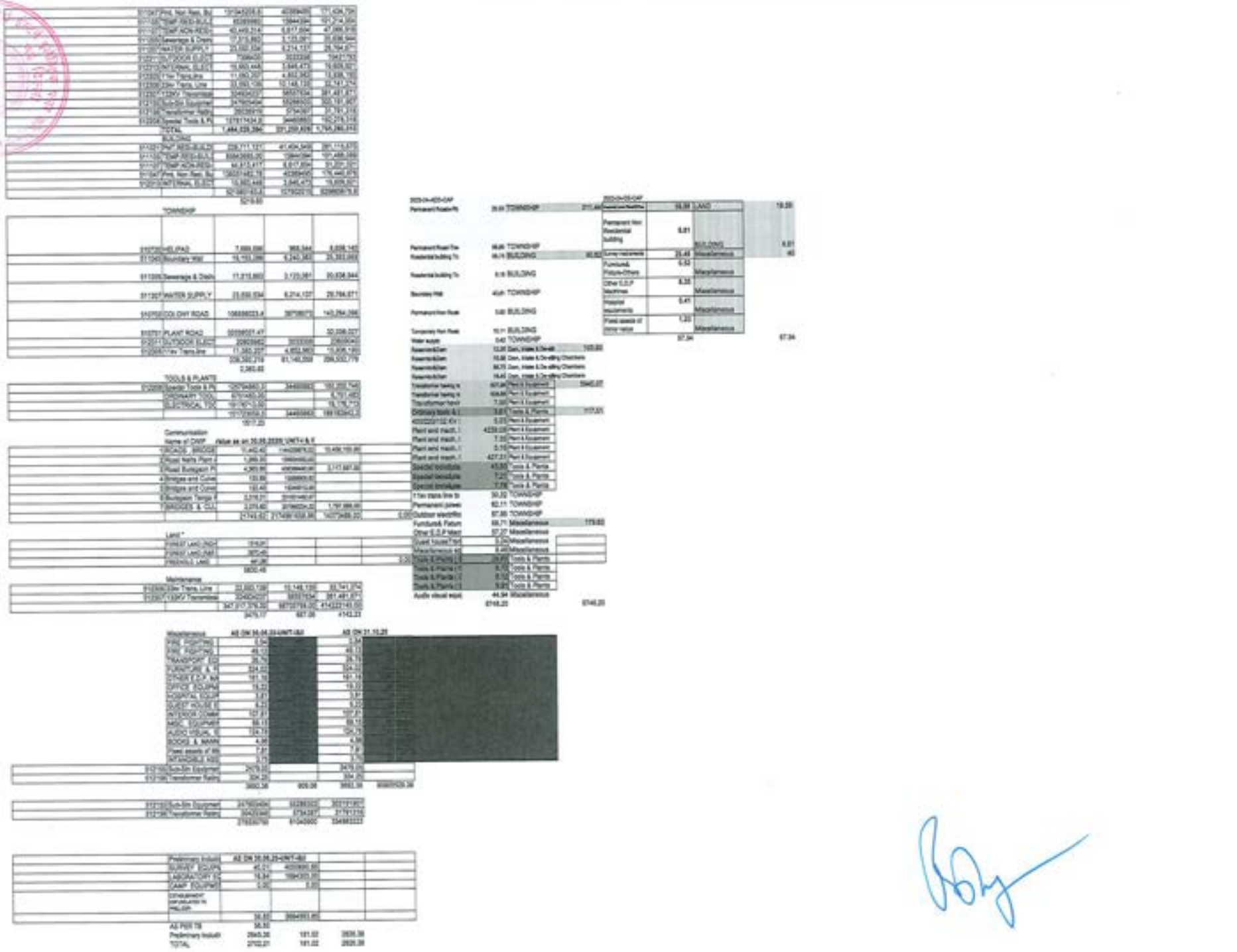
DWP		IEDC-UNIT-IV	
TRANS.-IV	250811359	2508.11	25146373
AAS.-IV-PROPOSED	15942095.94	159.42	3625560
		0.00	10036222
PM-IV	8986823991.8	8986.33	1024934378
PM-III-PROPOSED	3473105.502	34.73	13072818
PM-III-PROPOSED	4000073540	400.01	98668818
		12020.59	

2574.81
36.27
163.08
10249.39
133.73
669.66
14357.93

AS ON 30.09.2020-UNIT-I&II

		DWP	IEDC	TOTAL
	TOTAL(COLONY ROAD	9504958.35	3873803.0	13,778,723
	TOTAL(RD_PAD	1,991,710	3853,1001	5,845,702
	TOTAL(PWP RED-III,IV,V)	202,111,119	471,604,3401	273,581,468
	TOTAL(Boundary Wall	16,153,3961	6,340,3800	26,561,466

Petitioner



INTEGRATED CAPITAL ASSETS(UNIT WISE) AS ON 31.10.20					
		Preliminary Value	181.07 As per RCE		
		34513 SHIFT_PKG V	13229900 AS PER ADJ SCPM		
		34513 SHIFT_PKG V	3799480.00	PM	
		SHIFT_PKG V/S	3734740.00	TRANSF	
		34513 SHIFT_PKG V	1249500.00	PM	
		34513 SHIFT_CIVIL&Rail	32767410 AS PER ADVANCE SCHEDULE		
		34513 SHIFT_PKG V	1442287.00	PE	
		PKG-I	80426.51.00	RES	
		PKG-II	3413295.75.00	PH	
		34513 SHIFT_PKG V	1248853.00	PT	
		PKG-I	1624500.00	RES	
		PKG-II	7744387.00	TRANS	
		PKG-III	4389917.00	PH	
		34513 SHIFT_PKG V	1217400.00	RES	
		SUB-TOTAL	39990.80.77		
INTEGRATED CAPITAL ASSETS FOR UNIT-III & IV					
Preliminary Including Development		181.07 As per RCE			
R&R		207.87 AS PER ADVANCE SCHEDULE			
Dam, Intake & Desilting Chambers		2338.21.629.00			
HRT, TRT, Surge Shaft & Pressure shafts		0.00			
Power Plant civil works		0.00			
Plant & Equipment		1242.629.00			
TOTAL		3990.80.77			

DETAILS OF ASSETS UNDER CAPITAL WORK IN PROGRESS TO BE CAPITALISED VALUE FOR UNIT-I, UNIT-II,UNIT-III & UNIT-IV

Sl No	Code No.	CWIP to be Capitalised	CWIP Value as on 15.06.2020	Value of Enabling Assets to be Apportioned (As on 15.06.2020)	TOTAL CWIP (1+2)As on 15.06.2020)	
A		PLANT ASSETS	1	2	3	
1	52001	POWER HOUSE – CIVIL	21214.6438.00	1342.6837.00	22557.3275.00	
2	52160	ACCESS ROAD & DAM	76332.8768.00	4874.1.954.00	81207.0722.00	
3	52180	Diversion Tunnel	6343.6041.00	3960.577.00	6644.5618.00	
4	52180	TUNNEL	36305.6344.00	8147.9452.00	12454.0297.00	
5	53187	STEEL LINER & PENSTOCK(SHAFT	4453.4677.00	2645.9452.00	4727.1275.00	
		STEEL LINER & PENSTOCK(SHAFT	2214.1.700.00	1798.6317.00	3917.3760.00	772.00
6	53188	TRANSFORMER(UNIT-I)	277.600.00	177.1828.00	3927.1.28.00	
		TRANSFORMER(UNIT-II)	3053.1.006.00	1.9.6.6.2.00	3.20.1.672.00	
		TRANSFORMER(UNIT-III)	2437.4.6.00	1734.9.00.00	3.004.975.00	672.00
		TRANSFORMER(UNIT-IV)	2453.0.0.00	1.07.3.6.00	2.6.0.9.0.27.00	674.00
7	53189	400/220/132 KV SWITCH YARD	966.1.12.129.00	6.1.6.6.4.00	1.0.0.9.7.61.4.00	
8	53190	PLANT & MACHINERY IN GENERATING STATION-I	1.6.6.4.1.167.00	1.0.6.7.4.9.6.00	2.1.7.6.6.6.6.00	
		PLANT & MACHINERY IN GENERATING STATION-II	6.7.6.6.1.6.0.00	1.0.1.7.0.6.6.0.00	6.0.1.3.4.6.6.00	
		PLANT & MACHINERY IN GENERATING STATION-III	1.0.1.0.1.4.6.7.6.00	6.4.6.6.7.6.1.00	1.0.7.4.6.2.7.6.00	2.6.7.0.0
		PLANT & MACHINERY IN GENERATING STATION-IV	6.7.0.6.1.2.7.1.00	1.0.1.7.0.6.1.0.00	6.0.1.3.4.6.6.1.00	2.6.7.0.1
		TOTAL	3.4.0.7.3.4.6.1.6.7.6	2.1.4.6.1.6.1.6.3.4.6	5.5.4.0.1.7.7.6.7.4.7	7.4.0.7.4.6.9.00

Details of Enabling CWIP to be Apportioned in Plant Assets

Sl No.	CODE	Name of CWIP	Value as on 15.06.2020
1	53070	ROADS, BRIDGES AND CULVERT	1.1.1.4.2.6.0.71.00
2	53170	Road Nafra Plant Area	1.2.6.2.4.4.0.1.00
3	53736	Road Sungaon Plant Area	4.6.6.6.4.4.0.1.00
4	53070	Bridges and Culvert Nafra Plant Area	1.0.6.6.6.6.1.00
5	53736	Bridges and Culvert Sungaon Plant Area	1.2.4.6.1.2.00
6	53720	Sungaon Tenga Road,BOC	2.1.6.1.4.6.0.1.00
7	53071	BRIDGES & CULVERTS	2.0.7.6.6.0.4.71.00
8	53191	Environment & Ecology	
		TOTAL	2.1.4.4.1.1.6.6.3.4.6

Details of Enabling CWIP to be Apportioned in Plant Assets(Unit-III &IV)

Sl No.	CODE	Name of CWIP	Value for unit-III & IV
1	53071	ROADS, BRIDGES AND CULVERT	15.406.105.00
2	53736	Road Sungaon Plant Area	2.1.7.6.6.7.00
3	53071	Bridges & culvert	1.7.0.7.6.6.00





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 : KAMENG HYDRO POWER STATION

New Projects
Capital Cost Estimates

					Remarks
Board of Director/Agency approving the Capital cost estimates:	Ministry of Power(MoP),Govt of India.				
Date of Approval of the Capital cost estimates	12/2/2004				
	Present Day Cost (in Rs. Lakh)	**Present Day Cost (in Rs. Lakh)**	**Present Day Cost (in Rs. Lakh)**	**Completed Cost (in Rs.Lakh)**	
Price level of approved estimates	Projected analysis as on 17.06.2020 -UNIT-I	Projected analysis as on 17.07.2020 -UNIT-II	Projected analysis as on 22.01.2021 -UNIT-III	Projected analysis as on 12.02.2021 -UNIT-IV	
March 2004 for Rs.349690.43 Lakh	680296.43	708793.00	812500.65	840841.59	
Foreign Exchange rate considered for the Capital cost estimates	NIL				
Capital Cost excluding IDC, IEDC & FC					
Foreign component, if any (In Million US$ or the relevant Currency)					
Domestic Component (Rs. Lakh)					
Capital cost excluding IDC, IEDC FC, FERV & Hedging Cost (Rs. Lakh)	346765.22	361237.80	412516.55	426400.99	
IDC, IEDC, FC, FERV & Hedging Cost					
Foreign component, if any (In Million US$ or the relevant Currency)					
Domestic Component (Rs. Lakh)					
Total IDC, IEDC, FC, FERV & Hedging Cost (Rs. Lakh)	333531.21	347555.20	399984.10	414440.60	
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)					
Capital cost Including IDC, IEDC & FC (Rs. Lakh)	680296.43	708793.00	812500.65	840841.59	
Schedule of Commissioning as per investment approval					
Scheduled COD of Unit - I	Wednesday, June 17, 2020				
Scheduled COD of Unit - II		Wednesday, July 1, 2020			
Scheduled COD of Unit-III			Friday, January 22, 2021		
Scheduled COD of Unit-IV				Friday, February 12, 2021	
Scheduled COD of last Unit / Station					

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)

PART-II
FORM-5C

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

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION

(Amount in Rs.Lakh)

Sl. No. (1)	Break Down (2)	Original Cost as approved by Authority / Investment Approval (1)	Cost on Actual / anticipated COD (1)	Variation	Reasons for Variation *
		Total Cost	Total Cost	(3)	(4)
1	Preliminary (Annexure - I) (a:-Consultancy * b:- Model Test + c:- Construction Power(i):- Construction Power arrangement	9,548.21	76312.94	-19,391.01	The increase is mainly due to changes in capacity / specification during detail design and engineering. Penstock Butterfly valve and Shunt Reactor have been introduced as per design requirement. Besides, expenditure towards Price Escalation also resulted in the increase in cost. Further, NPV of Rs 1.46 crore was paid towards forest land diverted by MOEF, GOI for laying 132 kv Tenga-Buragaon-Bichom Transmission Line.
	c:- Construction Power(ii):- Power Supply				
	Total Preliminary				
2	Generating Plant & Equipment				
	Generator, Turbine & Accessories (Annexure-II)	27,237.87			
	Auxiliary Electrical Equipment for Power Station (Annexure - III)	6,366.27			
	Auxiliary Equipment & Services for Power Station (Annexure - IV)	1,461.11			
	Central Sales Tax @ 4% on 2 [a], [b] & [c]	1,402.61			
	Entry Tax @ 4% (New Tax at Ar. Pradesh)	-			
	Transportation, Handling & Insurance Charges	2,103.92			
	Erection & Commissioning Charges	2,805.22			
	(Total Generating Plant & Equipment)	41,377.00			
3	Switchyard				
	Substation Equipment & Auxiliary Equipment & Services for Switchyard	2,358.90			
	Central Sales Tax @ 4% on 3 [a]	94.36			
	Entry Tax @ 4% (New Tax at Ar. Pradesh)	-			
	Transportation, Handling & Insurance Charges	141.53			
	Erection & Commissioning Charges	188.71			
	(Total Substation Equipment & Auxiliary Equipment & Services for SY	2,783.49			
4	Total (Item 1 + 2 + 3)	53,708.71			
5	Establishment @ 6% of Item 4 (Excluding Preliminary)	2,649.63			
6	Audit & Accounts Charges @ 1% of 4 & 5 above	563.58			
7	Service Tax on E&C				
	GRAND TOTAL	**56,921.93**	76312.94	-19391.01	

Note:
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.

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 Stz KAMENG HYDRO POWER STATION

1	Name/No. of Construction/Supply/ Service Package	Package I	Package II	Package III	Package IV	Package V	Package VI	Package VII	Total Cost of all packages
2	Scope of works[1] (in line with head of cost break-ups as applicable)	Consists of Bichom Dam, HR Tunnel of length 4.40 Km	Consists of Tenga Dam, HR Tunnel of length 7.20 Km	Consists of Power House, HR Tunnel of length 2.90 Km, Pressure Tunnel of 3.6 Km	Design, Manufacture, Supply, Testing & Erection of all the gates required to control the water at Bichom Dam, Tenga Dam & Power house and steel penstocks for the High Pressure Tunnel (HPT)	Supply, fabrication & erection of Turbine, Generator etc awarded to M/s BHEL required for power	Supply & Erection of Switch yard	Supply and erection of Transformer	
3	Whether awarded through ICB/DCB/Departmentally/Deposit Work	Available with C&P Wing,Shillong							
4	No. of bids received								
5	Date of Award	3.12.2004	3.12.2004	3.12.2004	3.12.2004	3.12.2004	6.1.2009	28.3.2008	
6	Date of Start of work	3.12.2004	3.12.2004	3.12.2004	3.12.2004	3.12.2004	6.1.2009	28.3.2008	
7	Date of Completion of Work/Expected date of completion of work	18.03.2020	30.05.2019	30.10.2019	10.03.2018	13.03.2018	28.02.2018	13.03.2018	
8	Value of Award[2] in (Rs. Lakh)	14381.03	11639.66	13165.12	23623.29	28159.55	5479.97	6480.59	
9	Firm or With Escalation in prices	With Escalation	With Escalation	With Escalation	With Escalation	With Escalation	With Escalation	With Escalation	
10	As per project expenditure up to 31.03.2024(Rs.Lakh)	449524.00				123253.59			**572777.59**
11	Taxes & Duties and IEDC (Rs. Lakh)	Inclusive with the Package cost							
12	IDC, FC, FERV & Hedging cost (Rs. Lakh)	274744.26							274744.26
13	Sub-total (10 + 11 + 12) (Rs. Lakh)	847521.85							847521.85

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)

In case there is cost over run

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION

Sl. No.	Break Down	Original Cost (Rs. Lakh) as approved by the	Cost (Rs. Lakh)-as on 17.06.20-UNIT-I	Cost (Rs. Lakh)-as on 01.07.20-UNIT- II	Cost (Rs. Lakh)-as on 22.01.21-UNIT-III	Cost (Rs. Lakh)-as on 12.02.21-UNIT-IV	Difference	Reason 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	Total Cost	Total Cost	Total Cost		
1	Infrastructure Works								
1.1	Preliminary including Development	1558	56.85	56.85	56.85	56.85	1501.15	The increase is mainly due to the cost of design consultancy services for providing detailed design and engineering for different structures of the projects. The cost for the services was finalized based on the International Competitive Bidding.	
1.2	Land* (FOREST LAND (RIGHT TO USE)	509.06	1957.97	1957.97	1957.97	1957.97	-1448.91	Increase due to acquisition of additional quarry land.	
1.3	R&R expenditure (Land)	2.86	3872.49	3872.49	3872.49	3872.49	-3869.63	The increase is due to increase in cost of R&R works.	
1.4	Buildings	6993.75	7603.75	7603.75	7603.75	7603.75	-610.00	The main reason explaining the increase in the cost is the lesser plinth area rate taken in the sanctioned cost as compared to the rate of execution. This increase is due to considerable increase in the cost of building material and labour during execution of project. Further the increase is also inclusion of new items at project site like building for communication facilities, Megazine and field hostel/office at Guwahati.	
1.5	Miscellaneous	3324	3692.36	3692.36	3692.36	3692.36	-368.36	The expenditure under this head covered the capital cost and maintenance of miscellaneous works such as running and maintenance of vehicles, offices, water supply, colony etc.	
1.6	Maintenance	1431.01	3475.17	3475.17	3475.17	3475.17	-2044.16		
1.7	(i) Tools & Plants	1566.26	1517.23	1517.23	1517.23	1517.23	265.58	The increase which is mainly due to inadequate provision of equipment in original estimate.	
	(ii) Special T&P	216.55							
1.8	Communication	22038.94	18300.25	19096.40	21968.88	22758.82	-719.88	The increase under this head is mainly due to the increase in cost of material and labour during execution of project. Further there is increase in cost in deposit work awarded to BRTF against construction of bridges & roads and their improvement at an amount higher than the amount approved by CCEA Further there is increase in cost for improvement of existing road and other approach roads, culvert etc.	
1.9	Environment & Ecology	6553.49	10518.22	10964.87	12513.28	12938.92	-6385.43	The increase was mainly due to revision of cost of implementation of CAT Plan from by GoAP as per prevailing cost norms and approved cost index.	
1.1	Plantation	170	0				170	Due to inadequate provision in the DPR	
1.11	Losses on stock								
1.12	Receipt & Recoveries								
1.13	Total (Infrastructure works)	44364.36	50994.30	52237.10	56657.99	57873.57	-13509.65		
2	Major Civil Works								
2.1	Dam, Intake & De-silting Chambers								
2.1.1	HRT, TRT, Surge Shaft & Pressure shafts	45445.62	237673.22	237673.22	269811.34	269811.34	-224365.72	There is increase in cost due to execution of new items like construction sluices in Bichom Dam, Tenga Drop Shaft and extra works including transportation of quarry materials from Government designated quarries, due to poor geology encountered in tunnel excavation. Rocks encountered during tunnel excavation was mostly of Class-IV type for which preventive measures such as advanced ground stabilization method, PU/micro fine cement grouting etc. were resorted to. Extra work items were executed to restore the damaged work fronts due to collapses/flooding	
2.1.4	Total	45445.62	237673.22	237673.22	269811.34	269811.34	-224365.72		

Sl. No.	Break Down	Original Cost (Rs. Lakh) as approved by the	Cost (Rs. Lakh)-as on 17.06.20-UNIT-I	Cost (Rs. Lakh)-as on 01.07.20-UNIT- II	Cost (Rs. Lakh)-as on 22.01.21-UNIT-III	Cost (Rs. Lakh)-as on 12.02.21-UNIT-IV	Difference	Reason 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	Total Cost	Total Cost	Total Cost		
2.2	Power Plant civil works	68622.2	22403.13	22403.13	22403.13	22403.13	46219.07	The increase is mainly Due to re-engineering by NEEPCO as per site requirement, there was increase in quantity of excavation of power house. Due to poor geology, power house location was shifted by 2000 m downstream, penstock profile changed from fully underground to partly underground and partly over ground and Tail Race Tunnel changed to Tail Race Channel. Additional work like micro piling, flood protection wall, cladding wall have been introduced in Power House. Expenditure under factors like Price Escalation & Statutory Levies have also resulted in the increase in cost under this head.	
2.2.5	Total	68760.33	22403.13	22403.13	22403.13	22403.13	46219.07		
2.5	Total (Major Civil Works) (2.1.4+2.2.5)	114067.82	260076.35	260076.35	292214.47	292214.47	-178146.65		
3	Hydro Mechanical equipments								
4	Plant & Equipment								
4.1	Supply, fabrication & erection of Turbine, Generator etc, Supply & Erection of Switch yard and Supply and erection of Transformer							The increase is mainly due to changes in capacity / specification during detail design and engineering. Penstock Butterfly valve and Shunt Reactor have been introduced as per design requirement. Besides, expenditure towards Price Escalation also resulted in the increase in cost. Further, NPV of Rs 1.46 crore was paid towards forest land diverted by MOEF, GOI for laying 132 kv Tenga-Buragaon-Bichom Transmission Line. However, there is decrease in cost due to waive off of Excise Duty for Kameng HEP as per the relevant guidelines of Govt. of India.	
4.1.1	Preliminary	56921.92	35694.57	48924.36	63644.08	76312.94	-19391.02		
4.1.2	Generating Plant & Equipment								
4.1.3	Switchyard								
4.1.4	Others like Estt ,Audit charge etc.								
4.2	Total (Plant & Equipment)	56921.93	35694.57	48924.36	63644.08	76312.94	-19391.02		
5	Taxes and Duties								
5.1	Custom Duty								
5.2	Other taxes & Duties								
5.3	Total Taxes & Duties								

Sl. No.	Break Down	Original Cost (Rs. Lakh) as approved by the Board of Members	Cost (Rs. Lakh)-as on 17.06.20-UNIT-I	Cost (Rs. Lakh)-as on 01.07.20-UNIT- II	Cost (Rs. Lakh)-as on 22.01.21-UNIT-III	Cost (Rs. Lakh)-as on 12.02.21-UNIT-IV	Difference	Reason 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	Total Cost	Total Cost	Total Cost		
6	Construction & Pre-commissioning expenses								
6.1	Erection, testing & commissioning								
6.2	Construction Insurance								
6.3	Site supervision								
6.4	Total (Const. & Pre-commissioning)								
7	Overheads								
7.1	Establishment	9427.32	112424.05	117151.14	134823.45	139696.34	-130269.02	The increase in salary and wage revision w.e.f 01.01.1997 which was implemented in October, 2003 & September, 2006 had also contributed to increase in establishment cost. Additional expenditure has been incurred due to extended period of project execution	
7.2	Design & Engineering								
7.3	Audit & Accounts								
7.4	Contingency								
7.5	Rehabilitation & Resettlement								
7.6	Total (Overheads)	9427.32	112424.05	117151.14	134823.45	139696.34	-130269.02		
8	Capital Cost without IDC, FC, FERV & Hedging Cost								
9	IDC, FC, FERV & Hedging Cost								
9.1	Interest During Construction (IDC)	24909.00	221107.17	230404.06	265160.64	274744.26	-249835.26	This is due to increase in Principal amount/Capital cost and rescheduling of the commissioning of the Project. NEEPCO informed the Committee that the entire increase in cost of IDC & IC has occurred beyond the approved time cycle of the project.	
9.2	Financing Charges (FC)								
9.3	Foreign Exchange Rate Variation (FERV)								
9.4	Hedging Cost								
9.5	Total of IDC, FC, FERV & Hedging Cost	24909.00	221107.17	230404.06	265160.64	274744.26	-249835.26		
10	Capital cost including IDC, FC, FERV & Hedging Cost	249690.43	680296.43	708793.00	812500.65	840841.59	-591151.16		

*** Submit details of Freehold and Lease hold land.**

Note: Impact on account of each reason for Cost overrun should be quantified and substantiated with necessary documents and supporting workings.

*Details of Land:	Unit-I,II,III & IV
FOREST LAND (RIGHT TO USE)	1516.91
FOREST LAND (R&R EXPENDITURE)	3872.49
FREEHOLD LAND	441.06
TOTAL	5830.46

(Petitioner)

PART-II
FORM-5EII

In case there is time over run

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION

S. No.	Description of Activity/Works/Service	Original Schedule (As per Planning)		Actual Schedule (As per Actual)		Time Over-Run	Reasons for delay	Other Activity affected (Mention Sr No. of activity affected)
		Start Date	Completion Date	Actual Start Date	Actual Completion Date	Months		
1	Acquisition of Land						Enclosed as Annexure I	
2	Bichom Dam ,Spillway ,HRT and Diversion Tunnel	3.12.2004	2.03.2009	3.12.2004	18.3.2020	(172-60)=112		—
3	Tenga Dam, Spillway, HRT	3.12.2004	2.03.2009	3.12.2004	30.05.2019	(162-60)=102		—
4	Power House, TRC,	3.12.2004	2.03.2009	3.12.2004	30.10.2019	(167-60)=107		—
5	SS Gate, DT Gate, Intake Gate, TRCM, Drop Shaft Gate, Steel Liner etc	3.12.2004	2.03.2009	3.12.2004	30.11.2020	(192-60)=132		Activity affected due to delay in sl. No 2,4 & 5
6	Generator Equipment , Aux Equip.	3.12.2004	2.6.2009	3.12.2004	13.3.2018	(159-60)=99		Activity affected due to delay in sl. No 5 & 6
7	Switch Yard Equipment	6.1.2009	5.1.2011	6.1.2009	28.2.2018	(108-60)=48		—
8	Transformer	28.3.2008	27.7.2010	28.3.2008	13.3.2018	(92-60)=32		—

1 Delay on account of each reason in case of time overrun should be quantified and substantiated with necessary documents and supporting workings.
2 Indicates the activies on critical path.

(Petitioner)

PART-I
FORM- 6

Financial Package upto COD

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION
Estimated Project Cost as on COD :
Estimated Date of Commercial Operation of the Station :

(Amount in lacs)

	Financial Package as Approved		Financial Package as on Station COD		As Admitted on COD	
	Currency and Amount		Currency and Amount		Currency and Amount	
1	2	3	4	5	6	7
1. PSU Bonds:						
XIVth series			182,999.92			
XVth series			54,025.83			
XVIth series			60,000.00			
XVIIth series			16,955.02			
XXIth series			30,000.00			
XXIIth series			30,000.00			
XXIIIth series			15,000.00			
XXIIIth series			50,000.00			
Canara Bank - Medium Term Loan			50,000.00			
PNB - Corporate Term Loan			50,000.00			
Total Debt:	**174,783.00**		**538,970.77**			
Equity:						
Foreign						
Domestic	74,907.00		87,170.00			
Internal Resources			188,960.13			
Total Equity:	**74,907.00**		**276,130.13**			
Debt: Equity Ratio	**70 : 30**		**66 : 34**			

Note: Internal resources are based on Capex shown in Financial Progress Report as on 31.12.2020.

Details of Project Specific Loans **Form-7**

Name of the Company : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION

(Amount in Lacs)

Particulars	Term loan No.78202005
Source of Loan	Power Finance Corporation Ltd
Currency	INR
Amount of Loan sanctioned	223,968.00
Amount of Gross Loan drawn upto COD	178,279.25
Interest Type	Floating
Fixed Interest Rate, if applicable	Lending rate prevailling at the time of drawal with a interest reset at the end of every 3 years
Base Rate, if Floating Interest	N.A.
Margin, if Floating Interest	
Are there any Caps/Floor	N.A.
If above is yes,specify caps/floor	N.A.
Moratorium Period	
Moratorium effective from	26-Jul-05
Repayment Period	15 years
Repayment effective from	10-Oct-17
Repayment Frequency	Quarterly
Repayment Instalment	2971.32
Base Exchange Rate	N.A.

Note: The PFC loan was fully prepaid on 1st October , 2014.

Details of Allocation of corporate loans to various projects.

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION

Particulars	Loan 1	Loan 2	Loan 3	Loan 4
Source of Loan	PSU Bonds-XVIIth Series (2nd Tranche)	PSU Bonds-XVIth Series	PSU Bonds-XVth Series	PSU Bonds-XVIIth Series
Currency	INR	INR	INR	INR
Amount of Loan sanctioned	151,000,000	25,000,000,000	6,000,000,000	9,000,000,000
Amount of Gross Loan drawn upto 31.03.2014/COD	151,000,000	25,000,000,000	6,000,000,000	9,000,000,000
Interest Type	Fixed	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	9.85%	9.60%	9.15%	8.68%
Base Rate, if Floating Interest	N.A.	N.A.	N.A.	N.A.
Margin, if Floating Interest	N.A.	N.A.	N.A.	N.A.
Are there any Caps/Floor	N.A.	N.A.	N.A.	N.A.
If above is yes,specify caps/floor	N.A.	N.A.	N.A.	N.A.
Moratorium Period	10 years	6 years	6 years	11 years
Moratorium effective from	March 30, 2002	October 1, 2014	March 25, 2015	30-Sep-15
Repayment Period	10 years	10 years	10 years	15 years
Repayment effective from	March 30, 2012	October 1, 2020	March 25, 2021	15-Sep-26
Repayment Frequency	Bullet	Staggered: 20% of face value to be redeemed in the last 5 years	Staggered: 20% of face value to be redeemed in the last 5 years	Staggered: 20% of face value to be redeemed in the last 5 years
Repayment Instalment	151,000,000	5,000,000,000	1,200,000,000	1,800,000,000
Base Exchange Rate	N.A.	N.A.	N.A.	N.A.
Distribution of Gross Loan drawn up to: (in lakh)				
Name of the Project				
1. Tripura Gas Based Power Project, Monarchak	410.00		5874.17	
2. Solar PP, Monarchak,Agartala	-	2800.00		
3. AGTP Extn,Agartala				
4.Tuirial Hydro Electric Project, Arunachal Pradesh		18462.60	-	-
5. Kameng Hydro Electric Project, Arunachal Pradesh	1100.00	228737.40	54025.83	60000.00
6. Pare Hydro Electric Project, Arunachal Pradesh				30000.00
Total	1510.00	250000.00	60000.00	90000.00

Details of Allocation of corporate loans to various projects.

Particulars	Loan 5	Loan 6	Loan 7	Loan 8
Source of Loan	PSU Bonds-XVIIth Series	PSU Bonds-XVIIIth Series	PSU Bonds-XXXth Series	PSU Bonds-XXXth Series
Currency	INR	INR	INR	INR
Amount of Loan sanctioned	3,000,000,000	5,000,000,000	3,000,000,000	3,000,000,000
Amount of Gross Loan drawn upto 31.03.2014/COD	3,000,000,000	5,000,000,000	3,000,000,000	3,000,000,000
Interest Type	Fixed	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	7.80%	7.68%	8.75%	9.50%
Base Rate, if Floating Interest	N.A.	N.A.	N.A.	N.A.
Margin, if Floating Interest	N.A.	N.A.	N.A.	N.A.
Are there any Caps/Floor	N.A.	N.A.	N.A.	N.A.
If above is yes,specify caps/floor	N.A.	N.A.	N.A.	N.A.
Moratorium Period	3 years 2 months	8 years	8 years	5 years
Moratorium effective from	March 27, 2017	November 15, 2017	March 6, 2018	November 29, 2018
Repayment Period	3 years 2 months	7.5 years	2 years	2 years
Repayment effective from	3 years 2 months	26-May-25	6-Sep-26	29-May-24
Repayment Frequency	Bullet	Staggered: 50% of face value to be redeemed in two installments in the last year	Staggered:25% of face value to be redeemed in four installments in the last two years	Staggered:25% of face value to be redeemed in four installments in the last two years
Repayment Instalment	3,000,000,000	2,500,000,000	750,000,000	750,000,000
Base Exchange Rate	N.A.	N.A.	N.A.	N.A.
Distribution of Gross Loan drawn up to: (In lakh)				
Name of the Project				
1. Tripura Gas Based Power Project, Monarchak				
2. Solar PP, Monarchak,Agartala				
3. AGTP Extn,Agartala				
4.Tuirial Hydro Electric Project, Arunachal Pradesh	-	33044.98		
5. Kameng Hydro Electric Project, Arunachal Pradesh	30000.00	16955.02	30000.00	30000.00
6. Pare Hydro Electric Project, Arunachal Pradesh				
Total	30000.00	50000.00	30000.00	30000.00

Details of Allocation of corporate loans to various projects

Particulars	Loan 9	Loan 10	Loan A/c No.33641472738	Loan A/c No.33888188585
Source of Loan	PSU Bonds-XXIIth Series	PSU Bonds-XXIIIth Series	SBI - Short Term Loan drawn as gap finance	SBI - Short Term Loan drawn as gap finance
Currency	INR	INR	INR	INR
Amount of Loan sanctioned	1,500,000,000	5,000,000,000	1,000,000,000	2,000,000,000
Amount of Gross Loan drawn upto 31.03.2014/COD	1,500,000,000	5,000,000,000	1,000,000,000	2,000,000,000
Interest Type	Fixed	Fixed	Floating	Floating
Fixed Interest Rate, if applicable	8.69%	7.55%		
Base Rate, if Floating Interest	N.A.	N.A.	SBI Base Rate	SBI Base Rate
Margin, if Floating Interest	N.A.	N.A.	0.25%	0.20%
Are there any Caps/Floor	N.A.	N.A.		
If above is yes,specify caps/floor	N.A.	N.A.		
Moratorium Period	8 years	8 years	3 months	3 months
Moratorium effective from	26/09/2019	October 6, 2020	11-Nov-13	25-Jul-14
Repayment Period	2 years	2 years	1 year	1 year
Repayment effective from	26-Sep-26	10-Dec-26	10-Feb-14	24-Oct-14
Repayment Frequency	Staggered:50% of face value to be redeemed in two installments in the last two years	Staggered:25% of face value to be redeemed in four installments in the last two years	Quarterly	Quarterly
Repayment Instalment	750,000,000	1,250,000,000	250000000	500000000
Base Exchange Rate	N.A.	N.A.	N.A.	N.A.
Distribution of Gross Loan drawn up to: (in lakh)				
Name of the Project				
1. Tripura Gas Based Power Project, Monarchak			1500.00	
2. Solar PP, Monarchak,Agartala				
3. AGTP Extn,Agartala			1000.00	
4.Turial Hydro Electric Project, Arunachal Pradesh			2125.00	4000.00
5. Kameng Hydro Electric Project, Arunachal Pradesh	15000.00	50000.00	2250.00	12000.00
6. Pare Hydro Electric Project, Arunachal Pradesh			3125.00	4000.00
Total	**15000.00**	**50000.00**	**10000.00**	**20000.00**

Details of Allocation of corporate loans to various projects

Particulars	Loan A/c No.:34231357091	Loan A/C No:34947736234	Loan A/C No:35952995708	Loan A/C No:36318234667	Loan A/C No:36318234667
Source of Loan	SBI - Short Term Loan drawn as gap finance	SBI - Short Term Loan drawn as gap finance	SBI - Short Term Loan drawn as gap finance	SBI - Short Term Loan drawn as gap finance	SBI - Short Term Loan drawn as gap finance
Currency	INR	INR	INR	INR	INR
Amount of Loan sanctioned	500,000,000	1,500,000,000	3,000,000,000	2,000,000,000	2,000,000,000
Amount of Gross Loan drawn upto 31.03.2014/CCD	500,000,000	1,500,000,000	3,000,000,000	1,300,000,000	2,000,000,000
Interest Type	Floating	Floating	Floating	Floating	Floating
Fixed Interest Rate, if applicable					
Base Rate, if Floating Interest	SBI Base Rate	SBI Base Rate	1-year MCLR	1-year MCLR	1-year MCLR
Margin, if Floating Interest	0.20%	0.00%	0.15%	0.15%	0.00%
Are there any Caps/Floor					
If above is yes,specify caps/floor					
Moratorium Period	3 months	3 months	3 months	3 months	3 months
Moratorium effective from	24-Sep-14	26-May-15	27-Jul-16	27-Jul-16	27-Jul-16
Repayment Period	1 year	1 year	1 year	1 year	1 year
Repayment effective from	23-Dec-14	26-Aug-15	27-Oct-16	27-Oct-16	27-Oct-16
Repayment Frequency	Quarterly	Quarterly	Quarterly	Bullet	Bullet
Repayment Instalment	125000000	375000000	750000000	1330000000	2000000000
Base Exchange Rate	N.A.	N.A.	N.A.	N.A.	N.A.
Distribution of Gross Loan drawn up to: (In lakh)					
Name of the Project					
1. Tripura Gas Based Power Project, Monarchak					
2. Solar PP, Monarchak,Agartala					
3. AGTP Extn,Agartala					
4.Tuirial Hydro Electric Project, Arunachal Pra	1000.00		4000.00	1773.33	4000.00
5. Kameng Hydro Electric Project, Arunachal I	3000.00	15000.00	18000.00	7980.00	12000.00
6. Pare Hydro Electric Project, Arunachal Pra	1000.00		8000.00	3546.67	4000.00
Total	**5000.00**	**15000.00**	**30000.00**	**13300.00**	**20000.00**

Particulars	Loan A/C No:3271400001	Loan A/C No:NIL	Loan A/C No:NIL	Loan A/C No:NIL	Loan A/C No:NIL
Source of Loan	IOB- Short Term Loan drawn as gap finance	PNB- Short Term Loan drawn as gap finance	Canara Bank- Short Term Loan drawn as gap finance	Canara Bank- Medium Term Loan drawn as gap finance	PNB- Corporate Term Loan drawn as gap finance
Currency	INR	INR	INR	INR	INR
Amount of Loan sanctioned	1,000,000,000	750,000,000	5,000,000,000	5,000,000,000	12,500,000,000
Amount of Gross Loan drawn upto 31.03.2014/COD	1,000,000,000	750,000,000	5,000,000,000	5,000,000,000	4,000,000,000
Interest Type	Floating	Floating	Floating	Floating	Floating
Fixed Interest Rate, if applicable					
Base Rate, if Floating Interest	IOB Base Rate	PNB Base Rate	1-year MCLR	1-year MCLR	1-year MCLR
Margin, if Floating Interest	0.25%	0.25%	NIL	0.10%	NIL
Are there any Caps/Floor					
If above is yes,specify caps/floor					
Moratorium Period	3 months	3 months	12 months	12 months	24 months
Moratorium effective from	27-May-14	27-May-14	18-Mar-19	3-Feb-20	30-Sep-20
Repayment Period	1 year	1 year	1 year	5 years	8 years
Repayment effective from	31-Aug-14	31-Aug-14	17-Mar-20	3-May-21	30-Dec-22
Repayment Frequency	Quarterly	Quarterly	Yearly	Quarterly	Quarterly
Repayment Instalment	250000000	187500000	1000000000	1250000000	25,00,00 50,00,00 137,50,00
Base Exchange Rate	N.A.	N.A.	N.A.	N.A.	N.A.
Distribution of Gross Loan drawn up to: (In lakh)					
Name of the Project					
1. Tripura Gas Based Power Project, Monarchak					
2. Solar PP, Monarchak,Agartala					
3. AGTP Extn,Agartala					
4.Tuirial Hydro Electric Project, Arunachal Prad	2000.00	1500.00			
5. Kameng Hydro Electric Project, Arunachal P	6000.00	4500.00	50000.00	50000.00	40000.00
6. Pare Hydro Electric Project, Arunachal Prad	2000.00	1500.00			
Total	**10000.00**	**7500.00**	**50000.00**	**50000.00**	**40000.00**

Summary of Interest & FC as on 30.11.2020

(Rs. in lakh)

Year	Interest						Finance charge				Total (Int+FC)
	PFC	Bonds	PNB Term Loan	Canara MTCL	STL	Total	PFC	Bonds including amortisation	STL	Total	
2006-07		108.20				108.20		0.38		0.38	108.58
2007-08		108.35				108.35	6.15	0.37		6.52	114.87
2008-09	754.14	108.35				862.49		0.38		0.38	862.87
2009-10	2,560.56	108.35				2,668.91		0.39		0.39	2,669.29
2010-11	5,421.32	108.35				5,529.67		0.35		0.35	5,530.02
2011-12	8,844.02	107.91				8,951.93		0.03		0.03	8,951.96
2012-13	12,707.31	-				12,707.31		-		-	12,707.31
2013-14	16,813.10	-			73.21	16,886.31		-	0.45	0.45	16,886.76
2014-15	10,775.69	11,164.44			1,189.77	23,129.90	5,007.86	181.83	1.51	5,191.21	28,321.11
2015-16		29,648.09			446.92	30,095.02		5.83	2.41	8.25	30,103.27
2016-17		33,633.48			741.88	34,375.36		14.42	1.22	15.64	34,391.00
2017-18		36,691.72			1,119.55	37,811.27		23.36	1.28	24.64	37,835.91
2018-19		53,372.06			130.49	53,502.55		32.11	1.32	33.43	53,535.98
2019-20		57,118.02		203.73	2,933.89	60,255.64		43.84	1.36	45.19	60,300.83
2020-21		23,256.50	114.78	1,898.36	1,896.38	27,166.02		16.23	1.81	18.04	27,184.06
Total	57,876.14	245,533.82	114.78	2,102.09	8,532.10	314,158.93	5,014.01	319.53	11.37	5,344.91	319,503.84

	Project
PNB Corporate Term Loan	Kameng HEP

Drawal

Tranche	Date	Amount	Interest rate
1st	30-Sep-20	1000000000	7.35%
2nd	9-Nov-20	1000000000	
3rd	16-Nov-20	2000000000	

Particulars	Loan outstanding	Interest Rate (%)	From	To	No.of days	Amount	KaHEP IDC
1st	1,000,000,000	7.35%	30-Sep-20	30-Sep-20	1	201,370	100,685
		7.35%	1-Oct-20	30-Nov-20	61	12,283,562	6,141,781
2nd	1,000,000,000	7.35%	9-Nov-20	30-Nov-20	22	4,430,137	2,215,069
3rd	2,000,000,000	7.35%	16-Nov-20	30-Nov-20	15	6,041,096	3,020,548
	4,000,000,000				**Total**	**22,956,165**	**11,478,083**

PNB Loan - repayment schedule				Amount	Interest		
First drawal date	9/30/2020	11/30/2020		1,000,000,000	12,484,932		
	11/9/2020	11/30/2020		1,000,000,000	4,430,137		
	11/16/2020	11/30/2020		2,000,000,000	6,041,096	**22,956,165**	**11,478,083**
1	#N/A						
2	#N/A						
3	#N/A						
4	#N/A						
5	#N/A						
6	#N/A						
7	#N/A						
8	#N/A					Repayment	year
9		#N/A	2500.00			5000.00	22-23
10		#N/A	2500.00				
11		#N/A	2500.00			10000.00	23-24
12		#N/A	2500.00				
13		#N/A	2500.00				
14		#N/A	2500.00				
15		#N/A	2500.00			10000.00	24-25
16		#N/A	2500.00				
17		#N/A	2500.00				
18		#N/A	2500.00				
19		#N/A	2500.00			15000.00	25-26
20		#N/A	2500.00				
21		#N/A	5000.00				
22		#N/A	5000.00				
23		#N/A	5000.00			20000.00	26-27
24		#N/A	5000.00				
25		#N/A	5000.00				
26		#N/A	5000.00				
27		#N/A	5000.00			37500.00	27-28
28		#N/A	5000.00				
29		#N/A	13750.00				
30		#N/A	13750.00				
31		#N/A	13750.00			27500.00	28-29
32		#N/A	13750.00				
			125000.00				



Drawal:	Rs.in lakh
2008-09	13084.53
2009-10	22323.10
2010-11	29382.41
2011-12	25286.10
2012-13	30146.09
2013-14	40529.56
2014-15	18727.44
Total	179279.35

Calculation of IDC on PFC Loan in respect of Kameng Hydro Electric Project
PFC-Loan No.78202005

2008-09:

Loan outstanding	Date of drawal	From	To	No of days	Rate of Interest	Interest (gross) Payment	Rebate @ 0.25%	Net Interest
Interest paid on 15.10.2008:								
6.8E+08	5-Aug-08	5-Aug-08	14-Oct-08	71	12.00	15790724	328973	15461751
Interest paid on 15.01.2009:								
6.8E+08	5-Aug-08	15-Oct-08	14-Jan-09	92	12.00	20461219	426275	20034944
5.3E+08	1-Dec-08	1-Dec-08	14-Jan-09	45	13.50	8854070	163964	8690106
1.2E+09						29315289	590239	28725050
Interest accrued as on 31.03.2009								
6.8E+08	5-Aug-08	15-Jan-09	31-Mar-09	76	12.00	16902747	352141	16550606
5.3E+08	1-Dec-08	15-Jan-09	31-Mar-09	76	13.50	14953541	276917	14676624
1.2E+09						31856288	629058	31227230
Charged to IDC during 2008-09								75414031
2009-10:								
Interest paid on 15.04.2009:								
6.8E+08	5-Aug-08	15-Jan-09	14-Apr-09	90	12.00	20016410	417009	19599401
5.3E+08	1-Dec-08	15-Jan-09	14-Apr-09	90	13.50	17708141	327929	17380212
1.2E+09								36979613
Interest paid on 15.07.2009:								
6.8E+08	5-Aug-08	15-Apr-09	14-Jul-09	91	12.00	20238815	421642	19817173
5.3E+08	1-Dec-08	15-Apr-09	14-Jul-09	91	13.50	17904898	331572	17573326
3E+08	27-May-09	27-May-09	14-Jul-09	49	11.50	4684336	101833	4582503
1.6E+09								41973002
Interest paid on 15.10.2009:								
6.8E+08	5-Aug-08	15-Jul-09	14-Oct-09	92	12.00	20461219	426275	20034944
5.3E+08	1-Dec-08	15-Jul-09	14-Oct-09	92	13.50	18101655	335216	17766439
3E+08	27-May-09	15-Jul-09	14-Oct-09	92	11.50	8795080	191197	8603883
3E+08	5-Aug-09	5-Aug-09	14-Oct-09	71	11.25	6617120	147047	6470073
3.1E+08	1-Sep-09	1-Sep-09	14-Oct-09	44	11.25	4197083	93269	4103814
2.1E+09								84979153
Interest paid on 15.01.2010:								
6.8E+08	5-Aug-08	15-Oct-09	14-Jan-10	92	12.00	20461219	426275	20034944
5.3E+08	1-Dec-08	15-Oct-09	14-Jan-10	92	13.50	18101655	335216	17766439
3E+08	27-May-09	15-Oct-09	14-Jan-10	92	11.50	8795080	191197	8603883
3E+08	5-Aug-09	15-Oct-09	14-Jan-10	92	11.25	8574096	190540	8383556
3.1E+08	1-Sep-09	15-Oct-09	14-Jan-10	92	11.25	8775720	195016	8580704
3.3E+08	21-Oct-09	21-Oct-09	14-Jan-10	86	11.25	8656316	192363	8463953
3.1E+08	10-Dec-09	10-Dec-09	14-Jan-10	36	11.00	3325979	75590	3250389
2.8E+09						76690265	1606197	75084068
Interest accrued but not due as on 31.03.2010:								
6.8E+08	5-Aug-08	15-Jan-10	31-Mar-10	76	12.00	16902747		16902747
5.3E+08	1-Dec-08	15-Jan-10	31-Mar-10	76	13.50	14953541		14953541
3E+08	27-May-09	15-Jan-10	31-Mar-10	76	11.50	7265501		7265501
3E+08	5-Aug-09	15-Jan-10	31-Mar-10	76	11.25	7083114		7083114
3.1E+08	1-Sep-09	15-Jan-10	31-Mar-10	76	11.25	7249508		7249508
3.3E+08	21-Oct-09	15-Jan-10	31-Mar-10	76	11.25	7649768		7649768
3.1E+08	10-Dec-09	15-Jan-10	31-Mar-10	76	11.00	7021511		7021511
3.6E+08	22-Jan-10	22-Jan-10	31-Mar-10	69	11.00	7501770		7501770
3E+08	25-Mar-10	25-Mar-10	31-Mar-10	7	11.00	639501		639501
3.4E+09						76266961		76266961
Charged to IDC during 2009-10								236055567



2010-11:								
Interest paid on 15.04.2010:								
6.8E+08	5-Aug-08	15-Jan-10	14-Apr-10	90	12.00	20016410	417009	19599401
5.3E+08	1-Dec-08	15-Jan-10	14-Apr-10	90	13.50	17708141	327929	17380212
3E+08	27-May-09	15-Jan-10	14-Apr-10	90	11.50	8603883	187041	8416842
3E+08	5-Aug-09	15-Jan-10	14-Apr-10	90	11.25	8387898	186398	8201500
3.1E+08	1-Sep-09	15-Jan-10	14-Apr-10	90	11.25	8584943	190777	8394166
3.3E+08	21-Oct-09	15-Jan-10	14-Apr-10	90	11.25	9058936	201310	8857626
3.1E+08	10-Dec-09	15-Jan-10	14-Apr-10	90	11.00	8314947	188976	8125971
3.6E+08	22-Jan-10	22-Jan-10	14-Apr-10	83	11.00	9023868	205068	8818780
3E+08	25-Mar-10	25-Mar-10	14-Apr-10	21	11.00	1918504	43602	1874902
3.4E+09						**91617530**	**1948130**	**89669400**
Interest paid on 15.07.2010:								
6.8E+08	5-Aug-08	15-Apr-10	14-Jul-10	91	12.00	20238815	421642	19817173
5.3E+08	1-Dec-08	15-Apr-10	14-Jul-10	91	13.50	17904898	331572	17573326
3E+08	27-May-09	15-Apr-10	14-Jul-10	91	11.50	8699482	189119	8510363
3E+08	5-Aug-09	15-Apr-10	14-Jul-10	91	11.25	8481097	188669	8292428
3.1E+08	1-Sep-09	15-Apr-10	14-Jul-10	91	11.25	8680312	192896	8487416
3.3E+08	21-Oct-09	15-Apr-10	14-Jul-10	91	11.25	9158991	203546	8955445
3.1E+08	10-Dec-09	15-Apr-10	14-Jul-10	91	11.00	8407336	191076	8216260
3.6E+08	22-Jan-10	15-Apr-10	14-Jul-10	91	11.00	9093639	224855	8868784
3E+08	25-Mar-10	15-Apr-10	14-Jul-10	91	11.00	8313519	188944	8124575
3E+08	5-May-10	5-May-10	14-Jul-10	71	11.00	6458220	146778	6311442
7.5E+08	7-Jun-10	7-Jun-10	14-Jul-10	38	11.00	8572578	194831	8377747
4.5E+09						**114809507**	**2473728**	**112335780**
Interest paid on 15.10.2010:								
6.8E+08	5-Aug-08	15-Jul-10	14-Oct-10	92	12.00	20461219	426275	20034944
5.3E+08	1-Dec-08	15-Jul-10	14-Oct-10	92	13.50	18101655	335216	17766439
3E+08	27-May-09	15-Jul-10	14-Oct-10	92	11.50	8795080	191197	8603883
3E+08	5-Aug-09	15-Jul-10	14-Oct-10	92	11.25	8574096	190540	8383556
3.1E+08	1-Sep-09	15-Jul-10	14-Oct-10	92	11.25	8775720	195016	8580704
3.3E+08	21-Oct-09	15-Jul-10	14-Oct-10	92	11.25	9260245	205783	9054462
3.1E+08	10-Dec-09	15-Jul-10	14-Oct-10	92	11.00	8499724	193176	8306548
3.6E+08	22-Jan-10	15-Jul-10	14-Oct-10	92	11.00	10002360	227326	9775034
3E+08	25-Mar-10	15-Jul-10	14-Oct-10	92	11.00	8404876	191020	8213856
3E+08	5-May-10	15-Jul-10	14-Oct-10	92	11.00	8368398	190191	8178207
7.5E+08	7-Jun-10	15-Jul-10	14-Oct-10	92	11.00	20754663	471697	20282966
1.2E+08	9-Aug-10	9-Aug-10	14-Oct-10	67	11.00	2489735	56585	2433150
4.6E+07	31-Aug-10	31-Aug-10	14-Oct-10	45	11.00	621281	14120	607161
						133109252	**2888143**	**130221109**
Interest paid on 15.01.2011:								
6.8E+08	5-Aug-08	15-Oct-10	14-Jan-11	92	12.00	20461219	426275	20034944
5.3E+08	1-Dec-08	15-Oct-10	14-Jan-11	92	13.50	18101655	335216	17766439
3E+08	27-May-09	15-Oct-10	14-Jan-11	92	11.50	8795080	191197	8603883
3E+08	5-Aug-09	15-Oct-10	14-Jan-11	92	11.25	8574096	190540	8383556
3.1E+08	1-Sep-09	15-Oct-10	14-Jan-11	92	11.25	8775720	195016	8580704
3.3E+08	21-Oct-09	15-Oct-10	14-Jan-11	92	11.25	9260245	205783	9054462
3.1E+08	10-Dec-09	15-Oct-10	14-Jan-11	92	11.00	8499724	193176	8306548
3.6E+08	22-Jan-10	15-Oct-10	14-Jan-11	92	11.00	10002360	227326	9775034
3E+08	25-Mar-10	15-Oct-10	14-Jan-11	92	11.00	8404876	191020	8213856
3E+08	5-May-10	15-Oct-10	14-Jan-11	92	11.00	8368398	190191	8178207
7.5E+08	7-Jun-10	15-Oct-10	14-Jan-11	92	11.00	20754663	471697	20282966
1.2E+08	9-Aug-10	15-Oct-10	14-Jan-11	92	11.00	3418741	77699	3341042
4.6E+07	31-Aug-10	15-Oct-10	14-Jan-11	92	11.00	1270175	28868	1241307
4.5E+08	19-Oct-10	19-Oct-10	14-Jan-11	88	11.25	12230058	271790	11958268
2E+08	22-Nov-10	22-Nov-10	14-Jan-11	54	11.25	3379282	75098	3304294
						150297102	**3270892**	**147026311**
Interest accrued but not due as on 31.03.2011:								
6.8E+08	5-Aug-08	15-Jan-11	31-Mar-11	76	12.00	16902747		16902747
5.3E+08	1-Dec-08	15-Jan-11	31-Mar-11	76	13.50	14953541		14953541
3E+08	27-May-09	15-Jan-11	31-Mar-11	76	11.50	7265501		7265501
3E+08	5-Aug-09	15-Jan-11	31-Mar-11	76	11.25	7083114		7083114
3.1E+08	1-Sep-09	15-Jan-11	31-Mar-11	76	11.25	7249508		7249508
3.3E+08	21-Oct-09	15-Jan-11	31-Mar-11	76	11.25	7649768		7649768
3.1E+08	10-Dec-09	15-Jan-11	31-Mar-11	76	11.00	7021511		7021511
3.6E+08	22-Jan-10	15-Jan-11	31-Mar-11	76	11.00	8262819		8262819
3E+08	25-Mar-10	15-Jan-11	31-Mar-11	76	11.00	6943158		6943158
3E+08	5-May-10	15-Jan-11	31-Mar-11	76	11.00	6913024		6913024
7.5E+08	7-Jun-10	15-Jan-11	31-Mar-11	76	11.00	17145156		17145156
1.2E+08	9-Aug-10	15-Jan-11	31-Mar-11	76	11.00	2824177		2824177
4.6E+07	31-Aug-10	15-Jan-11	31-Mar-11	76	11.00	1049275		1049275
4.5E+08	19-Oct-10	15-Jan-11	31-Mar-11	76	11.25	10562755		10562755
2E+08	22-Nov-10	15-Jan-11	31-Mar-11	76	11.25	4756181		4756181
4.5E+08	18-Jan-11	18-Jan-11	31-Mar-11	73	11.25	10131862		10131862
1.8E+08	25-Feb-11	25-Feb-11	31-Mar-11	35	11.50	3015157		3015157
4.3E+08	29-Mar-11	29-Mar-11	31-Mar-11	3	11.75	416941		416941
6.4E+09						**1391461195**		**1391461195**
Charged to IDC during 2010-11								**642131734**

2011-12								
Interest paid on 15.04.2011:								
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20016410	[illegible]	[illegible]
5.3E+08	1-Dec-08	15-Jan-11	14-Apr-11	90	13.50	17708141	327929	17380212
3E+08	27-May-09	15-Jan-11	14-Apr-11	90	11.50	8603883	187041	8416842
3E+08	5-Aug-09	15-Jan-11	14-Apr-11	90	11.25	8387898	184398	8203500
3.1E+08	1-Sep-09	15-Jan-11	14-Apr-11	90	11.25	8584943	190777	8394166
3.3E+08	21-Oct-09	15-Jan-11	14-Apr-11	90	11.25	9058936	201310	8857626
3.1E+08	10-Dec-09	15-Jan-11	14-Apr-11	90	11.00	8314947	188976	8125971
3.6E+08	22-Jan-10	15-Jan-11	14-Apr-11	90	11.00	9784917	222384	9562533
3E+08	25-Mar-10	15-Jan-11	14-Apr-11	90	11.00	8222161	186867	8035294
3E+08	5-May-10	15-Jan-11	14-Apr-11	90	11.00	8186476	186056	8000420
7.5E+08	7-Jun-10	15-Jan-11	14-Apr-11	90	11.00	20303474	461443	19842031
1.2E+08	9-Aug-10	15-Jan-11	14-Apr-11	90	11.00	3344421	76010	3268411
4.6E+07	31-Aug-10	15-Jan-11	14-Apr-11	90	11.00	1242562	28240	1214322
4.5E+08	19-Oct-10	15-Jan-11	14-Apr-11	90	11.25	12508526	277967	12230559
2E+08	22-Nov-10	15-Jan-11	14-Apr-11	90	11.25	5632300	125163	5507137
4.5E+08	18-Jan-11	18-Jan-11	14-Apr-11	87	11.25	12074959	268332	11806627
1.8E+08	25-Feb-11	25-Feb-11	14-Apr-11	49	11.50	2821220	61331	2759889
4.3E+08	29-Mar-11	29-Mar-11	14-Apr-11	17	11.75	2362665	50069	2312596
6.4E+09						167188859	3443502	163515355
Interest paid on 15.07.2011:								
6.8E+08	5-Aug-08	15-Apr-11	14-Jul-11	91	12.00	20238815	421642	19817173
5.3E+08	1-Dec-08	15-Apr-11	14-Jul-11	91	13.50	17904898	331572	17573326
3E+08	27-May-09	15-Apr-11	14-Jul-11	91	11.50	8659482	189119	8510363
3E+08	5-Aug-09	15-Apr-11	14-Jul-11	91	11.25	8481097	188469	8292628
3.1E+08	1-Sep-09	15-Apr-11	14-Jul-11	91	11.25	8680332	192896	8487436
3.3E+08	21-Oct-09	15-Apr-11	14-Jul-11	91	11.25	9159581	203546	8956035
3.1E+08	10-Dec-09	15-Apr-11	14-Jul-11	91	11.00	8407336	191076	8216260
3.6E+08	22-Jan-10	15-Apr-11	14-Jul-11	91	11.00	9893639	224855	9668784
3E+08	25-Mar-10	15-Apr-11	14-Jul-11	91	11.00	8313519	188944	8124575
3E+08	5-May-10	15-Apr-11	14-Jul-11	91	11.00	8277437	188124	8089313
7.5E+08	7-Jun-10	15-Apr-11	14-Jul-11	91	11.00	20529069	466570	20062499
1.2E+08	9-Aug-10	15-Apr-11	14-Jul-11	91	11.00	3381581	76854	3304727
4.6E+07	31-Aug-10	15-Apr-11	14-Jul-11	91	11.00	1256369	28554	1227815
4.5E+08	19-Oct-10	15-Apr-11	14-Jul-11	91	11.25	12647509	281056	12366453
2E+08	22-Nov-10	15-Apr-11	14-Jul-11	91	11.25	5694901	126553	5568348
4.5E+08	18-Jan-11	15-Apr-11	14-Jul-11	91	11.25	12630129	280670	12349459
1.8E+08	25-Feb-11	15-Apr-11	14-Jul-11	91	11.50	5239409	113900	5125509
4.3E+08	29-Mar-11	15-Apr-11	14-Jul-11	91	11.75	12647209	269093	12378115
1.6E+08	12-May-11	12-May-11	14-Jul-11	64	11.75	3335293	70964	3264329
2.2E+08	1-Jun-11	1-Jun-11	14-Jul-11	44	12.25	3294305	67231	3227074
9.8E+07	21-Jun-11	21-Jun-11	14-Jul-11	24	12.25	788851	16099	772752
7E+07	22-Jun-11	22-Jun-11	14-Jul-11	23	12.25	537821	10976	526845
6.9E+09						190038592	4128759	185909833
Interest paid on 15.10.2011:								
6.8E+08	5-Aug-08	15-Jul-11	14-Oct-11	92	12.00	20461219	426275	20034944
5.3E+08	1-Dec-08	15-Jul-11	14-Oct-11	92	13.50	18101655	335214	17766439
3E+08	27-May-09	15-Jul-11	14-Oct-11	92	11.50	8795080	191197	8603883
3E+08	5-Aug-09	15-Jul-11	14-Oct-11	92	11.25	8574298	190540	8383756
3.1E+08	1-Sep-09	15-Jul-11	14-Oct-11	92	11.25	8775730	195026	8580704
3.3E+08	21-Oct-09	15-Jul-11	14-Oct-11	92	11.25	9260245	205783	9054462
3.1E+08	10-Dec-09	15-Jul-11	14-Oct-11	92	11.00	8499724	193176	8306548
3.6E+08	22-Jan-10	15-Jul-11	14-Oct-11	92	11.00	10002360	227326	9775034
3E+08	25-Mar-10	15-Jul-11	14-Oct-11	92	11.00	8404876	191020	8213856
3E+08	5-May-10	15-Jul-11	14-Oct-11	92	11.00	8368098	190191	8178307
7.5E+08	7-Jun-10	15-Jul-11	14-Oct-11	92	11.00	20756663	471697	20284966
1.2E+08	9-Aug-10	15-Jul-11	14-Oct-11	92	11.00	3418741	77699	3341042
4.6E+07	31-Aug-10	15-Jul-11	14-Oct-11	92	11.00	1270175	28868	1241307
4.5E+08	19-Oct-10	15-Jul-11	14-Oct-11	92	11.25	12786493	284144	12502349
2E+08	22-Nov-10	15-Jul-11	14-Oct-11	92	11.25	5757483	127944	5629539
4.5E+08	18-Jan-11	15-Jul-11	14-Oct-11	92	11.25	12768922	283754	12485168
1.8E+08	25-Feb-11	15-Jul-11	14-Oct-11	92	11.50	5296980	115152	5181833
4.3E+08	29-Mar-11	15-Jul-11	14-Oct-11	92	11.75	12786190	273047	12514143
1.6E+08	12-May-11	15-Jul-11	14-Oct-11	92	11.75	4794484	102010	4692474
2.2E+08	1-Jun-11	15-Jul-11	14-Oct-11	92	12.25	6888093	140573	6747520
9.8E+07	21-Jun-11	15-Jul-11	14-Oct-11	92	12.25	3023929	61713	2962216
7E+07	22-Jun-11	15-Jul-11	14-Oct-11	92	12.25	2151286	43904	2107382
4.4E+08	20-Sep-11	20-Sep-11	14-Oct-11	25	12.75	3883580	76149	3807431
7.4E+09						204834597	4431393	200393204
Interest paid on 15.01.2011:								
7.4E+09		15-Oct-11	15-Jan-12	93	12.75	238978703	4605857	234292846
1.3E+08	27-Oct-11	27-Oct-11	15-Jan-12	81	12.75	3799332	74497	3724835
3.2E+08	9-Nov-11	9-Nov-11	15-Jan-12	68	12.75	7492136	146905	7345231
6.2E+07	21-Dec-11	21-Dec-11	15-Jan-12	26	12.75	564785	11074	553711
7.9E+09						250834954	4918333	245916622
Interest accrued but not due as on 31.03.2012:								
7.9E+09		16-Jan-12	31-Mar-12	76	12.75	208883702		208883702
2E+08	4-Jan-12	4-Jan-12	31-Mar-12	88	12.75	6082059		6082059
2.9E+08	16-Jan-12	16-Jan-12	31-Mar-12	76	12.75	7586158		7586158
1.4E+08	7-Feb-12	7-Feb-12	31-Mar-12	54	12.75	2733710		2733710
1.4E+08	22-Feb-12	22-Feb-12	31-Mar-12	39	12.75	2115944		2115944
2.4E+08	27-Mar-12	27-Mar-12	31-Mar-12	5	12.75	411482		411482
8.9E+09						227813055		227813055
Charged to IDC during 2011-12								884401874

2012-13:								
Interest paid on 16.04.2012:								
7.9E+08		16-Jan-12	15-Apr-12	91	12.75	25011074	4904132	245206617
2E+08	4-Jan-12	4-Jan-12	15-Apr-12	103	12.75	7118274	139584	6979190
3.9E+08	16-Jan-12	16-Jan-12	15-Apr-12	91	12.75	9083426	178106	8905320
1.4E+08	7-Feb-12	7-Feb-12	15-Apr-12	68	12.75	3493074	68492	3424582
1.6E+08	22-Feb-12	22-Feb-12	15-Apr-12	54	12.75	2929768	57446	2872322
2.4E+08	27-Mar-12	27-Mar-12	15-Apr-12	20	12.75	1645930	32273	1613657
8.9E+09						**274381721**	**5380033**	**269001688**
Interest paid on 16.07.2012:								
8.9E+09		16-Apr-12	15-Jul-12	91	12.75	282516568	5539541	276977027
2.7E+08	16-Apr-12	16-Apr-12	15-Jul-12	91	12.75	8550952	167665	8383287
1.3E+08	24-May-12	24-May-12	15-Jul-12	53	12.75	2413092	47321	2366071
1.4E+08	12-Jun-12	12-Jun-12	15-Jul-12	34	12.75	1640376	32156	1608918
9.4E+09						**295120970**	**5786686**	**289334284**
Interest paid on 15.10.2012:								
9.4E+09		16-Jul-12	14-Oct-12	91	12.75	299600868	5874527	293726341
2.9E+08	16-Jul-12	16-Jul-12	14-Oct-12	91	12.75	9197263	180338	9016925
3E+08	10-Sep-12	10-Sep-12	14-Oct-12	35	12.75	3676580	72090	3604490
1E+10						**312474710**	**6126956**	**306347754**
Interest paid on 15.01.2013:								
1E+10		15-Oct-12	14-Jan-13	92	12.75	321855672	6310896	315544776
3.1E+08	15-Oct-12	15-Oct-12	14-Jan-13	92	12.75	9845094	193041	9652053
1.1E+08	17-Oct-12	17-Oct-12	14-Jan-13	90	12.75	3431843	67683	3384160
1.6E+08	14-Nov-12	14-Nov-12	14-Jan-13	62	12.75	3400426	66675	3333751
1.1E+10						**338553034**	**6636299**	**331914739**
Interest accrued but not due as on 31.03.2013:								
1.1E+10		15-Jan-13	31-Mar-13	76	12.75	281096830		281096830
3.3E+08	15-Jan-13	15-Jan-13	31-Mar-13	76	12.75	8811654		8811654
2.5E+08	16-Jan-13	16-Jan-13	31-Mar-13	75	12.75	6486042		6486042
3.9E+08	25-Feb-13	25-Feb-13	31-Mar-13	35	12.50	4640132		4640132
1.8E+08	21-Mar-13	21-Mar-13	31-Mar-13	11	12.50	684490		684490
1.7E+08	28-Mar-13	28-Mar-13	31-Mar-13	4	12.50	226912		226912
1.2E+10						**301946061**		**301946061**
Charged to IDC during 2012-13								**1270731471**
2013-14:								
Interest paid on 15.04.2013:								
1.1E+10		15-Jan-13	14-Apr-13	90	12.75	343312678	6731621	336581057
2.5E+08	16-Jan-13	16-Jan-13	14-Apr-13	89	12.75	7696770	150917	7545853
3.9E+08	25-Feb-13	25-Feb-13	14-Apr-13	49	12.50	6496185	129924	6366261
1.8E+08	21-Mar-13	21-Mar-13	14-Apr-13	25	12.50	1555658	31113	1524545
1.7E+08	28-Mar-13	28-Mar-13	14-Apr-13	18	12.50	1021106	20422	1000684
1.2E+10						**360082393**	**7063992**	**353018401**
Interest paid on 15.07.2013:								
1.1E+10		15-Apr-13	14-Jul-13	91	12.75	354996995	6960735	348036270
3.9E+08	25-Feb-13	15-Apr-13	14-Jul-13	91	12.50	12064344	241287	11823057
1.8E+08	21-Mar-13	15-Apr-13	14-Jul-13	91	12.50	5443595	113052	5549343
1.7E+08	28-Mar-13	15-Apr-13	14-Jul-13	91	12.50	5167258	103045	5059013
3.5E+08	15-Apr-13	15-Apr-13	14-Jul-13	91	12.50	11001601	220032	10781569
1.5E+08	28-Jun-13	28-Jun-13	14-Jul-13	17	12.50	875802	17512	858090
1.2E+10						**389743395**	**7654053**	**382107339**
Interest paid on 15.10.2013:								
1.1E+10		15-Jul-13	14-Oct-13	92	12.75	359898061	7037217	351860844
3.9E+08	25-Feb-13	15-Jul-13	14-Oct-13	92	12.50	12196920	243938	11952982
1.8E+08	21-Mar-13	15-Jul-13	14-Oct-13	92	12.50	5724822	114496	5610326
1.7E+08	28-Mar-13	15-Jul-13	14-Oct-13	92	12.50	5218986	104380	5114606
3.5E+08	15-Apr-13	15-Jul-13	14-Oct-13	92	12.50	11122498	222450	10900048
1.5E+08	28-Jun-13	15-Jul-13	14-Oct-13	92	12.50	4738552	94771	4643781
3.8E+08	15-Jul-13	15-Jul-13	14-Oct-13	92	12.50	12038998	240780	11798218
1.7E+08	23-Jul-13	23-Jul-13	14-Oct-13	84	12.50	4934701	98694	4836007
2.5E+08	7-Aug-13	7-Aug-13	14-Oct-13	69	12.50	5959030	119181	5839849
1.1E+08	29-Aug-13	29-Aug-13	14-Oct-13	47	12.50	1776110	35522	1740588
3.5E+08	24-Sep-13	24-Sep-13	14-Oct-13	21	12.50	2536765	50735	2486030
1.4E+10						**425145444**	**8343164**	**416783280**

Interest paid on 15.01.2014:									
1.1E+10		15-Oct-13	14-Jan-14	92	12.75	3588998061	7037217	3511860844
3.9E+08	25-Feb-13	15-Oct-13	14-Jan-14	92	12.50	12196920	240938	11955982
1.8E+08	21-Mar-13	15-Oct-13	14-Jan-14	92	12.50	5724822	114496	5610326
1.7E+08	28-Mar-13	15-Oct-13	14-Jan-14	92	12.50	5218986	104380	5114606
3.5E+08	15-Apr-13	15-Oct-13	14-Jan-14	92	12.50	11122498	222450	10900048
1.5E+08	28-Jun-13	15-Oct-13	14-Jan-14	92	12.50	4738552	94771	4643781
3.8E+08	15-Jul-13	15-Oct-13	14-Jan-14	92	12.50	12038998	240780	11798218
1.7E+08	23-Jul-13	15-Oct-13	14-Jan-14	92	12.50	5404673	108093	5296580
2.5E+08	7-Aug-13	15-Oct-13	14-Jan-14	92	12.50	7945374	158907	7786467
1.1E+08	29-Aug-13	15-Oct-13	14-Jan-14	92	12.50	3476641	69533	3407108
3.5E+08	24-Sep-13	15-Oct-13	14-Jan-14	92	12.50	11113448	222269	10891179
4.2E+08	15-Oct-13	15-Oct-13	14-Jan-14	92	12.50	13131528	262631	12868897
1.4E+10						**45101010500**	**6879467**	**44213103**
Interest accrued but not due as on 31.03.2014:								
1.1E+10		15-Jan-14	31-Mar-14	76	12.75	2964810007		2964810007
3.9E+08	25-Feb-13	15-Jan-14	31-Mar-14	76	12.50	10075716		10075716
1.8E+08	21-Mar-13	15-Jan-14	31-Mar-14	76	12.50	4729200		4729200
1.7E+08	28-Mar-13	15-Jan-14	31-Mar-14	76	12.50	4311337		4311337
3.5E+08	15-Apr-13	15-Jan-14	31-Mar-14	76	12.50	9188150		9188150
1.5E+08	28-Jun-13	15-Jan-14	31-Mar-14	76	12.50	3914456		3914456
3.8E+08	15-Jul-13	15-Jan-14	31-Mar-14	76	12.50	9945360		9945360
1.7E+08	23-Jul-13	15-Jan-14	31-Mar-14	76	12.50	4464730		4464730
2.5E+08	7-Aug-13	15-Jan-14	31-Mar-14	76	12.50	6563570		6563570
1.1E+08	29-Aug-13	15-Jan-14	31-Mar-14	76	12.50	2872007		2872007
3.5E+08	24-Sep-13	15-Jan-14	31-Mar-14	76	12.50	9180474		9180474
4.2E+08	15-Oct-13	15-Jan-14	31-Mar-14	76	12.50	10847784		10847784
4.4E+08	15-Jan-14	15-Jan-14	31-Mar-14	76	12.50	11507500		11507500
3.9E+08	12-Mar-14	12-Mar-14	31-Mar-14	20	12.50	2643091		2643091
7.8E+08	24-Mar-14	24-Mar-14	31-Mar-14	8	12.50	2145397		2145397
2.5E+08	28-Mar-14	28-Mar-14	31-Mar-14	4	12.50	346249		346249
1.4E+10						**3892161468**		**3892161468**
Charged to IDC during 2013-14								**1681310140**

2014-15:								
Interest paid on 15.04.2014:								
1.1E+10		15-Jan-14	14-Apr-14	90	12.75	3510859229	6884234	3442116995
3.9E+08	25-Feb-13	15-Jan-14	14-Apr-14	90	12.50	11931789	238635	11693134
1.8E+08	21-Mar-13	15-Jan-14	14-Apr-14	90	12.50	5600369	112007	5488362
1.7E+08	28-Mar-13	15-Jan-14	14-Apr-14	90	12.50	5105530	102111	5003419
3.5E+08	15-Apr-13	15-Jan-14	14-Apr-14	90	12.50	10880704	217614	10663090
1.5E+08	28-Jun-13	15-Jan-14	14-Apr-14	90	12.50	4635540	92711	4542829
3.8E+08	15-Jul-13	15-Jan-14	14-Apr-14	90	12.50	11777281	235546	11541735
1.7E+08	23-Jul-13	15-Jan-14	14-Apr-14	90	12.50	5287180	105744	5181436
2.5E+08	7-Aug-13	15-Jan-14	14-Apr-14	90	12.50	7772648	155453	7617195
1.1E+08	29-Aug-13	15-Jan-14	14-Apr-14	90	12.50	3401061	68021	3333040
3.5E+08	24-Sep-13	15-Jan-14	14-Apr-14	90	12.50	10871851	217437	10654414
4.2E+08	15-Oct-13	15-Jan-14	14-Apr-14	90	12.50	12846060	256921	12589139
4.4E+08	15-Jan-14	15-Jan-14	14-Apr-14	90	12.50	13627326	272547	13354779
3.9E+08	12-Mar-14	12-Mar-14	14-Apr-14	34	12.50	4493250	89865	4403385
7.8E+08	24-Mar-14	24-Mar-14	14-Apr-14	22	12.50	5899841	117997	5781844
2.5E+08	28-Mar-14	28-Mar-14	14-Apr-14	18	12.50	1558123	31162	1526961
1.6E+10						**486784467**	**9198005**	**457586462**
Interest paid on 15.07.2014:								
1.1E+10		15-Apr-14	14-Jul-14	91	12.75	3549969995	6960725	3480362070
3.9E+08	25-Feb-13	15-Apr-14	14-Jul-14	91	12.50	12064344	241287	11823057
1.8E+08	21-Mar-13	15-Apr-14	14-Jul-14	91	12.50	5663595	113352	5549343
1.7E+08	28-Mar-13	15-Apr-14	14-Jul-14	91	12.50	5162258	103245	5059013
3.5E+08	15-Apr-13	15-Apr-14	14-Jul-14	91	12.50	11000601	220032	10781569
1.5E+08	28-Jun-13	15-Apr-14	14-Jul-14	91	12.50	4687046	93741	4593305
3.8E+08	15-Jul-13	15-Apr-14	14-Jul-14	91	12.50	11908140	238163	11669977
1.7E+08	23-Jul-13	15-Apr-14	14-Jul-14	91	12.50	5345926	106919	5239007
2.5E+08	7-Aug-13	15-Apr-14	14-Jul-14	91	12.50	7859051	157180	7701871
1.1E+08	29-Aug-13	15-Apr-14	14-Jul-14	91	12.50	3438851	68777	3370074
3.5E+08	24-Sep-13	15-Apr-14	14-Jul-14	91	12.50	10992649	219853	10772796
4.2E+08	15-Oct-13	15-Apr-14	14-Jul-14	91	12.50	12988794	259776	12729018
4.4E+08	15-Jan-14	15-Apr-14	14-Jul-14	91	12.50	13778741	275575	13503166
3.9E+08	12-Mar-14	15-Apr-14	14-Jul-14	91	12.50	12026065	240521	11785544
7.8E+08	24-Mar-14	15-Apr-14	14-Jul-14	91	12.50	24403889	488078	23915811
2.5E+08	28-Mar-14	15-Apr-14	14-Jul-14	91	12.50	7877176	157544	7719632
4.8E+08	15-Apr-14	15-Apr-14	14-Jul-14	91	12.50	14260400	285208	13975192
3.5E+08	23-Apr-14	23-Apr-14	14-Jul-14	83	12.50	9954621	199092	9755529
5.4E+08	26-May-14	26-May-14	14-Jul-14	50	12.50	9211300	184226	9027074
1.7E+10						**537620402**	**10613194**	**527007208**

Interest paid on 01.10.2014:								
5.1E+10		15-Jul-14	30-Sep-14	78	12.75	304283139		304283139
3.9E+08	25-Feb-13	15-Jul-14	30-Sep-14	78	12.50	10340867		10340867
1.8E+08	21-Mar-13	15-Jul-14	30-Sep-14	78	12.50	4853653		4853653
1.7E+08	28-Mar-13	15-Jul-14	30-Sep-14	78	12.50	4424792		4424792
3.5E+08	15-Apr-13	15-Jul-14	30-Sep-14	78	12.50	9429944		9429944
1.5E+08	28-Jun-13	15-Jul-14	30-Sep-14	78	12.50	4017468		4017468
3.8E+08	15-Jul-13	15-Jul-14	30-Sep-14	78	12.50	10206977		10206977
1.7E+08	23-Jul-13	15-Jul-14	30-Sep-14	78	12.50	4582223		4582223
2.5E+08	7-Aug-13	15-Jul-14	30-Sep-14	78	12.50	6736295		6736295
1.1E+08	29-Aug-13	15-Jul-14	30-Sep-14	78	12.50	2947587		2947587
3.5E+08	24-Sep-13	15-Jul-14	30-Sep-14	78	12.50	9422271		9422271
4.2E+08	15-Oct-13	15-Jul-14	30-Sep-14	78	12.50	11133252		11133252
4.4E+08	15-Jan-14	15-Jul-14	30-Sep-14	78	12.50	11810350		11810350
3.9E+08	12-Mar-14	15-Jul-14	30-Sep-14	78	12.50	10308056		10308056
7.8E+08	24-Mar-14	15-Jul-14	30-Sep-14	78	12.50	20917620		20917620
2.5E+08	28-Mar-14	15-Jul-14	30-Sep-14	78	12.50	6751865		6751865
4.6E+08	15-Apr-14	15-Jul-14	30-Sep-14	78	12.50	12223200		12223200
3.5E+08	23-Apr-14	15-Jul-14	30-Sep-14	78	12.50	9354945		9354945
5.4E+08	26-May-14	15-Jul-14	30-Sep-14	78	12.50	14369629		14369629
5.3E+08	15-Jul-14	15-Jul-14	30-Sep-14	78	12.50	14077595		14077595
1.8E+10						482191724		482191724
Charged to IDC during 2014-15 (upto 30.09.2014)								1977569248
Cumulative interest as on 30.09.2014								6,787,614,093
Finance charge:								
1.Commitment fees paid in 2008-09								614,523
2.Prepayment premium @ 2.5 on loan outstanding plus S.Tax @ 12.36% in 2014-15								500,786,404
Total finance charges								501,400,927
Cumulative interest as on 30.09.2014								6,289,014,993



Calculation of commitment fees:

Quarter	As per drawal schedule	Actual drawn	Quarter ending	Date of Drawal	From	To	No of Days upto the drawal	Commit. Fees @ 0.25%	From	To	No of Days upto Qrt. ending	Commit. Fees @ 0.25%	Total Payable	Service tax , E.Cess, HS.Cess @12.36%	Total including service tax	Vr.No
I	783,800000	0	30th June													
II	580200000	676480536	30th Sept	5/8/2008	1-Jul-08	4-Aug-08	35	187198	5-Aug-08	30-Sep-08	57	40923	228121	28209	256430	
III	1160400000	531972947	31st Dec	1/12/2008	1-Oct-08	30-Nov-08	61	286207	1-Dec-08	31-Dec-08	31	32496	318703	39391	358094	
IV	1353800000		31st March													
				Total				473405				73419	546824	67600	614523	



Summary drawal:

Year	Amount in lakh
2008-09	12084.53
2009-10	22123.10
2010-11	29382.41
2011-12	25286.10
2012-13	30146.09
2013-14	40529.56
2014-15	18727.44
Total	**178279.25**

Date wise drawal of PFC loan:

Year	Sl No	Date of drawal	Amount drawn	yearly drawal	Cumulative	Rate of interest(%)
2008-09:						
	1	5-Aug-08	676480536	676480536	676480536	12.00
	2	1-Dec-08	531972947	**1208453483**	1208453483	13.50
Balance as on 31.03.2009					**1208453483**	
2009-10:						
	3	27-May-09	303421956	303421956	1511875439	11.50
	4	5-Aug-09	302378563	605800519	1814254002	11.25
	5	1-Sep-09	309481911	915282430	2123735913	11.25
	6	21-Oct-09	326569039	1241851469	2450304952	11.25
	7	10-Dec-09	306561190	1548412659	2756866142	11.00
	8	22-Jan-10	360757049	1909169708	3117623191	11.00
	9	25-Mar-10	303140293	**2212310001**	3420763484	11.00
Balance as on 31.03.2010					**3420763484**	
	10	5-May-10	301824616	301824616	3722588100	11.00
	11	7-Jun-10	748562443	1050387059	4471150543	11.00
	12	9-Aug-10	123304395	1173691454	4594454938	11.00
	13	31-Aug-10	45811639	1219503093	4640266577	11.00
	14	19-Oct-10	450924631	1670427724	5091191208	11.25
	15	22-Nov-10	203041655	1873469379	5294232863	11.25
	16	18-Jan-11	450304979	2323774358	5744537842	11.25
	17	25-Feb-11	182740972	2506515330	5927278814	11.50
	18	29-Mar-11	431726107	**2938241437**	6359004921	11.75
Balance as on 31.03.2011					**6359004921**	
2011-12:						
	19	12-May-11	161885915	161885915	6520890836	11.75
	20	1-Jun-11	223083744	384969659	6743974580	12.25
	21	21-Jun-11	97935579	482905238	6841910159	12.25
	22	22-Jun-11	69673402	552578640	6911583561	12.25
	23	20-Sep-11	444707936	997286576	7356291497	12.75
	24	27-Oct-11	134278000	1131564576	7490569497	12.75
	25	9-Nov-11	315412877	1446977453	7805982374	12.75
	26	21-Dec-11	62185971	1509163424	7868168345	12.75
	27	**4-Jan-12**	197856654	1707020078	8066024999	12.75
	28	16-Jan-12	285753116	1992773194	8351778115	12.75
	29	7-Feb-12	144924343	2137697537	8496702458	12.75
	30	22-Feb-12	155318154	2293015691	8652020612	12.75
	31	27-Mar-12	235593894	**2528609585**	8887614506	12.75



Balance as on 31.03.2012					**8887614506**	
2012-13						
	32	16-Apr-12	269001685	269001685	9156616191	12.75
	33	24-May-12	130357118	399358803	9286973309	12.75
	34	12-Jun-12	138091713	537450516	9425065022	12.75
	35	16-Jul-12	289334284	826784800	9714399306	12.75
	36	10-Sep-12	300717506	1127502306	10015116812	12.75
	37	15-Oct-12	306347754	1433850060	10321464566	12.75
	38	17-Oct-12	109797179	1543647239	10431261745	12.75
	39	14-Nov-12	157008932	1700656171	10588270677	12.75
	40	15-Jan-13	331914738	2032570909	10920185415	12.75
	41	16-Jan-13	247571811	2280142720	11167757226	12.75
	42	25-Feb-13	387119624	2667262344	11554876850	12.50
	43	21-Mar-13	181700857	2848963201	11736577707	12.50
	44	28-Mar-13	165646090	**3014609291**	11902223797	12.50
Balance as on 31.03.2013					**11902223797**	
2013-14						
	45	15-Apr-13	353018404	353018404	12255242201	12.50
	46	28-Jun-13	150397524	503415928	12405639725	12.50
	47	15-Jul-13	382107339	885523267	12787747064	12.50
	48	23-Jul-13	171539618	1057062885	12959286682	12.50
	49	7-Aug-13	252179259	1309242144	13211465941	12.50
	50	29-Aug-13	110345550	1419587694	13321811491	12.50
	51	24-Sep-13	352731170	1772318864	13674542661	12.50
	52	15-Oct-13	416783277	2189102141	14091325938	12.50
	53	15-Jan-14	442131034	2631233175	14533456972	12.50
	54	12-Mar-14	385891329	3017124504	14919348301	12.50
	55	24-Mar-14	783069859	3800194363	15702418160	12.50
	56	28-Mar-14	252762120	**4052956483**	15955180280	12.50
2014-15:						
	57	15-Apr-14	457586461	457586461	16412766741	12.50
	58	23-Apr-14	350210768	807797229	16762977509	12.50
	59	26-May-14	537939947	1345737176	17300917456	12.50
	60	15-Jul-14	527007206	**1872744382**	**17827924662**	12.50
Total drawal					**17827924662**	

Loan prepaid on October 01,2014

Annexure I

Lending rate of PFC:

W.e.f	Interest Rate	Rebate	Net Interest rate
07/Jul/08	12.00%	0.25%	11.75%
29/Sep/08	13.50%	0.25%	13.25%
12/May/09	11.50%	0.25%	11.25%
31/Jul/09	11.25%	0.25%	11.00%
03/Dec/09	11.00%	0.25%	10.75%
03/Sep/09	11.25%	0.25%	11.00%
25/Feb/11	11.50%	0.25%	11.25%
07/Mar/11	11.75%	0.25%	11.50%
13/May/11	12.25%	0.25%	12.00%
27/Jul/11	12.75%	0.25%	12.50%
01/Feb/13	12.50%	0.25%	12.25%
		Average rate	**11.68%**

PSU Bonds:	Rs.in lakh
PSU bonds VIIth Series(2nd Tran	1,100.00
PSU bonds XIIth Series:	235,737.40
PSU bonds XVth Series:	54,625.83
PSU bonds XVIth Series:	60,000.00
PSU bonds XVIIth Series:	30,000.00
PSU bonds XVIIIth Series:	15,951.57
PSU bonds XIXth Series:	30,000.00
PSU bonds XXth Series:	30,000.00
PSU bonds XXIst Series:	15,000.00
PSU bonds XXIInd Series:	30,000.00
Total	515,818.21

1.PSU bonds VIIth Series(2nd Tranche):

Calculation of Interest on Bond (VIIth Series-2nd Tranche)

Year	Principal	Rate of Interest	IDC	Finance charge	Total
2006-07	110000000	9.40%	3863118	385.71	3863503
2007-08	110000000	9.40%	10831000	57019	10888019
2008-09	110000000	9.40%	10831000	46115	10877115
2009-10	110000000	9.40%	10831000	46885	10877885
2010-11	110000000	9.40%	10831000	57487	10888487
2011-12 upto Dec'11	110000000	9.40%	8161116	7799	8168715
Total			64333514	195661	64529175
Jan,12 to March ,12			2621180		2621180
Total			66954694	195661	67149855

2.PSU bonds XIV th Series:

Date of allotment: 01.10.2014
Amount mobilised: 29.09.2014
Interest due half-yearly on 1st Apl & 1st Oct

Allocation			
		In crore	Rs. In lakh
Kanning	3287.0740000	3287.374	328737.40
Tuticr	1846.5500000	184.636	18462.60
Solar PP	1000000000	10.00	1000.00
PSU Bonds XIVth series	25000000000	3500.00	350000.00

3.PSU bonds XV th Series:

Date of allo 25.03.2015
Amount mo 30.09.2015
Interest due half-yearly on 15th Dec & 15th June

Allocation	Amount	Ratio	In lakh
Kanning	546158.6000	90.84%	54625.83
TUBPP	55841.3000	9.26%	5584.17
	6000000000	100.00%	60000.00

4.PSU bonds XVIth Series:

Date of a 30.09.2015
Amount m 30.09.2015
Interest due half-yearly on 15th Dec & 15th June

Allocation	Rs. In lakh	Ratio
1 Kanning	30000.00	50.42%
2 Pure	30000.00	50.13%
Total	60000.00	#####

5.PSU bonds XVIIth Series (alootment date 27.03.2017)

Allocation	Rs. In lakh	Ratio
1 Kanning	30000.00	100.00%

6.PSU bonds XVIIIth Series:

Date of allotment & amount : 15.11.2017

Interest due half-yearly on 15th May & 15th Nov

Allocation	Rs. In lakh	Ratio
1 Kanning	16951.43	33.91%
2 Tuticl	33048.57	66.09%
Total	50000.00	100.00%

7.PSU bonds XIXth Series:

Date of allotment:15.11.2018

Interest due half-yearly on 10th Aug & 10th Feb

Allocation	Rs. In lakh	Ratio
1 Kanning	30000.00	100.00%
Total	30000.00	

8.PSU bonds XXth Series:

Date of allotment:29.11.2018

Interest due half-yearly on 29th May & 29th Nov

Allocation	Rs. In lakh	Ratio
1 Kanning	30000.00	100.00%
Total	#####	

1. XIVth series- Rs.3500 crore:

	Principal	Rate	From	To	No.of days	Cash flow	Interest	RatIEP	TotIat	SolarPP
2014-15:										
Interest on application money	7500000000	9.60%	29-Sep-14	30-Sep-14	2		1315068	1203114	971183	141286
Interest paid	7500000000	9.60%	1-Oct-14	31-Mar-15	182		119671233	109493146	88371694	12852329
Total							120986301	110696261	89342877	1.3E+07
2015-16:										
Interest paid	7500000000	9.60%	1-Apr-15	30-Sep-15	183		120328767	110094572	88863236	12978857
Interest paid	7500000000	9.60%	1-Oct-15	31-Mar-16	183	48000	120000000	109793910	88620480	12944000
Total							240328767	219888593	177483716	2.7E+07
2016-17:										
Interest paid	7500000000	9.60%	1-Apr-16	30-Sep-16	183	48000	120000000	109793910	88620480	12944000
Interest paid	7500000000	9.60%	1-Oct-16	31-Mar-17	182	47668	119616000	108857561	87896740	12838246
Total							239616000	218651234	176517220	2.7E+07
2017-18:										
Interest paid	7500000000	9.60%	1-Apr-17	1-Oct-17	183	48000	120000000	109793910	88620480	12944000
Interest accrued	7500000000	9.60%	1-Oct-17	31-Mar-18	180		118356164	108289521	87406301	12725890
Total							238356164	218083429	176026781	2.7E+07
2018-19:										
Interest paid	7500000000	9.60%	1-Oct-17	1-Apr-18	181	47668	119178000	109493196	88375774	12903040
Interest paid	7500000000	9.60%	2-Apr-18	30-Sep-18	182	48132	120336000	110093682	88864180	12976960
Interest accrued	7500000000	9.60%	1-Oct-18	31-Mar-19	182	47668	119178000	109493196	88375774	12903040
Total							358692000	329079992	265615728	4E+07
2019-20:										
Interest paid	7500000000	9.60%	1-Oct-18	31-Mar-19	182	47668	119178000	109493196	88375774	12903040
Interest paid	7500000000	9.60%	1-Apr-19	30-Sep-19	183	48132	120336000	110093682	88864180	12976960
Interest paid	7500000000	9.60%	1-Oct-19	31-Mar-20	183	48000	120000000	109793910	88620480	12944000
Total							359514000	329381788	265860434	4E+07
2020-21:										
Interest paid	7500000000	9.60%	1-Apr-20	16-Jun-20	77	50197	50452000	46198787	37288913	5445200
Interest paid	7500000000	9.60%	17-Jun-20	30-Jun-20	14	9672	9180000	8409286	6786457	991200
Interest paid	7500000000	9.60%	1-Jul-20	30-Sep-20	92	24136	60327000	55258929	44603280	6513600
Interest accrued	7500000000	9.60%	1-Oct-20	30-Nov-20	61		12082192	11067000	8931674	1304383
Total							132039192	120933902	97610324	1.4E+07
Charged to project (IDC)								132143371		

2.XVth series : Rs.600 crore:

2014-15:	Principal	Rate	From	To	No.of days	Cash flow	Interest	RatIEP	TotPP
Interest accrued	600000000	9.15%	25-Mar-15	31-Mar-15	7		1054795	948021	1048344
Total							1054795	948021	1048344
2015-16:									
Interest paid	600000000	9.15%	25-Mar-15	24-Sep-15	184	46000	2760000	2481381	2748185
Interest paid	600000000	9.15%	25-Sep-15	17-Mar-16	183	46250	2775000	2494694	2763536
Interest accrued	600000000	9.15%	18-Mar-16	31-Mar-16	9		135534	121884	134959
Total							5535534	5098011	5646679
2016-17:									
Interest paid	600000000	9.15%	18-Mar-16	25-Sep-16	182	45625	2737500	2461844	2725715
Interest paid	600000000	9.15%	26-Sep-16	26-Mar-17	182	45625	2737500	2461844	2725715
Interest accrued	600000000	9.15%	27-Mar-17	31-Mar-17	5		75240	67671	74881
Total							5550240	4991359	5526311
2017-18:									
Interest paid	600000000	9.15%	27-Mar-17	24-Sep-17	182	45625	2737500	2461844	2725715
Interest paid	600000000	9.15%	25-Sep-17	25-Mar-18	182	45625	2737500	2461844	2725715
Interest accrued	600000000	9.15%	26-Mar-18	31-Mar-18	6		90164	81106	89811
Total							5564864	5004794	5541241
2018-19:									
Interest paid	600000000	9.15%	26-Mar-18	24-Sep-18	183	45875	2752500	2476435	2740835
Interest paid	600000000	9.15%	25-Sep-18	24-Mar-19	181	45375	2722500	2449308	2710596
Interest accrued	600000000	9.15%	25-Mar-18	31-Mar-19	7		105273	94683	104803
Total							5580273	5020426	5556234
2019-20:									
Interest paid	600000000	9.15%	25-Mar-19	25-Sep-19	183	45750	2745000	2469344	2733036
Interest paid	600000000	9.15%	26-Sep-19	24-Mar-20	181	45250	2715000	2442308	2703178
Interest accrued	600000000	9.15%	25-Mar-20	31-Mar-20	7		105000	94471	104600
Total							5565000	5006123	5540815
2020-21:									
Interest paid	600000000	9.15%	25-Mar-20	16-Jun-20	84	31058	1863480	1676791	1856047
Interest paid	600000000	9.15%	17-Jun-20	30-Jun-20	14	9510	2106000	1895190	2097374
Interest paid	600000000	9.15%	1-Jul-20	24-Sep-20	86	31058	6834000	6149460	6805435
Interest accrued	600000000	9.15%	25-Sep-20	30-Nov-20	67		4767123	4289211	4747671
Total							15570603	14010652	15506527
Charged to project (IDC)								25518831147	

5. XVIIth series - Rs.900 crore:

2015-16:	Principal	Rate	From	To	No.of days	Cash flow	Interest	KalHEP	Pare
Interest_paid	900000000	8.68%	30-Sep-15	14-Dec-15	76	16073	15263.7000	1084.30000	542.15000
Interest_accrued	900000000	8.68%	15-Dec-15	31-Mar-16	108		21693.0000	1540.95600	770.47847
Total							36956.7000	2625.25600	1312.62848
2016-17:									
Interest_paid	900000000	8.68%	15-Dec-16	14-Jun-16	183	41400	36900.0000	2620.80000	1310.00000
Interest_paid	900000000	8.68%	15-Jun-16	14-Dec-16	183	41400	36900.0000	2620.80000	1310.00000
Interest_accrued	900000000	8.68%	15-Dec-16	31-Mar-17	107		21586.5000	2126.72877	763.36439
Total							101139.3115	67347.8877	33673.4438
2017-18:									
Interest_paid	900000000	8.68%	15-Dec-16	14-Jun-17	182	41181	36711.9000	2606.80000	1303.40000
Interest_paid	900000000	8.68%	15-Jun-17	14-Dec-17	183	43018	38316.1000	2611.14000	1305.57000
Interest_accrued	900000000	8.68%	15-Dec-17	31-Mar-18	107		21586.5000	2126.72877	763.36439
Total							101139.3115	67347.8877	33673.4438
2018-19:									
Interest_paid	900000000	8.68%	15-Dec-17	14-Jun-18	182	45181	36911.9000	2598.80000	1299.40000
Interest_paid	900000000	8.68%	15-Jun-18	14-Dec-18	183	47019	39116.1000	2611.14000	1305.57000
Interest_accrued	900000000	8.68%	15-Dec-18	31-Mar-19	107		21586.5000	2126.72877	763.36439
Total							101139.3115	67347.8877	33673.4438
2019-20:									
Interest_paid	900000000	8.68%	15-Dec-18	14-Jun-19	182	43163	36914.7000	2589.78000	1294.89000
Interest_paid	900000000	8.68%	15-Jun-19	15-Dec-19	184	43637	39273.3000	2618.23000	1309.11000
Interest_accrued	900000000	8.68%	16-Dec-19	31-Mar-20	107		21838.5027	2127.72739	763.36438
Total							100026.5027	67345.7274	33672.8644
2020-21:									
Interest_paid	900000000	8.68%	16-Dec-19	14-Jun-20	182	41181	36914.7000	2598.80000	1299.40000
Interest_paid	900000000	8.68%	15-Jun-20	16-Jun-20	2		426.8805.7	284.590	142.2951
Interest_paid	900000000	8.68%	17-Jun-20	30-Jun-20	14		2988196.7	2494.0983	996.0656
Interest_accrued	900000000	8.68%	1-Jul-20	30-Nov-20	153		32658.7213	3088.0.738	3088.0.739
Total							75034.2933	5871.08412	5500.82481
Charged to project (10C)								33451.59678	

6. XVIIIth series - Rs.300 crore:

2016-17	Principal	Rate	From	To	No.of days	Cash flow	Interest	KalHEP
Interest_accrued	300000000	7.80%	17-Mar-17	31-Mar-17	8		3205479	3205479
Total							3205479	3205479
2017-18:								
Interest_paid	300000000	7.80%	17-Mar-17	16-May-17	61	13536	9539800	9539800
Interest_paid	300000000	7.80%	17-May-17	16-Nov-17	184	39331	11796.3000	11796.3000
Interest_accrued	300000000	7.80%	17-Nov-17	31-Mar-18	135		801.3696	801.36986
Total							337207994	337207994
2018-19:								
Interest_paid	300000000	7.80%	17-Nov-17	16-May-18	181	38679	11603.7000	11603.7000
Interest_paid	300000000	7.80%	17-May-18	16-Nov-18	184	39331	11796.3000	11796.3000
Interest_accrued	300000000	7.80%	17-Nov-18	31-Mar-19	135		801.3696	801.36986
Total							314136994	314136994
2019-20								
Interest_paid	300000000	7.80%	17-Nov-18	16-May-19	181	38679	11603.7000	11603.7000
Interest_paid	300000000	7.80%	17-May-19	16-Nov-19	184	39213	11763.9000	11763.9000
Interest_accrued	300000000	7.80%	17-Nov-19	31-Mar-20	135		801.3696	801.36986
Total							314133377	314133377
2020-21:								
Interest_paid	300000000	7.80%	17-Nov-19	16-May-20	182	38787	11636.1000	11636.1000
Total							118361000	118361000
Charged to project (10C)								983144838

7. XVIIIth series - Rs.300 crore:

2017-18:	Principal	Rate	From	To	No.of days	Cash flow	Interest	KalHEP	Total
Interest_accrued	300000000	7.68%	15-Nov-17	31-Mar-18	137		1441.3150	4887.5052	95.2584
Total							144133307	4887.5052	95.2584
2018-19:									
Interest_paid	300000000	7.68%	15-Nov-17	14-May-18	181	38084	11424.0000	6427.5.48	1254.8552
Interest_paid	300000000	7.68%	15-May-18	14-Nov-18	184	38716	11614.8000	6564.8052	1279.8095
Interest_accrued	300000000	7.68%	15-Nov-18	31-Mar-19	137		1441.3150	4887.5052	95.2584
Total							136631507	17969.9103	3503.9232
2019-20:									
Interest_paid	300000000	7.68%	15-Nov-18	14-May-19	181	38084	11424.0000	6427.5.48	1254.8552
Interest_paid	300000000	7.68%	15-May-19	14-Nov-19	184	38716	11614.8000	6564.8052	1279.8095
Interest_accrued	300000000	7.68%	15-Nov-19	31-Mar-20	138		1441.3150	4887.5052	95.2584
Total							136631507	17969.9103	3503.9232
2020-21:									
Interest_paid	300000000	7.68%	15-Nov-19	14-May-20	182	38295	11547.2000	6402.5.48	1250.8552
Interest_paid	300000000	7.68%	15-May-20	16-Jun-20	33	6921	2462.4000	1274.8052	2.8.8.8.8
Interest_paid	300000000	7.68%	17-Jun-20	30-Jun-20	14	2938	1.4.8.8.8.0	2.8.8.8.8	8.8.8.8.8
Interest_paid	300000000	7.68%	1-Jul-20	14-Nov-20	137	28748	1.4.8.8.8.0	2.8.8.8.8	8.8.8.8.8
Interest_accrued	300000000	7.68%	15-Nov-20	30-Nov-20	16		1.8.8.8.8	2.8.8.8.8	8.8.8.8.8
Total							46136.8477	13761.1452	2633.0519
Charged to project (10C)								51480.8701	

8. XIXth series - Rs.350 crore:

2017-18:	Principal	Rate	From	To	No.of days	Cash flow	Interest	KalHEP
Interest_accrued	300000000	8.75%	6-Mar-18	31-Mar-18	26		1.8.8.8.8.0	1.8.8.8.8.0
Total							18098630	18098630
2018-19:								
Interest_paid	300000000	8.75%	6-Mar-18	9-Aug-18	157	37637	11291.1000	11291.1000
Interest_paid	300000000	8.75%	10-Aug-18	9-Feb-19	184	44110	13233.0000	13233.0000
Interest_accrued	300000000	8.75%	10-Feb-19	31-Mar-19	50		3595.8904	3595.8904
Total							101199954	101199954
2019-20								
Interest_paid	300000000	8.75%	10-Feb-19	9-Aug-19	181	43390	13017.0000	13017.0000
Interest_paid	300000000	8.75%	10-Aug-19	9-Feb-20	184	44110	13233.0000	13233.0000
Interest_accrued	300000000	8.75%	10-Feb-20	31-Mar-20	51		3677.8904	3677.8904
Total							101977868	101977868
2020-21:						43344		
Interest_paid	300000000	8.75%	10-Feb-20	16-Jun-20	128	30601	9180.3000	9180.3000
Interest_paid	300000000	8.75%	17-Jun-20	30-Jun-20	14	3347	1004.1000	1004.1000
Interest_paid	300000000	8.75%	1-Jul-20	9-Aug-20	40	9563	2869.0000	2869.0000
Interest_accrued	300000000	8.75%	10-Aug-20	30-Nov-20	113		8.8.7.1	8.8.7.1
Total							21890513	15415.1913
Charged to project (10C)								753.90118

9. XXth series - Rs.300 crore:

2018-19:	Principal	Rate	From	To	No.of days	Cash flow	Interest	KalHEP
Interest_accrued	300000000	9.50%	29-Nov-18	31-Mar-19	123		9604.1096	9604.1096
Total							9604.1096	9604.1096
2019-20:								
Interest_paid	300000000	9.50%	29-Nov-18	28-May-19	181	47110	14133.0000	14133.0000
Interest_paid	300000000	9.50%	29-May-19	28-Nov-19	184	47890	14367.0000	14367.0000
Interest_accrued	300000000	9.50%	29-Nov-19	31-Mar-20	124		9693.7123	9693.7123
Total							38193.7123	38193.7123
2020-21:								
Interest_paid	300000000	9.50%	29-Nov-19	28-May-20	181	47245	14173.5000	14173.5000
Interest_paid	300000000	9.50%	29-May-20	16-Jun-20	19	4933	1479.9000	1479.9000
Interest_paid	300000000	9.50%	17-Jun-20	30-Jun-20	14	3634	1090.2000	1090.2000
Interest_paid	300000000	9.50%	1-Jul-20	28-Nov-20	151	39194	11758.2000	11758.2000
Interest_accrued	300000000	9.50%	29-Nov-20	30-Nov-20	2		156.1644	156.1644
Total							38414.1644	38414.1644
Charged to project (10C)								731861108





9. XXIst series : Rs.150 crore:

2019-20:	Principal	Rate	From	To	No.of days	Cash flow	Interest	KaHEP
Interest paid	15000000000	8.69%	26-Sep-19	25-Mar-20	182	43113	6481350	6481350
Interest accrued	15000000000	8.69%	26-Mar-20	31-Mar-20	6		213685	213685
Total							68916385	68956385
2020-21:	**Principal**	**Rate**	**From**	**To**	**No.of days**	**Cash flow**	**Interest**	**KaHEP**
Interest paid	15000000000	8.69%	26-Mar-20	16-Jun-20	83	29707	2956500	2956500
Interest paid	15000000000	8.69%	17-Jun-20	30-Jun-20	14	1004	498600	3279300
Interest paid	15000000000	8.69%	1-Jul-20	25-Sep-20	87	29658	2984400	13463900
Interest accrued	15000000000	8.69%	26-Sep-20	30-Nov-20	66		2213537	15677269
Total							89130637	68577269
Charged to project (DVC)								127333454

10. XXIInd series : Rs.500 crore:

2020-21:	Principal	Rate	From	To	No.of days	Cash flow	Interest	KaHEP
Interest accrued	50000000000	7.55%	30-Jun-20	16-Jun-20	7		721994	721994
Interest accrued	50000000000	7.55%	17-Jun-20	30-Jun-20	14		1443988	2165982
Interest accrued	50000000000	7.55%	1-Jul-20	30-Nov-20	153		15780777	17946559
Charged to project (DVC)							17946771	95551552
								345533227

Summary of interest on bonds KaHEP

	Rs.in lakh										Total
Year	VIIIth series	XIVth Series	XVth Series	XVIIth series	XVIIIth series	XVIIIth series	XIXth series	XXth series	XXIst series	XXIInd ser	
2006-07	108.35										108.35
2007-08	108.35										108.35
2008-09	108.35										108.35
2009-10	108.35										108.35
2010-11	108.35										108.35
2011-12	107.91										107.91
2012-13											-
2013-14											-
2014-15		11,069.64	94.80								11,164.44
2015-16		21,994.87	5,658.06	7,671.37							35,648.09
2016-17		21,869.53	4,967.57	6,714.23	33.05						33,631.48
2017-18		21,848.05	5,011.53	6,714.23	1,372.08	468.75	186.99				36,601.72
2018-19		21,962.88	5,024.66	6,714.23	1,145.37	1,799.98	1,863.00	960.45			41,372.86
2019-20		12,438.19	5,007.91	6,705.56	1,145.37	1,791.13	1,866.76	1,811.37	669.56		32,106.57
2020-21		9,477.51	2,714.41	1,863.28	1,036.32	1,041.12	2,342.64	601.77	969.54		19,256.59
Total	649.51	151,149.58	37,518.83	33,419.30	8,851.45	6,149.68	7,533.88	7,218.63	1,275.33	969.54	345,533.83

345,533.83



Allocation:

1.PSU Bonds XIVth series Rs.2500 cr.

Allocation	Rs. in lakh	Ratio
1. Kameng HEP	229737.40	91.89%
2. Tuirial HEP	18462.60	7.39%
3. Solar PP, Monarchak	2800.00	1.12%
Total	250000.00	100.00%

2.PSU Bonds XVth series Rs.600 cr.

	Rs. in lakh	Ratio
1.Kameng	54025.83	90.04%
2.TGBPP	5974.17	9.96%
Total	60000.00	100.00%

3.PSU Bonds XVth series Rs.900 cr.

	Rs. in lakh	Ratio
1.Kameng	60000.00	66.67%
2.TGBPP	30000.00	33.33%
Total	90000.00	100.00%

4.PSU bonds XVIth Series:
Interest due half-yearly on 15th Dec & 15th June

Allocation	Rs. in lakh	Ratio
1.Kameng	60000.00	66.67%
2.Pare	30000.00	33.33%
Total	90000.00	100.00%

5.PSU bonds XVIIth Series:(allotment date 27.03.2017)

Allocation	Rs. in lakh	Ratio
1.Kameng	30000.00	100.00%

6.PSU bonds XVIIth Series:(allotment date 15.11.2017)

Allocation	Rs. in lakh	Ratio
1.Kameng	19955.02	33.91%
2.Tuirial	33044.98	66.09%
Total	59000.00	100.00%

7.PSU bonds XIXth Series:(Allotment date 06.03.2018)

Allocation	Rs. in lakh	Ratio
1.Kameng	30000.00	100.00%
Total	30000.00	

8.PSU bonds XXth Series: (Allotment date 29.11.2018)

Allocation	Rs. in lakh	Ratio
1.Kameng	30000.00	100.00%
Total	30000.00	

A.Initial Finance charges-One time:

2014-15:

Sl	PSU BONDS XIV series:One time fees	Total	KaHEP	Tuirial	Solar PP
1	Arrangers' fees @ 0.05%	14040000	12850467	1037229	157304
2	Fees for adjudication of Trust Deed including stamp duty	2070000	1893946	152870	23184
4	Initial credit rating fee - CARE	325844	298131	24064	3649
5	Initial credit rating fee - ICRA	421350	385514	31117	4719
6	RTA fees-MCS	2809	2570	207	31
7	Corporate action fee for conversion of LOA to debentures	1124	1028	83	13
8	SBICAP Initial acceptance fee	141450	129398	10447	1584
10	Land valuation expenses paid to M/s Singhi & Co.	6881	6278	508	77
12	Corporate action fees-NSDL	2247	2247		
11	Professional fees -Singhi & Co	180000	164691	13293	2016
12	Out of pocket expenses -Singhi & Co	17420	15939	1286	195
13	Out of pocket expenses -SBICAP	24789	22677	1834	278
14	Listing fees-BSE-Initial	38708	38708		
	Total after rectification	17277662	15811682	1272958	193022

17276478 1124

Sl	PSU BONDS XV series:One time fees	Total	KaHEP	TGBPP
1	Fees for adjudication of Trust deed including stamp duty-Singhi & Co	2257410	2032641	224769
2	Certification fees-Munoli & Associates	5618	5059	559
3	Initial credit rating fee - CARE	157304	141641	15663
4	SBICAP Initial acceptance fee	113360	102073	11287
5	Listing fees-Bombay Stock Exchange	38708	34854	3854
6	Out of pocket exps-as supplementary-SBICAP Trustee	11408	10272	1136
7	Corporate action fee for conversion of LOA to debentures	1124	1012	112
8	RTA fees-MCS	2809	2529	280
Total (share of TGBPP rectified in the Q1 of 201		2587741	2330081	257660

2015-16:

Sl	PSU BONDS XVI series One time fee	Total	KaHEP	ParoHEP
1	Initial credit rating-CRISIL	1368000	912000	456000
2	Initial credit rating-CARE	239400	159600	79800
3	Initial credit rating-ICRA	456000	304000	152000
4	Arranger fees	1026000	684000	342000
5	Corporate action-NSDL	1140	760	380
6	Trusteeship fees-SBICAP Trustee	115000	76667	38333
7	Listing fees-Bombay Stock Exchange	39200	26133	13067
8	Fees for search report -R Pal	7648	5099	2549
9	Fees for adjudication of Trust deed including stamp duty-Singhi & Co	2070000	1380000	690000
10	Professional fees-Singhi & Co	180000	120000	60000
11	Out of pocket exps-Singhi & Co	7000	4667	2333
12	Fees for title search report-Singhi & Co	22500	15000	7500
13	RTA fees-MCS	23940	15960	7980
14	Corporate action fee for conversion of LOA to debentures	1145	763	382
15	Corporate action-NSDL	1145	760	380
16	SBICAP Trustee-Out of pocket exp	10453	6969	3484
17	SBICAP Annual Trusteeship fee [w.e.f.30.09.2015 to 31/3/2016]	28782	6969	21813
	fees for change of RTA	3434	5969	-4535
18	Advertisement exps -NSI	1360746	907165	453581
	Total (after rectification)	6960530	4633481	2327049
	Transferred from other exp-bonds-621022	6960531	4640354	2320177

B.Annual fees:

2014-15:

Sl	PSU Bonds XIVth Series	Total	KaHEP	Turial	Solar PP	TGBPP
1	SBICAP Annual Trusteeship fee [w.e.f.1/3/14 to 31/3/15]	45252	41396	3349	507	
	PSU Bonds XVth Series					
	Total	0	0	0	0	0
	Total during 2014-15	45252	41396	3349	507	0
	Total (One time + annual)	19910595	18183069	1533967	193557	0

2015-16:

Sl	1.PSU Bonds XVth Series	Total	KaHEP	Turial	Solar PP	TGBPP
1	SBICAP Annual Trusteeship fee	84270	77103	6223	944	
2	CARE Surveillance fees (Sept 12,2015 to Sept 11,2016)	102600	93873	7578	1149	
3	ICRA Surveillance fees (From Sept'15 to May'16)	119700	109515	8840	1341	
4	BSE annual listing fees	33708	30841	2489	378	
5	MCs-RTA	2809	2570	208	31	
6	CDSL custodian fees	64427	58945	4756	722	
7	NSDL custodian fees	50724	46410	3746	568	
9	R.Pal & Co-Certification aggregating Rs.323	8842	8260	505	77	
10	R.Pal & Co-Certification aggregating Rs.310	1839	1682	136	21	
11	R.Pal & Co-Certification aggregating Rs.423	5410	4950	400	60	
12	Nundi-Certificatioe aggregating Rs.2500	4600	4209	340	51	
13	NSDL-fees for change of RTA	3382	3093	250	38	
14	CDSL-fees for change of RTA	3381	3093	250	38	
	2.PSU Bonds XVth Series					
1	SBICAP annual fees	57000	51325			5675
	SBICAP annual fees [w.e.f.25.03.2015 to 31.03.2015]	1093	984			109
2	CDSL annual fees paid on 16.02.2016	15461	13922			1539
3	NSDL annual fees paid on 06.01.2016.2016	12174	10962			1212
4	CARE Surveillance fees	45600	41040			4560
	NSDL corporate action	1124	1013			111
5	Nundi-Certification aggregating Rs.3100	1100	990			110
6	R.Pal & Co-Certification aggregating Rs.323	1642	1479			163
7	R.Pal & Co-Certification aggregating Rs.310	441	397			44
8	R.Pal & Co-Certification aggregating Rs.423	1299	1170			129
9	NSDL-fees for change of RTA	812	731			81
10	CDSL-fees for change of RTA	812	731			81
	Total	138756	124944	0	0	13814

Sl	3.PSU Bonds XVIth Series	Total	KaHEP	Turial	Solar PP	TGBPP	ParoHEP
1	SBICAP Annual Trusteeship fee [w.e.f.30.09.2015 to 31/3/2016]						
2	CARE Surveillance fees		0				0
3	ICRA Surveillance fees						
4	CRISIL Surveillance fees		0				0
5	R.Pal & Co-Certification aggregating Rs.4230.50						
6	NSDL-fees for change of RTA						
7	CDSL-fees for change of RTA						
8	NSDL-Corporate action fees	5725	3817				1908
9	NSDL annual fees paid on 06.01.2016.2016	18260	12173				6087
	Total	23985	15990	0	0	0	7995

Summary-2015-16	Total	KaHEP	Turial	Solar PP	TGBPP	ParoHEP
Total annual charges- 2015-16 bonds	646430	583480	35723	5418	13814	7995
Total of annual + one time fees	7606960	5216861	2362772	5418	13814	7995
Reversal of trustee fees on rectification of pro	-144900	-33000			-111900	
Net charge to projects	7462060	5183861	2362772	5418	-98086	7995

2016-17

	1.PSU Bonds XIVth Series	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	BSE annual listing fees	34350	31429	2537	385		
2	NSDL annual custody fees (Rs.4232.5)	50724	46410	3746	568		
3	CDSL annual custody fees (Rs.4232.5)	50724	46410	3746	568		
4	SBICAP annual trustee fees	85875	78571	6342	962		
5	ICRA-Rating surveillance fees	180300	148667	11838	1795		
6	CARE-Rating surveillance fees	103,500	94698	7643	1159		
7	R pal certification fees-Qrtly Asset cover-30.09.16	1,438	1316	106	16		
	Total	486911	445501	35958	5453	0	0
	2.PSU Bonds XVth Series	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	BSE annual listing fees	34350	30930			3420	
2	NSDL annual custody fees (Rs.4232.5)	12174	10962			1212	
3	CDSL annual custody fees (Rs.4232.5)	12174	10962			1212	
4	SBICAP annual trustee fees	57250	51550			5700	
5	CARE rating surveillance fees	46,000	41420			4580	
6	R pal certification fees-Asset cover ratio	345	311			34	
	Total	162293	146135	0	0	16158	0
	3.PSU Bonds XVIth Series	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	BSE annual listing fees	34350	22900				11450
2	NSDL annual custody fees (Rs.4232.5)	18260	12173				6087
3	CDSL annual custody fees (Rs.4232.5)	18260	12173				6087
4	SBICAP annual trustee fees	57250	38167				19083
5	CRISil annual fees	468821	312547				156274
6	ICRA annual rating fee	166975	111315				55660
7	CARE annual rating fee	69000	46000				23000
8	R pal certification fees-Asset cover ratio	518	345				173
	Total	833430	555624	0	0	0	277814
Add:	Amortisation of bond expenses:- 2016-17	369096	294,319				73780

2017-18

	1.PSU Bonds XIVth Series	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	BSE annual listing fees	34500	31586	2546	386		
2	NSDL annual custody fees	47573	43527	3513	533		
3	CDSL annual custody fees	47573	43527	3513	533		
4	SBICAP annual trustee fees	88500	80973	6536	991		
5	ICRA-Rating surveillance fees	161000	147308	11890	1802		
6	CARE-Rating surveillance fees	106,200	97169	7842	1189		
			0	0	0		
	Total	485346	444070	35840	5435	0	0
	2.PSU Bonds XVth Series	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	BSE annual listing fees	34500	31065			3435	
2	NSDL annual custody fees	11417	10280			1137	
3	CDSL annual custody fees	11417	10280			1137	
4	SBICAP annual trustee fees	59,000	53125			5875	
5	CARE rating surveillance fees	47,200	42500			4700	
		0				0	
	Total	163534	147250	0	0	16284	0
	3.PSU Bonds XVIth Series	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	BSE annual listing fees	34500	23000				11500
2	NSDL annual custody fees	17126	11417				5709
3	CDSL annual custody fees	17126	11417				5709
4	SBICAP annual trustee fees	57500	38333				19167
5	CRISil annual fees	690000	460000				230000
6	ICRA annual rating fee	201292	134167				67083
7	CARE annual rating fee	70800	47200				23600
8	R pal certification fees-Asset cover ratio		0				0
	Total	1088318	725534	0	0	0	362768
Add:	Amortisation of bond expenses:- 2017-18	353197	235464				117733

	3.PSU Bonds XVIIth Series	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	BSE annual listing fees		0				
2	NSDL annual custody fees	5709	5709				
3	CDSL annual custody fees	5709	5709				
4	SBICAP annual trustee fees	59836	59836				
5	ICRA annual rating fee	14376	14376				
6	CARE annual rating fee	47,200	47200				
7	Singhi & Co reimbursement-DTD	19,750	19750				
8	Singhi & Co-search report-DTD	22,420	22420				
9	R pal fees-search report	5,900	5900				
10	R pal certification fee	9,440	9440				
11	SBICAP reimbursement-DTD	806	806				
12	SBICAP reimbursement-DTD	118	118				
	Total	191236	191236	0	0	0	0
Add:	Amortisation of bond expenses:- 2017-18	576836	576,836				
	PSU Bonds XVIIIth Series	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	SBICAP trustee fee (15.11.17 to 31.3.18 for	22,145	7,509	14,636			
2	Singhi out of pocket exps	7,450	2,528	4,924			
3	R pal fees-search report	5,900	2,001	3,899			
4	R pal certification fee	4,720	1,601	3,119			
	Total	40,215	13,637	26,578	0	0	0

2018-19-

	1.PSU Bonds XIVth Series	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	BSE annual listing fees	35400	32389	2614	396		
2	NSDL annual custody fees	41481	37962	3064	465		
3	CDSL annual custody fees	42746	39110	3157	479		
4	SBICAP annual trustee fees	88500	80973	6536	991		
5	ICRA-Rating surveillance fees	165200	151151	12200	1850		
6	CARE-Rating surveillance fees	106200	97168	7843	1189		
7	RTA	755	691	56	8		
	Total	480282	439444	35470	5378	0	0

439444

	2.PSU Bonds XVth Series	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	BSE annual listing fees	35400	31875			3525	
2	NSDL annual custody fees	9958	8966			992	
3	CDSL annual custody fees	10259	9238			1021	
4	SBICAP annual trustee fees	59000	53125			5875	
5	CARE rating surveillance fees	47,200	42500			4700	
6	RTA	181	163			18	
	Total	151998	146867	0	0	16131	0

	3.PSU Bonds XVIth Series	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	BSE annual listing fees	35400	23600				11800
2	NSDL annual custody fees	14937	9958				4979
3	CDSL annual custody fees	15389	10259				5130
4	SBICAP annual trustee fees	59000	39333				19667
5	CRISI annual fees	708,000	472000				236000
6	ICRA annual rating fee	206500	137667				68833
7	CARE annual rating fee	70,800	47200				23600
8	RTA	272	181				91
	Total	1150298	740198	0	0	0	370100
Add:	Amortisation of bond expenses-: 2018-19	373174	248783				124391

	3.PSU Bonds XVIth Series	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	BSE annual listing fees	35400	35400				
2	NSDL annual custody fees	4979	4979				
3	CDSL annual custody fees	5130	5130				
4	SBICAP annual trustee fees	59000	59000				
5	ICRA annual rating fee	59000	59000				
6	CARE annual rating fee	47,200	47200				
7	RTA	91	91				
8	NSDL corporate action fee	61	61				
	Total	210861	210861	0	0	0	0
Add:	Amortisation of bond expenses-: 2018-19	914324	914324				

	PSU Bonds XVIIth Series	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	BSE-annual listing fee	35,400	12,004	23,396			
2	NSDL annual custody fees	8298	2,814	5,484			
3	CDSL annual custody fees	8549	2,899	5,650			
4	SBICAP annual trustee fees	59000	20,007	38,993			
5	ICRA annual rating fee	79,667	26,676	51,991			
6	CARE annual rating fee	110,625	37,513	73,112			
7	RTA	151	51	100			
8	NSDL corporate action fee	2,360	800	1,560			
	Total	303,650	102,764	200,286	0	0	0
Add:	Amortisation of bond expenses-: 2018-19	366,394	122,334	237,960			

	PSU Bonds XIXth Series	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	BSE-annual listing fee	35,400	35400				
2	NSDL annual fees	4979	4979				
3	CDSL annual fees	5130	5130				
4	ICRA rating surveillance fees	47,200	47200				
5	CARE annual rating fee	88,375	88375				
6	Singhi reimbursement	12,180	12180				
7	Singhi reimbursement	13,600	13600				
8	RTA annual fee	91	91				
			0				
			0				
11	SBICAP Trustee [CERSAI]	118	118				
12	NSDL corporate action fee	2,360	2360				
	Total	187433	187433	0	0	0	0
Add:	Amortisation of bond expenses-: 2018-19	98266	98266				

2019-20

	PSU Bonds XIVth Series-2500 cr	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	BSE-annual listing fee	35,400	32,390	2,614	396		
2	NSDL annual fees	39,281	35,940	2,901	440		
3	CDSL annual fees	39,281	35,940	2,901	440		
4	ICRA rating surveillance fees	165,200	151,150	12,200	1,850		
	CARE rating surveillance fees	106,200	97,168	7,843	1,189		
5	SBICAP-annual trustee fee	88,500	80,973	6,536	991		
6	Certification fees for assets cover	20,830	19,063	1,539	233		
7	RTA annual fee	7,805	7,805				
8	Certification fees etc.	57,167	57,167				
	Total	559,649	517,596	36,534	5,539	0	0

	PSU Bonds XVth Series-600 cr	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	BSE-annual listing fee	35,400	31,875			3,525	
2	NSDL annual fees	9,427	8,488			939	
3	CDSL annual fees	9,427	8,488			939	
4	CARE rating surveillance fees	47,200	42,500			4,700	
5	SBICAP-annual trustee fee	59,000	53,125			5,875	
6	Certification fees for assets cover	5,000	4,502			498	
7	RTA annual fee	1,844	1,844				
8	Certification fees etc.	13,502	13,502				
		180,800	164,324	0	0	16,476	0

	PSU Bonds XVIth Series-800 cr	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	BSE-annual listing fee	35,400	23,600				11,800
2	NSDL annual fees	14,140	9,427				4,713
3	CDSL annual fees	14,140	9,427				4,713
4	ICRA rating surveillance fees	208,500	137,667				69,833
5	SBICAP-annual trustee fee	59,000	39,333				19,667
6	CRISIL rating surveillance fees	708,000	472,000				236,000
7	CARE rating surveillance fees	70,800	47,200				23,600
8	Certification fees for assets cover	7,500	5,000				2,500
9	RTA annual fee	2,041	2,041				0
10	Certification fees etc.	14,996	14,996				
	Total	1,132,523	760,691	0	0	0	371,826
Add:	Amortisation of bond expenses-: 2019-20	406,493	270,995	0	0	0	135,498
	PSU Bonds XVIIth Series-300 cr	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	BSE-annual listing fee	35,400	35,400				
2	NSDL annual fees	4,714	4,714				
3	CDSL annual fees	4,714	4,714				
4	ICRA rating surveillance fees	59,000	59,000				
5	SBICAP-annual trustee fee	59,000	59,000				
6	NSDL Corporate action fee	3,036	3,036				
7	CARE annual rating fee	47,200	47,200				
8	Certification fees for assets cover	9,091	9,091				
9	RTA annual fee	1,024	1,024				
10	Certification fees etc.	7,498	7,498				
	Total	230,677	230,677	0	0	0	0
Add:	Amortisation of bond expenses-: 2019-20	987,998	987,998				
	PSU Bonds XVIIth Series-600 cr	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	BSE-annual listing fee	35,400	12,004	23,396			
2	NSDL annual fees	7,856	2,664	5,192			
3	CDSL annual fees	7,856	2,664	5,192			
4	ICRA rating surveillance fees	94,400	32,011	62,389			
5	CARE rating surveillance fees		0	0			
6	SBICAP-annual trustee fee	59,000	20,007	38,993			
7	Certification fees for assets cover	15,153	5,138	10,015			
8	RTA annual fee	676	676	363			
9	Certification fees etc.	4,237	4,237				
	Total	224,482	79,305	145,560	0	0	0
Add:	Amortisation of bond expenses-: 2019-20	388,702	131,809	256,893			
	PSU Bonds XVIIth Series-300 cr	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	BSE-annual listing fee	35,400	35,400				
2	NSDL annual fees	4,714	4,714				
3	CDSL annual fees	4,714	4,714				
4	ICRA rating surveillance fees	56,640	56,640				
5	CARE rating surveillance fees		0				
6	SBICAP-annual trustee fee	59,000	59,000				
7	Certification fees for assets cover	9,091	9,091				
8	RTA annual fee	1,024	1,024				
9	Certification fees etc.	7,498	7,498				
	Total	178,081	178,081	0	0	0	0
Add:	Amortisation of bond expenses-: 2019-20	255,465	255,465				
	PSU Bonds XXth Series Rs.300 crore	Total	KaHEP	Turial	Solar PP	TGBPP	Pare
1	BSE-annual listing fee	35,400	35,400				
2	NSDL annual fees	4,714	4,714				
3	CDSL annual fees	4,714	4,714				
4	ICRA rating surveillance fees	73,750	73,750				
5	CARE rating surveillance fees	59,000	59,000				
6	ATSL annual fees	53,100	53,100				
7	Certification fees for assets cover	29,402	29,402				
8	RTA annual fee	512	512				
9	Certification fees etc.	3,749	3,749				
	Total	264,341	264,341	0	0	0	0
Add:	Amortisation of bond expenses-: 2019-20	351,425	351,425				

	PSU Bonds XXIth Series Rs.150 crore	Total	KaHEP	Turial	Solar PP	TGWPP	Pare
1	Certification fees for assets cover	3,933	3,933				
2	Singhi & Co. (Bond expenses) XXIst	5,900	5,900				
3	NSDL fees	2,360	2,360				
4	SBICAP Trustee fees	25,244	25,244				
5	SBICAP TCL	118	118				
6	RTA annual fee	1,024	1,024				
7	Certification fees etc.	7,498	7,498				
	Total	46,077	46,077	0	0	0	0
Add:	Amortisation of bond expenses-: 2019-20	144777	144777				

2020-21		Total	KaHEP		ISC
	PSU Bonds XIVth Series-2500 cr		Q1	Q2	
1	BSE-annual listing fee		121,025		
2	NSDL annual fees		32,223		
3	CDSL annual fees		32,223		
4	SBICAP Trustee fees		80,373		
5	ICRA rating surveillance fees			125,958	
6	CARE rating surveillance fees				
	Total	0	288,444	125,958	318,175
	PSU Bonds XVth Series-600 cr	Total	KaHEP		
1	BSE-annual listing fee		28,580		
2	NSDL annual fees		7,610		
3	CDSL annual fees		7,610		
4	SBICAP Trustee fees		53,125		
5	ICRA rating surveillance fees				
6	CARE rating surveillance fees				
	Total	0	96,930	0	93,282
	PSU Bonds XVIth Series-900 cr	Total	KaHEP		
1	BSE-annual listing fee		31,746		
2	NSDL annual fees		8,452		
3	CDSL annual fees		8,452		
4	SBICAP Trustee fees		39,333		
5	ICRA rating surveillance fees			114,722	
6	CARE rating surveillance fees				
7	CRISIL rating surveillance fees		472,000		
	Total	0	559,983	114,722	595,806
	PSU Bonds XVIIth Series-900 cr	Total	KaHEP		
1	BSE-annual listing fee		15,873		
2	NSDL annual fees		4,226		
3	CDSL annual fees		4,226		
4	SBICAP Trustee fees		9,719		
5	Singhi & Co			75,945	
6	SBICAP Trustee		118		
7	ICRA rating surveillance fees				
8	CARE rating surveillance fees				
9	NSDL Corporate action fee		1,475		
10	CDSL Corporate action fee		1,180		
	Total	0	36,311	75,945	72,897
	PSU Bonds XVIIIth Series-500 cr	Total	KaHEP		
1	BSE-annual listing fee		8,971		
2	NSDL annual fees		2,388		
3	CDSL annual fees		2,388		
4	SBICAP Trustee fees		20,007		
5	ICRA rating surveillance fees			38,676	
6	CARE rating surveillance fees		30,010		
	Total	0	63,764	38,676	74,658
	PSU Bonds XIXth Series-300 cr	Total	KaHEP		
1	BSE-annual listing fee		15,873		
2	NSDL annual fees		4,226		
3	CDSL annual fees		4,226		
4	SBICAP Trustee fees		59,000		
5	ICRA rating surveillance fees			47,200	
6	CARE rating surveillance fees		53,100		
	Amortisation			135,867	
	Total	0	136,425	47,200	154,776
	PSU Bonds XXth Series Rs.300 crore	Total	KaHEP		
1	BSE-annual listing fee		15,873		
2	NSDL annual fees		4,226		
3	CDSL annual fees		4,226		
4	AXIS Trustee fees		53,100		
5	ICRA rating surveillance fees			73,750	
6	CARE rating surveillance fees				
	Total	0	77,425	73,750	111,322
	PSU Bonds XXIth Series Rs.150 crore	Total	KaHEP		
1	BSE-annual listing fee		7,836		
2	NSDL annual fees		2,113		
3	CDSL annual fees		2,113		
4	SBICAP Trustee fees	47,200	47,200		
5	SBICAP Trustee fees			826	
6	Singhi & Co			171,428	
7	ICRA rating surveillance fees			36,417	
8	CARE rating surveillance fees				
9	Amortisation			152,763	
	Total	0	59,362	336,671	160,414
	PSU Bonds XXIIth Series Rs.500 crore	Total	KaHEP		
1	BSE-annual listing fee		26,455		
2	NSDL annual fees		7,043		
3	CDSL annual fees		7,043		
4	R.Pal			3,548	
5	ICRA rating surveillance fees				
6	CRISIL rating surveillance fees				
	Total	0	40,541	3,548	40,702
			1,337,185	674,462	1,622,906
			1,337,185		

	NSDL:	CDSL:	BSE
XVII	1475	1180	
XXII	4425	1180	40400
	78407	74807	312737

1-Apr-20	16-Jun-20	77
17-Jun-20	30-Jun-20	14
		91

Summary of FC on bonds (KaHEP-Actual rem/ittance)	VIIth Series	XIVth Series	XVth Series	XVIth Series	XVIIth Series	XVIIIth Series	XXIth Series	XXIst Series	XXIInd Series	Total
As on date (w.e.f. 2009-07 to 2011-12)	224,061									224,061
2014-15		########	2,330,081							18,183,069
2015-16 (including reversal for Trustee fees o	(33,000)	442,548	124,944	15,990						550,480
2016-17		445,501	146,135	849,942						1,441,578
2017-18		444,070	147,250	960,998	######	13,637				2,335,827
2018-19		439,444	145,867	988,981	######	225,098	288,699			3,211,474
2019-20		517,996	164,324	1,031,692	######	211,114	433,546	815,766	190,854	4,365,567
2020-21		319,175	93,332	595,806	72,867	74,650	154,778	111,322	160,414	40,752	1,622,986
Total	191,061	########	3,151,893	4,443,409	######	524,498	875,023	727,088	351,268	40,752	31,953,042

Rs.in lakh

Series-wise Finance Charges:	as on 31.03.2014	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Total
VIIth Series	1.91								1.91
XIVth Series		158.53	4.43	4.48	4.46	4.39	5.18	3.19	184.61
XVth Series		23.30	1.25	1.46	1.47	1.48	1.64	0.93	31.52
XVIth Series			0.16	8.50	9.61	9.89	10.32	5.96	44.43
XVIIth Series					7.70	11.35	12.19	0.73	31.97
XVIIIth Series					0.14	2.25	2.11	0.75	5.24
XIXth Series						2.87	4.34	1.55	8.75
XXth Series						0.00	6.16	1.11	7.27
XXIst Series							1.91	1.60	3.51
XXIInd Series								0.41	0.41
Total	1.91	181.83	5.83	14.42	23.38	32.11	43.84	16.23	319.53

STL & Others

	Particulars	Total	KaHEP	Tulsital	Pare	TGBPP	AGTP,CC	Solar
2013-14:								
1	SBI, processing fees STL 100 cr	200,000	45,000	20,000	62,500	42,500	30,000	
	Total	200,000	45,000	20,000	62,500	42,500	30,000	-
2014-15:								
1	Issuer rating surveillance fee	112,360	112,360					
2	Rating fees -Line of credit (STL)	65,169	39,101	13,034	13,034			-
	Total	177,529	151,461	13,034	13,034	-	-	-
2015-16								
1	SBI, processing fees Rs.150 cr	100,000	100,000					
2	ICRA-Issuer rating surveillance fee	114,000	114,000					
3	ICRA-Line of credit surveillance fee -STL	29,825	27,380	2,210	335			-
	Total	243,825	241,380	2,210	335	-	-	-
2016-17								
1	ICRA issuer rating	48,957	48,957					
2	ICRA rating surv8-STL	40,075	13,359	13,358	13,358			
3	SBI, processing fees of STL	100,000	60,000	13,330	26,670			
	Total	189,032	122,316	26,688	40,028	-	-	-
2017-18								
1	ICRA issuer rating	115,000	115,000					
2	ICRA rating surv8-STL	40,250	13,417	13,417	13,416			
	Total	155,250	128,417	13,417	13,416	-	-	-
2018-19								
1	ICRA issuer rating	118,000	118,000					
2	ICRA rating surv8-STL	41,300	13,767	13,767	13,766			
	Total	159,300	131,767	13,767	13,766	-	-	-
2019-20								
1	ICRA issuer rating	118,000	118,000					
2	Certification fees (STLA MTCL)	17,700	17,700					
	Total	135,700	135,700	-	-	-	-	-
2020-21								
1	ICRA issuer rating	180,933	180,933					
	Total	180,933	180,933	-	-	-	-	-
	Grand Total	1,441,669	########	89,116	143,079	42,500	30,000	-

STL & Others:	KaHEP	Tulsital	Pare	TGBPP	NGTP,CC	Solar PP	Total
2013-14	45,000	20,000	62,500	42,500	30,000	-	200,000
2014-15	151,461	13,034	13,034	-	-	-	177,529
2015-16	241,380	2,210	335	-	-	-	243,925
2016-17	122,316	26,688	40,028	-	-	-	189,032
2017-18	128,417	13,417	13,416				155,250
2018-19	131,767	13,767	13,766				159,300
2019-20	135,700	-	-				135,700
2020-21	180,933						180,933

Allocation of Bonds

	KaHEP	PaHEP	TrHEP	TGBPP	Solar PP	Total
XI, XII, XIII				232.5000		232.50
XIV	2,287.3740		184.6260		28.0000	2,500.00
XV	540.2583			99.7417		640.00
XVI	650.0000	300.0000				950.00
XVII	350.0000					350.00
XVIII	559.5502		330.4498			890.00
XIX	350.0000					350.00
XX	350.0000					350.00
XXI	150.0000					150.00
XXII	500.0000					500.00
TOTAL	5,147.1825	300.0000	515.0758	332.2417	28.0000	6,282.50

NSDL Annual Fee									
Amount	GST	Total	KaHEP	PaHEP	TrHEP	TGBPP	Solar PP	Total	
75,000	13,500	88,500	72,507	4,226	7,256	4,117	394	88,500	
1,250	225	1,475	1,475					1,475	
3,750	675	4,425	4,425					4,425	Withdraw
80,000	14,400	94,400	78,407	4,226	7,256	4,117	394	94,400	

BSE Annual Lisitng Fee 2020-21									
Amount	GST	Total	KaHEP	PaHEP	TrHEP	TGBPP	Solar PP	Total	
281,700	50,706	332,406	272,337	15,873	27,253	15,462	1,481	332,406	
30,000	5,400	40,400	40,400	-	-	-	-	40,400	Withdraw
311,700	56,106	372,806	312,737	15,873	27,253	15,462	1,481	372,806	

CDSL Annual Fee									
Amount	GST	Total	KaHEP	PaHEP	TrHEP	TGBPP	Solar PP	Total	
75,000	13,500	88,500	72,507	4,226	7,256	4,117	394	88,500	
1,000	180	1,180	1,180					1,180	
1,000	180	1,180	1,180					1,180	Withdraw
77,000	13,860	90,860	74,867	4,226	7,256	4,117	394	90,860	

Forexserve RMC Pvt Ltd.						
Amount	GST	Total	PaHEP	TGBPP	AGTP	Total
48,750	8,775	57,525	28,763	16,895	11,867	57,525
Already remitted in 03/2020		10,717	5,359	3,147	2,211	10,717
Balance to be remitted		46,808	23,404	13,748	9,656	46,808

SBICAP Trustee Co. Ltd.			310123	310128	310118	310115	310145			
Amount	GST	Total	KaHEP	PaHEP	TrHEP	TGBPP	Solar PP	Total	Series	
50,000	9,000	59,000	20,007		38,993			59,000	XVIII	
50,000	9,000	59,000	59,000					59,000	XIX	
50,000	9,000	59,000	39,333	19,667				59,000	XVI	
50,000	9,000	59,000	53,125			5,875		59,000	XV	
40,000	7,200	47,200	47,200					47,200	XXI	
75,000	13,500	88,500	80,973		6,536		991	88,500	XIV	
7,808	1,405	9,213	9,213					9,213	XVII	
100	18	118	118					118	XVII	
35,288	6,352	41,640	41,640					41,640	XXII	
95,000	17,100	112,100	112,100					112,100	XXII	Withdraw
1,000	-	1,000	1,000					1,000		
	TOTAL	535,771	463,709	19,667	45,529	5,875	991	535,771		

Axis Trustee Services Ltd.			310123	310128	310118	310115	310145		
Amount	GST	Total	KaHEP	PaHEP	TrHEP	TGBPP	Solar PP	Total	Series
120,000	21,600	141,600				141,600		141,600	XI
360,000	64,800	424,800				424,800		424,800	XII
217,500	39,150	256,650				256,650		256,650	XIII
45,000	8,100	53,100	53,100					53,100	XX
	TOTAL	876,150	53,100	-	-	823,050	-	876,150	

CARE Ratings Ltd.			310123	310128	310118	310115	310145		
Amount	GST	Total	KaHEP	PaHEP	TrHEP	TGBPP	Solar PP	Total	Series
75,000	13,500	88,500	30,010		58,490			88,500	XVIII
45,000	8,100	53,100	53,100					53,100	XIX
120,000	21,600	141,600	83,110	-	58,490	-	-	141,600	

CRISIL Ltd.			310123	310128	310118	310115	310145			
Amount	GST	Total	KaHEP	PaHEP	TrHEP	TGBPP	Solar PP	Total	Series	
600,000	108,000	708,000	472,000	236,000				708,000	XVI	
400,000	72,000	472,000	472,000					472,000	XXII	Withdraw
1,000,000	180,000	1,180,000	944,000	236,000	-	-	-	1,180,000		

ICRA Ltd.			310123	310128	310118	310115	310145			
Amount	GST	Total	KaHEP	PaHEP	TrHEP	TGBPP	Solar PP	Total	Series	
250,000	45,000	295,000	295,000	-				295,000	XXII	Withdraw



Arranger Fees - XXIInd	Amount raised	Total	
PNB GILTS	12,720,000	127,200	
ICICI Bank	5,000,000	50,000	
AK Capital Services Ltd.	6,700,000	67,000	Withdraw
Darashaw & Co Pvt Ltd	10,000,000	100,000	
Trust Investment Advisors Private Ltd.	5,000,000	50,000	
Total	39,420,000	394,200	

FINANCE CHARGES REMITTED TO PROJECTS DURING Q1 OF 2020-21

Sl.	Particulars	KaHEP	Pare	TrHEP	TGBPP	Solar PP	AGTP-Extn	TOTAL
1	NSDL Annual Fee	78,407	4,226	7,256	4,117	394		94,400
2	BSE Annual Listing Fee	312,737	15,873	27,253	15,462	1,481		372,806
3	CDSL Annual Fee	74,867	4,226	7,256	4,117	394		90,860
4	Forexserve RMC Pvt Ltd.		23,404		13,748		9,656	46,808
5	SBICAP Trustee Co. Ltd.	463,709	19,667	45,529	5,875	991		535,771
6	Axis Trustee Services Ltd.	53,100	-	-	823,050	-		876,150
7	CARE Ratings Ltd.	83,110	-	58,490	-	-		141,600
8	CRISIL Ltd.	944,000	236,000					1,180,000
9	ICRA Ltd.	295,000						295,000
10	Arranger Fee	394,200						394,200
	TOTAL	2,699,130	303,396	145,784	866,369	3,260	9,656	4,027,595
		1,361,945						
		1,337,185						4,027,595

	PSU Bonds XIVth Series-2500 cr	KaHEP	Turial	Solar PP	TGBPP	Pare	Total
1	ICRA rating surveillance fees	125,958	10,167	1,542			137,667
	Total	125,958	10,167	1,542	0	0	137,667
	PSU Bonds XVth Series-900 cr	KaHEP	Turial	Solar PP	TGBPP	Pare	Total
	ICRA rating surveillance fees	114,722				57,361	172,083
	Total	114,722	0	0	0	57,361	172,083
	PSU Bonds XVIth Series-300 cr	KaHEP	Turial	Solar PP	TGBPP	Pare	Total
	Singhi & Co	22,845					22,845
	Singhi & Co	53,100					53,100
	Total	75,945	0	0	0	0	75,945
	PSU Bonds XVIIth Series-500 cr	KaHEP	Turial	Solar PP	TGBPP	Pare	Total
1	ICRA rating surveillance fees	26,676	51,991				78,667
	Total	26,676	51,991	0	0	0	78,667
	PSU Bonds XIXth Series-300 cr	KaHEP	Turial	Solar PP	TGBPP	Pare	Total
1	ICRA rating surveillance fees	47,200					47,200
	Amortisation	135,867					
	Total	183,067	0	0	0	0	47,200
	PSU Bonds XXth Series	KaHEP	Turial	Solar PP	TGBPP	Pare	Total
1	ICRA rating surveillance fees	73,750					73,750
	Total	73,750	0	0	0	0	73,750
	PSU Bonds XX1st Series	KaHEP	Turial	Solar PP	TGBPP	Pare	Total
1	ICRA rating surveillance fees	34,417					34,417
2	Singhi & Co	8,600					8,600
3	SBICAP	826					826
4	Singhi & Co	162,828					162,828
5	Amortisation	152,763					
	Total	359,434	0	0	0	0	206,671
	PSU Bonds XXIInd Series	KaHEP	Turial	Solar PP	TGBPP	Pare	Total
	R.Pal	3,540					3,540
	Total	3,540	0	0	0	0	3,540
		963,092	62,158	1,542	0	57,361	795,523
	ICRA rating fee-Line of Credit, Issuer rating	180,933					180,933

XIVth series-(date of allotment-1.10.2014)		
Project	Rs. in lakh	Ratio
KaHEP	228737.40	91.49%
Tuirial	18462.60	7.39%
Solar PP	2800.00	1.12%
Total	250000.00	100.00%

XVth series- (date of allotment-25.03.2015)		
Project	Rs. in lakh	Ratio
KaHEP	54025.83	90.04%
TGBPP	5974.17	9.96%
Total	60000.00	100.00%

XVIth series-(date of allotment-30.09.2015)		
Project	Rs. in lakh	Ratio
KaHEP	60000.00	66.67%
Pare	30000.00	33.33%
Total	90000.00	100.00%

XVIIth series- (date of allotment-27.03.2017.)		
Project	Rs. in lakh	Ratio
KaHEP	30000.00	100.00%
Total	30000.00	100.00%

XVIIIth series-(date of allotment-15.11.2017.)		
Allocation	Rs. in lakh	Ratio
1.Kameng	16955.02	33.91%
2.Tuirial	33044.98	66.09%
Total	50000.00	100.00%

XIXth series-(date of allotment-6.3.2018.)		
Allocation	Rs. in lakh	Ratio
1.Kameng	16955.02	0.00%
Total	###########	1519.21%

XXth series-(date of allotment-29.11.2018.)		
Allocation	Rs. in lakh	Ratio
1.Kameng	16955.02	100.00%
Total	16955.02	100.00%

Details of initial & annual cost of brrowing:

1. Annual fees/charges:(XIV[th] Series of Rs.2500 cr.)	Initial cost of borrowing	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20-30.06.2019	Total
Arranger fees	14045000							14,045,000
Stamp duty etc-for creation of security	2,070,000							2,070,000
Professional fee for adjudication	180,000							180,000
Reimb.of out of pocket exps-M/s Singhi & Co	17,420							17,420
Reimb.of out of pocket exps-SBICAP	24,789							24,789
Fees for Search report preperation-M/s Singhi & Co	6,861							6,861
NSDL Corporate Action Fee (allotment/credit)	2,247							2,247
NSDL Corporate Action Fee (conversion of LOA)	1,124							1,124
MCS-RTA fees	2,809		2809					5,618
Change of RTA			6763					6,763
Certification fees			18691					18,691
SBICAP Trustee Co. Ltd. - Annual Trusteeship Fee	141,450	45252	84270	85875	88500	88500	88,500	622,347
ICRA - Annual Surveillance Fee	421,350		119700	160300	161000	165200	165,200	1,192,750
CARE - Annual Surveillance Fee	325,844		102600	103500	106200	106200		744,344
BSE - Annual Listing Fee	38,708		33708	34350	34500	35400	35,400	212,066
RTA annual fees						754		754
CDSL custodial fees			64422	50724	47573	42746	39281	244,746
NSDL custodial fees			50724	50724	47573	41491	39281	229,793
Total	17,277,602	45,252	483,687	485,473	485,346	480,291	367,662	19,625,313
Allocation:								
Kameng HEP	15,808,135	41,403	442,549	444,183	444,067	439,442	336,392	17,956,171
Tuirial HEP	1,275,958	3,342	35,720	35,852	35,843	35,470	27,152	1,449,337
SolarPP	193,509	507	5,418	5,438	5,436	5,379	4,118	219,805
Total	17,277,602	45,252	483,687	485,473	485,346	480,291	367,662	19,625,313

2. Annual fees/charges:(XV[th] Series of Rs.600 cr.)		2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	Total
Arranger fees	-							-
Stamp duty etc-for creation of security	2,070,000							2,070,000
Professional fee for adjudication	180,000							180,000
Reimb.of out of pocket exps-M/s Singhi & Co	7410							7,410
Reimb.of out of pocket exps-SBICAP	11408							11,408
Fees for Search report preperation-M/s Singhi & Co	-							-
NSDL Corporate Action Fee (allotment/credit)	2,247							2,247
NSDL Corporate Action Fee (conversion of LOA)	1,124		1,124					2,247
MCS-RTA fees	2,809							2,809
Change of RTA fees			1624					1,624
Certification fees			4482					4,482
SBICAP Trustee Co. Ltd. - Annual Trusteeship Fee	113,360	1093	57000	57250	59000	59000	59000	405,703
CARE - Annual Surveillance Fee	157,304		45800	46000	47200	47200		343,504
BSE - Annual Listing Fee	38,708			34350	34500	35400	35400	178,358
RTA annual fees						181		181
CDSL custodial fees			15461	12174	11418	10259	9427	58,739
NSDL custodial fees			12174	12174	11418	9958	9427	55,151
Total	2,584,370	1,093	137,665	161,948	163,536	161,998	113,254	3,323,863
Allocation:								
Kameng HEP	2,327,045	984	123,957	145,823	147,253	145,858	101,977	2,992,907
TGBPP	257,325	109	13,708	16,125	16,283	16,130	11,277	330,956
Total	2,584,370	1,093	137,665	161,948	163,536	161,998	113,254	3,323,863

3. Annual fees/charges:(XVI[th] Series of Rs.900 cr.)			2015-16	2016-17	2017-18	2018-19	2019-20	Total
Arranger fees	1,026,000							-
Stamp duty etc-for creation of security	2,070,000							-
Professional fee for adjudication	180,000							-
Reimb.of out of pocket exps-M/s Singhi & Co	7,000							-
Reimb.of out of pocket exps-SBICAP	10453							-
Fees for Search report preperation-M/s Singhi & Co	22500							-
Advertisement exps.	1360748							-
NSDL Corporate Action Fee (allotment/credit)	2,280							-
NSDL Corporate Action Fee (conversion of LOA)	1,145							-
MCS-RTA fees	23,940							-
SBICAP Trustee Co. Ltd. - Annual Trusteeship Fee	28,782							-
Fees for change of RTA	2,434							-
R pal certification fee	7,648			518				518
SBICAP Trustee Co. Ltd. - Annual Trusteeship Fee	115,000			57250	57500	59000	59000	232,750
ICRA - Annual Surveillance Fee	456,000			166979	201250	209500	209500	781,229
CARE - Annual Surveillance Fee	239,400			69000	70800	70800		210,600
CRISIL - Annual Surveillance Fee	1,368,000			466822	690000	709000		1,866,822
BSE - Annual Listing Fee	39,200			34350	34500	35400	35400	139,650
NSDL Corporate action fees			5725					5,725
NSDL annual fees paid on 06.01.2016.2016			16260					16,260
RTA annual fees						271		271

CDSL custodial fees				18260	17126	15389	14141	64,916
NSDL custodial fees				18260	17126	14937	14141	64,464
Total- (Innitial cost to be amortised over the tenure)	**6,960,530**	**-**	**23,985**	**833,439**	**1,088,302**	**1,110,297**	**329,182**	**3,385,266**
Amortisation of bond transaction cost				**360,098**	**353197**	**373174**		**1,086,469**
Allocation:								
Kameng HEP (transferred to Bond transaction cost)	4,640,353	-	15,990	840,944	960,999	988,981	219,455	3,026,369
Pare HEP	2,320,177	-	7,995	351,593	480,500	494,490	109,727	1,444,305
		-	**23,985**	**1,201,537**	**1,441,499**	**1,483,471**	**329,182**	**4,470,674**
4. Annual fees/charges:(XVII[R] Series of Rs.300 cr.)			**2015-16**	**2016-17**	**2017-18**	**2018-19**	**2019-20**	**Total**
Arranger fees	300,000							-
Stamp duty etc-for creation of security	2,095,000							-
Professional fee for adjudication	180,000							-
NSDL Corporate Action Fee (allotment/credit)	2,360							-
NSDL Corporate Action Fee (conversion of LOA)								-
Fees for search report & out of pocl exps					42170			42,170
Certification fee & out of pocket exps-Paul-SBICAP					16264			16,264
SBICAP Trustee Co. Ltd. - Annual Trusteeship Fee	59,500				59808	59000	59000	177,808
ICRA	201,250				14376	59000	59000	132,376
CARE	126,500				47200	47200		94,400
NSDL Corporate action fees						61		61
BSE - Annual Listing Fee	39,500					35400	35400	70,800
RTA annual fees						90		90
CDSL custodial fees					5709	5130	4714	15,553
NSDL custodial fees					5709	4979	4714	15,402
Total- (innitial cost to be amortised over the tenure)	**3,003,050**	**-**	**-**	**-**	**191,238**	**218,869**	**162,828**	**564,934**
Amortisation of bond transaction cost					**578638**	**914524**		**1,493,162**
5. Annual fees/charges:(XVIII[R] Series of Rs.500 cr.)			**2015-16**	**2016-17**	**2017-18**	**2018-19**	**2019-20**	**Total**
Arranger fees	500,000							-
Stamp duty etc-for creation of security	2,095,000							-
Professional fee for adjudication	212,400							-
NSDL Corporate Action Fee (allotment/credit)	2,360							-
SBICAP Trustee Co. Ltd. - Annual Trusteeship Fee	119,000					59000	59000	118,000
ICRA - Annual Surveillance Fee	590,000					78,867	94,400	173,067
CARE - Annual Surveillance Fee	472,000					110,625		110,625
NSDL corporate action fee						2,360		2,360
SBICAP trustee fee (15.11.17 to 31.3.18 for 137 days)					22,145			22,145
Singhi out of pocket exps					7,450			7,450
R pal fees-search report					5,900			5,900
R pal certification fee					4,720			4,720
BSE - Annual Listing Fee	40,400					35400	35400	70,800
RTA annual fees						151		151
CDSL custodial fees						8549	7856	16,405
NSDL custodial fees						8298	7856	16,154
Total- (to be amortised over the tenure)	**4,031,160**	**-**	**-**	**-**	**40,215**	**303,650**	**264,512**	**547,777**
Amortisation of bond transaction cost						**369,294**		**369,294**
Allocation:								
Kameng HEP	1,366,568	-	-	-	13,637	225,098	69,350	308,085
Turial HEP	2,664,592	-	-	-	26,578	438,246	135,162	599,985
Total-(to be amortised over the tenure)	**4,031,160**	**-**	**-**	**-**	**40,215**	**663,344**	**204,512**	**938,071**

6. Annual fees/charges:(XIX[R] Series of Rs.300 cr.)-17-18			**2015-16**	**2016-17**	**2017-18**	**2018-19**	**2019-20**	**Total**
Arranger fees	300,000							-
Stamp duty etc-for creation of security	2,095,000							-
Professional fee for adjudication	212,400							-
NSDL Corporate Action Fee (allotment/credit)	2,360							-
SBICAP Trustee Co. Ltd. - Annual Trusteeship Fee	119,000						59,000	59,000
ICRA - Annual Surveillance Fee	221,250							-
CARE - Annual Surveillance Fee	177,000							-
BSE - Annual Listing Fee	40,400					35,400	35,400	70,800
CDSL custodial fees						4979	4714	9,693
NSDL custodial fees						5130	4714	9,844
ICRA rating surveillance fees						47,200	56,640	103,840
CARE annual rating fee						66,375		66,375
Singhi reimbursement						12,180		12,180
Singhi reimbursement						13,600		13,600
RTA annual fee						91		91
R.Paul-certificate on utilisation & asset cover ratio						4,720		4,720
SBICAP annual fees (6.3.18 to 31.3.18) & (1.4.18 to 31.3.19)						63,203		63,203
SBICAP Trustee (CERSAI)						118		118
NSDL corporate action fee						2,360		2,360
Total- (to be amortised over the tenure)	**3,167,410**	**-**	**-**	**-**	**-**	**255,356**	**160,468**	**415,824**
Amortisation of bond transaction cost						**99,266**		**99,266**
Allocation:								
Kameng HEP	3,167,410	-	-	-	-	354,622	160,468	515,090
Total-(to be amortised over the tenure)	**3,167,410**	**-**	**-**	**-**	**-**	**354,622**		**515,090**

7. Annual fees/charges:(XX[R] Series of Rs.300 cr.)			**2015-16**	**2016-17**	**2017-18**	**2018-19**	**2019-20**	**Total**
Arranger fees	25,000							-
Stamp duty etc-for creation of security	2,095,000							-
Professional fee for adjudication	212,400							-
NSDL Corporate Action Fee (allotment/credit)	2,360							-
NSDL document processing Fee	295							-
CDSL processing fee	1,180							-
Axis Trustee Co. Ltd. - Acceptance fee	118,000						53,100	53,100
ICRA - Annual Surveillance Fee	177,000						73,750	73,750
CARE - Annual Surveillance Fee	159,300							-
BSE - Annual Listing Fee	40,400						35,400	35,400
Karvy Computershare Pvt Ltd	8,850							-
CDSL custodial fees							4714	4,714
NSDL custodial fees							4714	4,714
Axis trustee fees (Nov'18 to Mar.19)						22,125		22,125
Axis trustee fees CERSAI fees						118		118
Singhi & Co-valuation & others						42,200		42,200
R.Paul search report						5,900		5,900

Total- (to be amortised over the tenure)	2,839,785	-	-	-	-	70,343	171,678	242,021
Allocation:								
Kameng HEP	2,839,785	-	-	-	-	70,343	171,678	242,021
Total-(to be amortised over the tenure)	2,839,785	-	-	-	-	70,343	171,678	242,021

Summary of FC on bonds:KaHEP

	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20-30.06.2019		Total
XIVth	158.50	4.43	4.44	4.44	4.39	3.36		179.56
XVth	23.28	1.24	1.46	1.47	1.46	1.02		29.93
XVIth		0.16	8.50	9.61	9.89	2.19		30.35
XVIIth				7.70	11.25	1.63		20.58
XVIIIth				0.14	2.25	0.69		3.08
XIX					3.55	1.60		5.15
XX					0.70	1.72		2.42
Total	181.78	5.82	14.40	23.36	33.50	12.22		271.08
VIIth series (2nd tranche)								1.58
								272.66

	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20		
XIVth	158.53	4.43	4.46	4.44	4.39	3.36		179.61
	-0.03	0.00	-0.01	0.00	0.00			
XVth	23.30	1.25	1.46	1.47	1.46	1.02		29.96
	-0.02	-0.01	0.00	0.00	0.00			
XVIth		0.16	8.50	9.61	9.89	2.19		30.35
		0.00	0.00	0.00	0.00			
XVIIth				7.70	11.25	1.63		20.58
				0.00	0.00			
XVIIIth				0.14	2.25	0.69		3.08
				0.00	0.00			
XIX					3.55	1.60		5.15
					0.00			
XX					0.70	1.72		2.42
	181.83	5.83	14.42	23.36	33.50	12.22		271.16
VIIth series (2nd tranche)								1.58
								272.74

PART-II
FORM- 9A

Year wise Statement of Additional Capitalisation after COD
2019-24

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION
COD 12.02.2021
For Financial Year: 2023-24

Sl. No.	Head of Work/Equipment	ACE Claimed (Actual/Projected)			IDC included in col.3	Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis (Rs in lakh)	Un-discharged Liability included in col.3 (Rs in lakh)	Cash basis				
1	2	3	4	(5=3-4)	6	7	8	9
1	Residential building Township	68.75	0.00	68.75	0	26(1)(d)	400MW Kameng Hydro Power Station utilises water from both the Dams namely Bichom & Tenga Dam. The water from Tenga Dam is mainly used during base period to run it in peaking mode with a maximum Water Injection of 10 Cumec. However, it is seen that during monsoon also water from Tenga Dam is used during full load condition. It has been necessitated to maintain the Tenga Dam Control Room duly in shifts for 24X7 with proper security alongwith all the Operation & maintenance staff, for proper and civil operation utilising/load the year. Moreover, it is to inform that the distance between Bichom Dam and Tenga Dam is 35 Km. Therefore to accomodate the employees/O&M staffs stationed at Tenga Dam, it was essential to construct the permanent residential Buildings for proper operation & maintenance of Tenga Dam. This has enhance the reliability and safety of ESER of Tenga Dam.	
2	Boundary Wall	43.81	0.00	43.81	0	26(1)(d)	During the initial stage, no permanent gate was built up in Kameng power Station. At the time of construction period/ commissioning stage, the gate for power house complex was, generally, kept opened for ease of movement of labours, machineries/ materials carrying vehicles etc. although, every aspect of security measure was adopted. However, subsequent to the commissioning of the Project, the necessity of permanent main gate has been surfaced and accordingly, the main gate was constructed with a provision for 24X7 engagement of security personnel. The primary purposes for installation of the main gate are:- In order to increase the security of power house complex which includes power house, switchyard, residential colony of O&M personal, central store area, office & quarter of Head of Project etc. It also provides physical barrier to prevent unauthorised access and other potential intruders. The main gate, manned by security personnel round the clock, also prevent strangers from entering the restricted & prohibited area as declared by the District Administration.	
3	Reservior&Dam	12.05	0.00	12.05	0	26(1)(d)	To address the issue of assuring and ensure the stability of the dam the construction of a plunge pool at the downstream of Bichom Dam is a critical safety measure, which will dissipate the energy of the water flow to prevent scouring. The plunge pool after construction will integrate seamlessly with the existing training walls of the Bichom dam and from the extended training walls form the apron will guide the water flow into the plunge pool effectively thereby reducing the scouring effect. Also, the apron will be extended downstream of the dam to protect the riverbed and ensure proper energy dissipation. Constructing of the plunge pool at the downstream of the Bichom Dam, will effectively manage riverbed scouring, enhance the stability of the dam, and extend its operational life while ensuring the safety of the foundation and surrounding areas. Therefore, construction of approach road to the plunge pool site is necessary to provide a reliable route for transporting construction materials and equipment to the plunge pool site.	
4	Reservior&Dam	16.68	0.00	16.68	0	26(1)(b)	The clause no 35(2)(a)(i) of National Dam safety Act 2021 mandates to establish well designed hydrometeorological network and an Inflow forecasting system i.e Automatic Weather Station (AWS) & Early Warning System (EWS) for early warning information for floods. A Number of Automatic Weather Station (AWS) has been installed on the upstream of Dam so as to have advance information regarding rainfall/ high inflows area/ rise and fall and travel time for taking protective measures. Immediately after receiving the real time rainfall data the operation of spillway radial gates of Bichom Dam needs to be operated so as to maintain the required Reservoir water level to accommodate the high flood of river without affecting dam which in turns ensures safety of Dam.For preparedness against extreme weather events on first necessary steps can be taken to ensure safety of the major structures.	
5	Reservior&Dam	56.75	0.00	56.75	0	26(1)(a)	The work is related with all of the Hydro-mechanical works/equipment of Bichom Dam which includes spillway Radial Gate, Hydraulic hoist and hoist supporting system, Diesel generator, Bichom Dam Spillway staging, Wing Beam, Gantry Crane and Tenga Dam Spillway Staging. The spillway radial gates are adjustable gates which are important to control the water flow of rivers, streams and reservoirs. Therefore, they act as a type of barrier as well for storage of additional water too. They help to pass water safely and in a controlled way around, over and through a dam when there is an excess of water. The said expenditure has not been claimed as a revised cost expenditure due to some unsettled issues. However, after resolution of dispute via CCOE, the same was considered as a capital cost.	
6	Transformer having rating of 100KVA & Above	627.96	0.00	627.96	0	35(2)(f)	Kameng Power Station have 4 nos. of 100000 units i.e. Installed Capacity 4X600MW. Again, each unit is consisting of 3 nos. single phase, 630kVA, 420/13.8KV generator transformer (GT) i.e. total 12 nos. GTs. As per original contract agreement under Package-08 with BHEL, total 13 (Thirteen) nos. of GTs have been supplied by BHEL which is inclusive of one GT as spare. The one GT (SI. No. 203807, Unit-2, Phase-II) was failed on 22.11.2020 due to ingress of water in the GT cooler due to failure of cooler tubes. The failed GT was immediately replaced with spare GT (SI. No. 203807) and the Unit was restored back at the shortest possible time. Since then the Kameng HPS was running without spare GT till February 2023. It is to be mentioned that the Kameng Power Station is located in the West Kameng district of Arunachal Pradesh. The approach road to the Project site having a stretch of approx. 24km is passing through hilly terrain and highly landslide prone area with adverse road conditions not conducive for movement of heavy and OSC consignments except in dry season i.e., from November to March and that too with proper widening of roads & precautions (Photographs of the road are attached). So, the only option left for transportation of heavy and OSC consignments including GT is during favorable season i.e. November to March which restricts the possibility of immediate repairing of such costly and vital equipment. Further, the site does not have fully equipped facilities to repair transformers of 400kV level. Thus, considering the generator transformer being critical, additional 2(two) nos. of GTs were procured from OEM i.e. BHEL for ready spares at site to meet any eventualities during failure of GT thereby reducing downtime to restore the Unit and saving huge commercial losses to the Corporation. Accordingly, order was placed with BHEL vide ref. NEEPCO/NABD/P10/MG/GTP-SP/2021-22/1120 dtd. 12.11.2021 and BHEL has supplied both the GTs (SI. No. 205207E & 205207T) in the month of Mar'23. The GT bearing sl. no. 205207T was successfully commissioned at Unit-2 (Phase-II) on 15.05.23 (MOM dtd. 15.05.23 & order copy are attached)	

7	Transformer having rating of 100KVA & Above	626.68	0.00	626.68	0	35(2)(i)	Kameng Power Station have 4 nos. of 150MW units i.e. Installed Capacity of 600MW. Again, each unit is consisting of 3 nos. single phase, 83MVA, 400/13.8KV generator transformer (GT) i.e. total 12 nos. GTs. As per original contract agreement under Package-III with BHEL, total 13 (Thirteen) nos. of GTs have been supplied by BHEL which is inclusive of one GT as spare. The one GT (Sl. No. 305807, Unit-2, Phase-II) was failed on 22.11.2020 due to ingress of water in the GT cooler due to failure of cooler tubes. The failed GT was immediately replaced with spare GT (Sl. No. 305811) and the unit was restored back at the shortest possible time. Since then the Kameng HPS was running without spare GT till February 2023. It is to be mentioned that the Kameng Power Station is located in the West Kameng district of Arunachal Pradesh. The approach road to the Project site having a stretch of approx. 24km is passing through hilly terrain and highly landslide prone area with adverse road conditions not conducive for movement of Heavy and OD consignment except in dry season i.e., from November to March and that too with proper widening of roads & precautions (Photographs of the road are attached). So, the only option left for transportation of heavy and OD consignment including GT is during favorable season (i.e. November to March) which restricts the possibility of immediate repairing of such faulty and vital equipment. Further, the site does not have fully equipped facilities to repair transformers of 400kV level. Thus, considering the generator transformer being critical, additional (One) nos. of GTs were procured from OEM (i.e. BHEL) for ready spares at site to meet any eventualities during failure of GT thereby reducing downtime to restore the Unit and saving huge commercial losses to the Corporation. Accordingly, order was placed with BHEL, vide ref. NEEPCO/GM(E&M)/TG/MCE/F-(BHEL)/2021-22/1133 dtd. 10.11.2021 and BHEL has supplied both GTs (Sl. No. 305809 & 305807). GT Sl. No. 305809 was successfully commissioned on Unit-3 (Phase-II) on 24.03.24 (MOM dtd. 25.03.24 & order copy are attached).	
8	Special tools&plants	45.50	0.00	45.50	0	26(1)(d)	The 600 MW Kameng Hydro Power Station is connected with Balipara-Chariduar-Tawang (NCT) Road through 37 Km Pinjoli Khiri road constructed and maintained by NEEPCO. The another road connecting NCT road is 39 MB Khiri-Khuppi road, which is also constructed and maintained by NEEPCO. The area is characterized by its very rugged topography with very steep and highly inaccessible hill slopes. The rainy season extends from April to October in this region of the Country. Every year during monsoon, land slides occur on the ridges connecting the power station (Photograph of landslide attached), blocking/narrowing the path in several places. During the rainy season, the Pinjoli Khiri and Khiri-Khuppi roads are not conducive for transportation of consignments. These two roads are vital for the installation and the O&M personnel posted at the power station as well as for the local populus. The Pinjoli-Khiri road is the shortest route to the power station which is primarily used for transportation of regular food materials, spares for maintenance, shifting of patients in case of emergency, commuters movement etc. Hence, it is utmost necessity to maintain this road at any climatic condition. Further, the vital installations like valve house, surge shaft are also located near the power station complex at higher altitude. Approach road to these installation are also required to maintain all the time in motorable condition for movement of O&M personnel, shifting of spares for various equipment, diesel for DG sets to provide emergency power supply etc. JCB is the fast moving equipment used for clearing/maintaining all roads. The JCB is purchased with a purpose of clearing the slide/debris(s) within shortest possible time to minimize the disruption period. This has increased the reliability of 600nd of power station.	
9	11kv trans line to Valve house	30.32	0.00	30.32	0	26(1)(h)	Kameng Power station has a Valve House as per hydro design for providing safety in case of premature outputting as well as to facilitate maintenance works in the water conductive system of the downstream of the Valve House. There are individual hydraulically operated Butterfly Valve (BFV) which is installed in both the penstock(PT-B PS). The BFV in Penstock-1 controls water to Unit-1 & 2, and BFV in Penstock-2 controls water to Unit-3&4 respectively. For operation of BFVs, oil pressurization unit (OPU) is there which maintains the required oil pressure through electrical pump motor sets to keep the BFV in open condition during normal operation of the units and close the BFV in case of emergency or requirement. The Valve House is also equipped with penstock outputting device for safety of the Power House as well as human in case of any overhauling at downstream by automatically actuating the BFV close command. The primary power supply to the valve house is fed from grid through 11KV overhead line from 33/11kV Indian Scindalone Inaugurating Sector based & fully female which was exposed to frequent tripping due to incident faults, falling of trees & land slide etc... Thus, under such scenario, the DG set remains the only source of power supply for Valve House. Further, during monsoon it becomes very difficult to maintain the power supply through overhead line in the dense forest due to frequent tripping which results in erratic power supply to Valve House . Thus, in order to maintain reliable power supply to such vital installation (Valve House) for safety of the Kameng Power Station, the 11kV overhead line is being replaced with 11kV "Aerial Bunched Cables" which is ideal for such adverse atmosphere & hilly terrains. The conversion of 11kV OH line to 4X95 MT cables has thus provided highly reliable power supply to Valve House. Order was placed to M/s Gleson, Tinsukia vide order No. NEEPCO/KaHPS/C&P/WA/Vol-II/180 dtd. 03.12.2022. The workwas successfully completed on 29.03.2023. (Order copy & MOM copy are attached)	
10	Outdoor electrification(Illumination & LTAC Dist.System at Tenga Dam)	87.95	0.00	87.95	0	26(1)(b)	Kameng power station's all four units were commissioned in the year 2020 & 2021 respectively. Kameng hydro power house unit is feed from two reservoirs namely Bichom & Tenga. The proper illumination of Tenga dam was pending since commission of the plant which compromises the safety of dam operation & operator. So, the illumination at the Tenga dam is utmost necessary for these safety purposes so that the dam operation can be done efficiently at night also as per dam safety protocols. Order was placed to M/s D D Mittal, Guwahati vide order No. NEEPCO/KaHPS/PEM/MF-117/Vol-II/2022-24/294 dtd. 23.06.2023. The work was completed as on 21.10.2023. This has enhanced the reliability and safety of Dam operation as well as safety of O&M personnel.	
11	Tools & Plants (E)	26.65	0.00	26.65	0	26(1)(b)	Kameng switchyard is AIS type having 10 nos. of bays in 400kV and 4 nos. of bays in 132kV. For periodic monitoring of switchyard equipments, the use of thermal imaging camera is utmost required which enables to detect potential hazes in high-voltage systems by detecting thermal signature of the components from remote which reduces requirement of breakdown outage. The main advantage in the early detection of possible hazes more efficiently prior to breakdown, thus avoiding cascading failure or outage of the switchyard components. The CIGRE study committee 02 report on "CRUCIAL VOTOMATIC AND MANUAL APPLICATIONS OF INFRARED THERMOGRAPHY IN ELECTRICAL SECTOR" in 2013 Cathay-Lin suggested for the use of thermal imaging camera for preventive maintenance of switchyard. This Thermal Imaging Camera enhances grid reliability by reducing shutdown period by early detection of fault prior to breakdown so that preventive maintenance of switchyard components can be planned. Order was placed to M/s Doone Engineers, Kolkata vide contract No. SSMC-01-687719180000-dtd. 08.08.2022. COD is 18.10.2023 (Order copy, MOM and CIGRE report are attached)	
12	Tools & Plants (E)	8.72	0.00	8.72	0	26(1)(b)	Kameng Power Station having 15 nos. of 1-ph 83MVA, 420/13.8kV generator transformers, 4 nos. of 1-ph 80MVA, 400/132kV ICTs, 1 no. 3-ph, 80MVA, 400kV shunt reactor, 4 nos. 1-ph, 3.15MVA, 132/33kV station service transformers and many transformers at distribution level. The measurement of winding resistance is recommended in the CEA "STANDARD SPECIFICATIONS AND TECHNICAL PARAMETERS FOR TRANSFORMERS AND REACTORS (66 kV & ABOVE VOLTAGE CLASS)" for No. CEA/PS-19/1000/04/PSETD/In-force, April 2021 in the CHAPTER-6 - CONDITION MONITORING AND LIFE CYCLE MANAGEMENT" under Sl. No. 2.1. Thus the equipment was procured for monitoring of the transformer healthiness to ensure grid safety to provide maximum support to the national grid by identifying the transformer conditions prior to its failure so that cascading outage of grid element can be avoided. The measurement of transformer winding resistance is most required test for any transformers prior to putting it on service as per above Indian & International standard followed. Order was placed to M/s SCOPE T.RIS NEPA. Ltd., Mumbai vide contract No. SSMC-01-1087719180000-dtd. 21.12.2022. COD is 21.03.2024. (Order copy, MOM & CEA certification copy are attached).	
13	Tools & Plants (E)	8.12	0.00	8.12	0	26(1)(b)	Kameng power station have 4 nos. of 150MW vertical shaft Francis turbine & generator (1-U). During maintenance of the 1-U units, the manual coupling & decoupling of shafts & runner bolts significantly much longer time. Thus, the use of motorized hydraulic torque wrench provides the advantages of equal pre-defined torque application to each nut-bolts, fast loosening & tightening, less human effort and prompt restoration of the unit resulting reduce in assembly time of Unit significantly. Thus, the use of hydraulic torque wrench enables faster restoration of Unit. Order was placed to M/s Powermaster Engineers Pvt. Ltd., Navi Mumbai vide contract No. SSMC-01-1087719180000-dtd. 13.02.2024. COD is 19.03.2024 (order copy & GRN No. 8000001918 are attached)	

14	Tools & Plants (E)	9.91	0.00	9.91	0	26(1)(k)	For rising power station have 4 nos. of 150KW motor, 400/132KV switchyard and associated transformers & reactors as well as motors, electrical panels etc. The IR tester is a must instrument for any kind of electrical installations for measuring IR & PI for ensuring healthiness of the equipments prior to energize as per different CEA, IEEE guidelines. It is to be mentioned that Kanirong Power Station had one old model 5KV IR tester (Megger BM525E) which is out of order since long time. The same was also used most during yearly calibration carried out on 22.12.2022 by OEM's authorized vendor that the IR tester is beyond repairable's. Considering importance and must requirement in a electrical Plant like daily maintenance activities pertaining to electrical equipments and installations, 1(one) no. 5KV is demolic IR tester was purchased. Order was placed to M/s Chavan Engineers, Kalkata through GeM portal open tender vide contract No. GEMC-510687979051223 dtd. 26.09.2023. COD is 18.10.2023 (Order copy, call letter,MOM & GRN No. 5009525768 are attached)	
	TOTAL	1669.85	0.00	1669.85	0.00			

1 In case the project has been completed and cost has already been admitted under any tariff notification(s) in the past, fill columns 10 giving the cost as admitted for the purpose of tariff notification already
2 The above information needs to be furnished separately for each year/period of tariff period 2014 -19.
3 In case of de- capitalisation of assets separate details to be furnished at columns 1,2,3 and 4. Further the original book value and year of capitalisation of such asset to be furnished at column 8.Where de-
4 Where any asset is rendered unserviceable the same shall be treated as de-capitalised during that year and original value of such asset to be shown at col. 3. And Impaired value if any, year of its
5 Justification against each asset of capitalisation should be specific to regulations under which claim has been made and the necessity of capitalisation of that particular asset.

Note :

1. Fill the form in chronological order year wise along with detailed justification clearly bringing out the necessity and the benefits accruing to the beneficiaries.
2. In case initial spares are purchased along with any equipment, then the cost of such spares should be indicated seperately. e.g. Rotor- 50 Crs. Initial spares -5 Crs.

(Petitioner)

Reconciliation

As per Form 9 (A)		1669.85
Exclusion as per Form 9D		5078.38
Total addition		6748.20

PART-II
FORM- 9B

Statement of Additional Capitalisation during fag end of the Project

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION
COD: 12.02.2021

Sr. No.	Year	Work/Equipment added during last five years of useful life of each Unit/Station	Amount capitalised / Proposed to be capitalised (Rs in Lakh)	Justification for capitalisation proposed	Impact on life extension
1	2	3	4	5	6
1					
2	NOT APPLICABLE				
3					
4					
5					
6					
		TOTAL	0.00		

Note :

1. Cost Benefit Analysis for capital additions done should be submitted along with petition for approval of such schemes.
2. Justification for additional capital expenditure claim for each asset should be relevant to regulation under which claim and the necessity of capitalisation of the asset.

(Petitioner)

PART-II
FORM- 9C

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

Name of the Petitioner: NORTH EASTERN ELECTRIC POWER

Name of the Generating Station COD: KAMENG HYDRO POWER

(Amount in Rs. Lakh)

S. No.	Particulars	2021-22	2022-23	2023-24
1	2	5	6	7
1	Closing Gross Block as per IND AS	840841.59	840841.59	847521.85
2	Add/Less: Adjustments	0.00	0.00	
3	Closing Gross Block as per IGAAP	840841.59	840841.59	847521.85
4	Opening Gross Block as per IND AS	840841.59	840841.59	840841.59
5	Add/Less: Adjustments	0.00	0.00	0.00
6	Opening Gross Block as per IGAAP	840841.59	840841.59	840841.59
7	**Total Additions as per books (G= 3 - 6)**	0.00	0.00	6680.27
8	Less: Additions pertaining to other Stages (give Stage wise breakup)	0.00	0.00	0.00
9	**Net Additions pertaining to instant project/Unit/Stage**	0.00	0.00	6680.27
10	Less: Exclusions (items not allowable / not claimed)	0.00	0.00	5078.36
11	**Net Additional Capital Expenditure Claimed (on accrual basis)**	0.00	0.00	1601.91
12	**Less: Un-discharged Liabilities**			0.00

13	**Add: Discharges of un-discharged liabilities, corresponding to admitted assets/works**	0.00	0.00	0.00
14	**Net Additional Capital Expenditure Claimed (on cash basis)**	840841.59	840841.59	847521.85

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

(Petitioner)

RECONCILIATION	
	2023-24
Addition as per Form 9A	**1,669.85**
Less:De-capitalized as per Form 9Bi	**67.94**
Net addition AS PER Form 9C	**1,601.91**

Exclusions as per Form9D	5078.36
Net Additional Capital Expenditure as per Form9A Claimed (on accrual basis)	6748.20
Net Additional Capital Expenditure Claimed (on cash basis)	6748.20

PART-II
FORM- 9Bi

Details of Assets De-capitalized during the period

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

Name of the Generating Station : KAMENG HYDRO POWER STATION

(Amount in Rs. Lakh)

S. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalized	Year Put to use	Depreciation recovered till date of de-capitalization
(1)	(2)	(3)	(4)	(5)	(6)
1	Freehold Land Plant/Office	Exclusion	19.56	1/1/2005	0.00
2	Permanent Non Residential building	Exclusion	8.61	3/31/2007	4.67
3	Survey instruments	Exclusion	29.46	1/25/2005	27
4	Furniture& Fixture-Others	Exclusion	0.52	1/31/2004	0.52
5	Other E.D.P Machines	Exclusion	8.35	2/25/2021	7.42
6	Hospital equipments	Exclusion	0.41	3/4/2009	0.29
7	Fixed assets of minor value	Exclusion	1.03	10/27/2006	1.03
	TOTAL		67.94		40.76

Note: Year wise detail need to be submitted.

(Petitioner)

Statement showing items/assets/works claimed under Exclusions:

Name of the Generating Station COD: KAMENG HYDRO POWER STATION

(Amount in lacs)

Sl. No.	Head of Work / Equipment	ACE Claimed under Exclusion				Justification
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3	
(1)	(2)	(3)	(4)	(5=3-4)	(6)	(7)
1	Permanent Roads-Plant Area	20.03	0	20.03	0	To improve accessibility and operational efficiency, it is necessary to construct pavements at vital locations within the power plant ,including the valve house, Switchyards,Sub-Station,Power House and cooling water system areas.
2	Permanent Road-Township	66.80	0.00	66.80	0	The construction of pavements in the colony areas is required to ensure better accessibility ,improve safety and upgrade the overall quality of the living environment for residents.
3	Resdential building Township	6.16	0	6.16	0	To enhance the living environment for residents, additional construction has been carried out to house employees stationed at Kimi Permanent Colony.
4	Permanent Non Residential building	5.60	0	5.60	0	The construction of new toilets at the office complex is required to meet hygiene standards and accommodate the needs of staff and visitors.
5	Permanent power supply system	62.11	60.53	1.58	0	The colony quarter power supply was temporarily provided through overhead conductor. Thus, it was involves high risk of exposure to vehicles with materials & human safety. So, underground power supply cable was laid for providing permanantly and safe power supply to colony quarters, school etc.
6	Reservior&Dam	18.45		18.45	0	Installation of various Equipments such as Central Data Recalving & Archiving System, Portable suspended Solid Indicator with sensor, Surge Protection Panel, Suspended Solid Analyzer, etc. required for monitoring of various reservoir parameters for smooth Reservoir operation.
7	Transformer having rating of 100KVA & Above(OD Transformer Panel with switchgear)	7.50		7.50	0	Installation of Transformer protection panel for safety and protection of transformer from LT distribution sides.
8	Plant and mach. In Gen. station(plant)	4238.09	9.77	4228.32	0	The modifiaction work was carried out for enhancement of reliable operation of unitfi due to frequent major outages of units for various reasons. The expediture is not considered for Add Cap under truing up in view of the provision of Regulation-22 of Tariff Notification.
9	Plant and mach. In Gen. station(plant)	7.35		7.35	0	Procured for power house control room which are required to maintained the temperature to the desired level for safe operation of SCADA electronic & telecom equipments used for operation of the units
10	Plant and mach. In Gen. station(plant)	5.16		5.16	0	Procured for modification of TGB cooling
11	Plant and mach. In Gen. station(plant)	427.31		427.31	0	In order to comply the provision of IND-AS 16, NEEPCO adopted the policy to capitalized the spares having the value of more than INR 5 lakh and life of those spares should be more than 1 year. Accordingly, spares to the tune of INR 4.27 Crores got capitalized during the FY23-24. However, till 31st March 2024, the spares were not consumed.
12	Ordinary tools & plants	3.61		3.61	0	Instrument purchased for maintenace activities of power station
13	400/220/132 KV Switch-yards at NEEPCO sites	5.03		5.03	0	Purchased for periodic topup at SF6 CBs from 33KV to 400KV levels
14	Special tools&plants	7.21		7.21	0	Procured for calibration of different temperature indicating instruments with accuracy so that instrument provide required safety during operation of the T-G units to avoid damage to the T-G componenets
15	Special tools&plants	7.79		7.79	0	Instrument purchased for maintenace activities of power station
16	Temporary Non Residential building	10.11	0.00	10.11	0	The construction of a shed at the Kimi Power House is provide a designated space for maintenance work, protecting tools and equipment from adverse weather conditions and improving operational efficiency.
17	Water supply	0.42	0	0.42	0	Essential work for providing potable water for the staff stationed at Tenga Dam
18	Furniture& Fixture-Others	68.71	0	68.71	0	To enhance the comfort and functionality of the workspace ,it is necessary to upgrade the office furniture.
19	Other E.D.P Machines	57.27	0	57.27	0	To ensure the smooth and efficient operation of daily office tasks,it is necessary to acquire new laptops and other Electronic Data Processing equipment.
20	Guest houseTransit hostel eqp/appliances	0.24	0	0.24	0	Purchase of appliance for Guest House for smooth operation
21	Miscellaneous equipments	8.46	0	8.46	0	In light of the increasing temperatures and the impact of global warming ,it is imperative to install air conditioning at the Kimi office to ensure the smooth functioning of daily office operations.

22	Audio visual equipments	44.94	0	44.94	0	To enhance the effectiveness of official meetings,workshops, and training sessions, it is necessary to install audio visual equipment in designated areas.
	TOTAL	5078.36	70.30	5008.05	0.00	

Note: 1. Exclusions claimed on assets not allowed in Tariff should be supported by the specific reference of Commission Order date, Petition No., amount disallowed, etc.

2. For inter unit transfer, nature of transfer i.e. temporary or permanent should be mentioned. It is to be certified that exclusion sought in receiving station only and not in sending station or in both the station.

(Petitioner)

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO ELECTRIC PLANT

Statement of Capital cost
(To be given for relevant dates and year wise)

		As on 31-03-2020			As on 31-03-2021								
					AS ON 17.06.2020 (Unit-I)			AS ON 01.07.20 (Unit-II)			AS ON 22.01.2021 (Unit-III)		
Sl. No.	Particulars	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening Gross Block Amount as per books				24409.68	(105.16)	24304.52	680296.43	(2863.86)	677432.57	708793.00	(3012.58)	705780.42
	b) Amount of capital liabilities in A(a) above				(105.16)			(2863.86)			(3012.58)		
	c) Amount of IDC in A(a) above				(2178.29)			(221107.17)			(230404.06)		
	d) Amount of FC in A(a) above												
	e) Amount of FERV in A(a) above												
	f) Amount of Hedging Cost in A(a) above												
	g) Amount of IEDC in A(a) above				(1107.57)			(112424.05)			(117151.14)		
B	a) Addition in Gross Block Amount during the period (Direct purchases)				15562.99		15562.99	724.14		724.14	3736.57		3736.57
	b) Amount of capital liabilities in B(a) above				0								
	c) Amount of IDC in B(a) above				0								
	d) Amount of FC in B(a) above												
	e) Amount of FERV in B(a) above				0								
	f) Amount of Hedging Cost in B(a) above				0								
	g) Amount of IEDC in B(a) above				0								
C	a) Addition in Gross Block Amount during the period (Transferred from CWIP)				640,323.79	(2,758.70)	637,565.08	27,772.43	(148.72)	27,623.71	99,971.08	(2,147.88)	97,823.20
	b) Amount of capital liabilities in C(a) above				(2758.70)			(148.72)			(2,147.88)		
	c) Amount of IDC in C(a) above				(218928.88)			(9,296.89)			(34,756.58)		
	d) Amount of FC in C(a) above												
	e) Amount of FERV in C(a) above												
	f) Amount of Hedging Cost in C(a) above												
	g) Amount of IEDC in C(a) above				(111316.48)			(4727.09)			(17672.32)		
D	a) Deletion in Gross Block Amount during the period												
	b) Amount of capital liabilities in D(a) above												
	c) Amount of capital liabilities discharged during the year												
	d) Amount of IDC in D(a) above												
	e) Amount of FC in D(a) above												
	f) Amount of FERV in D(a) above												
	g) Amount of Hedging Cost in D(a) above												
	h) Amount of IEDC in D(a) above												
E	a) Closing Gross Block Amount as per books				680,296.43	(2,863.86)	677,432.57	708,793.00	(3,012.58)	705,780.42	812,500.65	(5,160.46)	807,340.19
	b) Amount of capital liabilities in E(a) above				(2863.86)			(3012.58)			(5160.46)		
	c) Amount of IDC in E(a) above				(221107.17)			(230404.06)			(265160.64)		
	d) Amount of FC in E(a) above												
	e) Amount of FERV in E(a) above												
	f) Amount of Hedging Cost in E(a) above												
	g) Amount of IEDC in E(a) above				(112424.05)			(117151.14)			(134823.45)		

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

(Petitioner)

PART-II
FORM-9E

(Amount in Rs. Lakh)

AS ON 12.02.2021 (Unit-IV)			As on 31-03-2022			As on 31-03-2023			As on 31-03-2024		
Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis
812500.65	(5160.46)	807340.19	840841.59	(5309.18)	835532.41	840841.59	(5309.18)	835532.41	840841.59	(5309.18)	835532.41
(5160.46)			(5309.18)			(5309.18)			(5309.18)		
(265160.64)			(274744.26)			(274744.26)			(274744.26)		
(134823.45)			(139696.34)			(139696.34)			(139696.34)		
527.60		527.60	0.00		0.00	0.00		0.00	1151.01	(70.30)	1080.71
			0.00			0.00			(70.30)		
			0.00			0.00			0.00		
			0.00			0.00			0.00		
			0.00			0.00			0.00		
27,813.34	(148.72)	27,664.62	0.00	-	-	0.00	-	-	5597.19	-	5,597.19
(148.72)									0.00		
(9,583.62)											
(4872.88)			0			0			0.00		
									67.94		67.94
									4085.69	4085.69	
840,841.59	(5,309.18)	835,532.41	840,841.59	(5,309.18)	835,532.41	840,841.59	(5,309.18)	835,532.41	847,321.85	(1,293.80)	842,142.37
(5309.18)			(5309.18)			(5309.18)			(1293.80)		
(274744.26)			(274744.26)			(274744.26)			(274744.26)		
(139696.34)			(139696.34)			(139696.34)			(139696.34)		

PART-II
FORM-9F

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION

Statement of Capital Works in Progress
(To be given for relevant dates and year wise)

(Amount in Rs. Lakh)

Sl. No.	Particulars	AS ON 17.06.2020 (Unit-I)	AS ON 01.07.20 (Unit-II)	AS ON 22.01.2021 (Unit-III)	AS ON 12.02.2021 (Unit IV)	AS ON 31.03.2022	AS ON 31.03.2023	AS ON 31.03.2024
A	a) Opening CWIP as per books	358458.81	148220.09	119348.53	26803.70	0.00	0.00	3836.20
	b) Amount of capital liabilities in A(a) above	(2853.66)	(3012.56)	(5160.46)	(5309.18)			(1056.96)
	c) Amount of IDC in A(a) above	(207735.36)	(40841.74)	(40012.40)	(7200.42)			
	d) Amount of FC in A(a) above							
	e) Amount of FERV in A(a) above							
	f) Amount of Hedging Cost in A(a) above							
	g) Amount of IEDC in A(a) above	(135939.61)	(27046.20)	(21960.65)	(4811.28)			
B	a) Addition in CWIP during the period	18093.03	799.87	7028.24	1009.64	0.00	3836.20	4054.12
	b) Amount of capital liabilities in B(a) above						(1056.96)	(479.80)
	c) Amount of IDC in B(a) above	(10135.23)	(367.65)	(2864.51)	(1822.72)			
	d) Amount of FC in B(a) above							
	e) Amount of FERV in B(a) above							
	f) Amount of Hedging Cost in B(a) above							
	g) Amount of IEDC in B(a) above	(3423.08)	358.46	(322.95)	(338.00)			
C	a) Transferred to Gross Block Amount during the period	640323.76	31772.43	99071.58	37813.34			5597.19
	b) Amount of capital liabilities in C(a) above	(2758.70)	(148.72)	(2147.88)	(1309.16)			(1872.07)
	c) Amount of IDC in C(a) above	(218928.58)	(5296.80)	(34756.58)	(8083.14)			
	d) Amount of FC in C(a) above							
	e) Amount of FERV in C(a) above							
	f) Amount of Hedging Cost in C(a) above							
	g) Amount of IEDC in C(a) above	(111316.48)	(4727.09)	(13672.32)	(4848.29)			0.00
D	a) Deletion in CWIP during the period							
	b) Amount of capital liabilities in D(a) above							
	c) Amount of IDC in D(a) above							
	d) Amount of FC in D(a) above							
	e) Amount of FERV in D(a) above							
	f) Amount of Hedging Cost in D(a) above							
	g) Amount of IEDC in D(a) above							
E	a) Closing CWIP as per books	148220.09	119348.53	26803.70	0.00	0.00	3836.20	2260.12
	b) Amount of capital liabilities in E(a) above	(105.16)	(2853.66)	(3012.58)	0.00	0.00	(1056.96)	(336.11)
	c) Amount of IDC in E(a) above	(40841.74)	(40012.40)	(7200.42)	0.00			
	d) Amount of FC in E(a) above							
	e) Amount of FERV in E(a) above							
	f) Amount of Hedging Cost in E(a) above							
	g) Amount of IEDC in E(a) above	(27046.20)	(21960.65)	(4811.28)	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)

Year wise STL drawal: Rs. in lakh

Year	STL				KaHEP's share
	SBI	PNB	IOB	Canara	
2013-14	10000.00				2250.00
	20000.00				12000.00
2014-15	5000.00				3000.00
		7500.00			4500.00
			10000.00		6000.00
2015-16	15000.00				15000.00
2016-17	30000.00				18000.00
	13300.00				7980.00
2017-18	20000.00				12000.00
2018-19				10000	10000.00
2019-20				40000	40000.00
Total	153300.00	7500.00	10000.00	50000.00	136730.00

Summary of Interest & FC on STL-Kameng HEP-31.08.2019 Rs. in lakh

	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Total
I.Interest on STL									
SBI:									
1.STL Rs.100 c	73.21	75.04							148.25
2.STL Rs.200 cr.		583.53	112.83						696.36
3.STL Rs.60 cr.		136.74	52.34						189.08
4.STL Rs.150 cr.			261.75						261.75
4.STL Rs.300 cr.				663.38	208.18				871.56
5.STL Rs.133 cr.				78.50	145.61				224.11
6.STL Rs.200 cr.					765.76	97.32			863.08
IOB:									
1.STL Rs.100 cr.		232.17							232.17
PNB:									
1.STL Rs.75 cr.		162.30							162.30
Canara:									
1.STL Rs.500 cr.						33.18	2,933.89	1,696.38	4663.45
Total	73.21	1189.77	446.92	741.88	1119.55	130.49	2933.89	1696.38	8332.10
2.FC	0.45	1.51	2.41	1.22	1.26	1.33	1.34	1.81	11.31

Summary of IDC on STL for Kameng:

Year	SBI	IOB	PNB	Canara	Total	FC
2013-14	7320683				7320683	40000
2014-15	79530581	23216842	16229647		118917070	151461
2015-16	44692270				44692270	241380
2016-17	74167877				74167877	122216
2017-18	111954948				111954948	126417
2018-19	9731508			0	9731508	131787
2019-20				Principal	0	130700
2020-21				0		
Total	327417865	23216842	16229647	0	366864353	950041

SBI Short Term Loan

Loan A/c No.33441472739

A Drawal of Loan:From SBI (Rs.100 cr)

Instalment	Date of drawal	Amount
1st	11-Nov-13	350000000
2nd	18-Nov-13	250000000
3rd	25-Nov-13	150000000
4th	7-Jan-14	250000000
Total		1000000000

Repayment Schedule:

1st	10-Feb-14	250000000
2nd	10-May-14	250000000
3rd	10-Aug-14	250000000
4th	10-Nov-14	250000000
Total		1000000000

B Drawal of Loan:From SBI (Rs.200 cr)

Instalment	Date of drawal	Amount
1st	25-Jul-14	350000000
2nd	25-Jul-14	150000000
3rd	1-Aug-14	650000000
4th	7-Aug-14	250000000
5th	28-Aug-14	250000000
6th	18-Sep-14	200000000
7th	24-Sep-14	200000000
Total		2000000000

Repayment Schedule:

1st	24-Oct-14	500000000
2nd	24-Jan-15	500000000
3rd	24-Apr-15	500000000
4th	24-Jul-15	500000000
Total		2000000000

C Drawal of Loan:From SBI (Rs.50 cr)

Instalment	Date of drawal	Amount
1st	24-Sep-14	200000000
2nd	26-Sep-14	300000000
Total		500000000

Repayment Schedule:

1st	23-Dec-14	125000000
2nd	23-Mar-15	125000000
3rd	23-Jun-15	125000000
4th	23-Sep-15	125000000
Total		500000000

Interest Calculation 2013-14:SBI

November, 2013:

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
11-Nov-13	350000000	10.25%	11-Nov-13	17-Nov-13	7		688014	154803
18-Nov-13	600000000	10.25%	18-Nov-13	24-Nov-13	7		1179452	265377
25-Nov-13	750000000	10.25%	25-Nov-13	30-Nov-13	6		1263699	284332
Total					20		3131164	704512

December, 2013:

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
1-Dec-13	753131164	10.25%	1-Dec-13	26-Dec-13	26		5495889	1237250
27-Dec-13	750000000	10.25%	27-Dec-13	31-Dec-13	5		1055982	236946
Total					31		6551971	1474196

January, 2014:

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
1-Jan-14	756551971	10.25%	1-Jan-14	6-Jan-14	6		1274739	286816
7-Jan-14	1006551971	10.25%	7-Jan-14	12-Jan-14	6		1695971	381594
13-Jan-14	1000000000	10.25%	13-Jan-14	31-Jan-14	19		5335436	1200514
Total					31		8306126	1868923

February, 2014:

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
1-Feb-14	1000306326	10.25%	1-Feb-14	2-Feb-14	2		566309	127430
3-Feb-14	1000000000	10.25%	3-Feb-14	28-Feb-14	26		7361370	1642808
Total					28		7967679	1770238

March,2014:

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
1-Mar-14	1007667679	10.25%	1-Mar-14	2-Mar-14	2		566063	127364
3-Mar-14	757667679	10.25%	3-Mar-14	3-Mar-14	1	250000000	212826	47886
4-Mar-14	750000000	10.25%	4-Mar-14	31-Mar-14	28		5897260	1326884
Total					31	250000000	6676150	1502133
Excess recovered by SBI							3061	693
Excess provision as on 31.03.2014							22860	5144
Interest charged to projects during 2013-14							32559231	7329827

FY-2013-14

State Bank of India Rs.100 cr

Projects	A/c Code (Interest)	Apportion	Nov,2013	Dec,2013	Remit.for Jan,2014 Bal.of Dec,13	Jan,2014	Feb,2014	Mar,2014	Rectt. 32161728 during 2014-15	Charged to project	Reconciled figure		JV-42100597
KelHEP	150170	22.50	764512	1499050	5144	1868923	1770228	1552828	5144	7205827	7320683	confirmed	5144
Pare HEP	150171	31.25	978489	2040347	7144	2595727	2458650	2087260	7142	10174759	10,167,616		7144
Tuirial HEP	150172	21.25	313116	652911	2286	1765084	1671882	1419337	2023529	7848155	7,848,155	confirmed	4,858
TGBPP	150174	15.00	665372	1387436	4858	1245949	1180152	1001985	-894902	4556792	4568464	confirmed	2286
AGTP-Edn	150173	10.00	409675	970367	3429	830633	786768	667923	-1118053	2619742	28,953.14		3429
Total		100.00	3131164	6529111	22860	8306326	7887679	6679231	22860	32559233			22860
				6551971									

Interest Calculation 2014-15:

1.State Bank of India:Rs.100 cr

April,2014:

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
1-Apr-14	756676150	10.25%	1-Apr-14	1-Apr-14	1		21249	44219
2-Apr-14	750000000	10.25%	2-Apr-14	21-Apr-14	20		4212329	44219
22-Apr-14	562500000	10.25%	22-Apr-14	30-Apr-14	9	187500000	142166	58958
Total					30	187500000	5846481	147396
Excess recovered by SBI							49343	
Actually recovered by SBI							5895824	147396

May,2014:

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
1-May-14	562500000	10.25%	1-May-14	9-May-14	9		142166	426498
10-May-14	500000000	10.25%	10-May-14	31-May-14	22	62500000	308904	926712
Total					31		4516702	1353231
Under recovery by SBI							-1727	-368
Actually recovered by SBI							4500479	1352863

June,2014:

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	share of Kameng
1-Jun-14	500000000	10.25%	1-Jun-14	30-Jun-14	30		4212329	1263699
Total					30		4212329	1263699
Excess recovery by SBI							39	12
Actually recovered by SBI							4212368	1263710

July,2014:

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	share of Kameng
1-Jul-14	500000000	10.25%	1-Jul-14	31-Jul-14	31		4352740	1305822
Total					31		4352740	1305822

August,2014:

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	share of Kameng
1-Aug-14	250000000	10.25%	1-Aug-14	31-Aug-14	31	250000000	2176370	652911
Total					31		2176370	652911

September,2014:

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	share of Kameng
1-Sep-14	250000000	10.25%	1-Sep-14	30-Sep-14	30		2106164	631849
Total					30		2106164	631849

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
Oct, 2014	250000000	10.25%	1-Oct-14	31-Oct-14	31		2176370	652911
Total					31		2176370	652911

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
Nov, 2014	250000000	10.25%	1-Nov-14	9-Nov-14	9	250000000	631849	189555
Total					9		631849	189555
Excess provision as on 31.03.2014 reversed							-22860	-5144
Interest charged to projects during 2013-14							26636300	6191852
Loan closed on 10th November,2014								

1.STL sanctioned-SBI Rs.100 cr.

Projects	A/c Code (interest)	Apportion	April,2014	May,2014	June,2014	July,2014	Aug,2014	Sept,2014	Oct,2014	Nov 09,2014	Total	Excess provision reversed
KaHEP	160170	22.50	1459216	1352843	1263716	1309822	652911	631849	652911	189555	7535823	-5144
Pare HEP	160171	31.25	2026690	1878949	1755163	1818642	906821	877568	906821	263271	10421770	-7144
Tuting HEP	160172	21.25	1378149	1277685	1193504	1233276	616638	596747	616638	179024	7096803	-4856
AGTP-Extn	160173	15.00	619062								619634	-3428
TGBPP	160174	10.00	412708								410422	-2286
Total		100.00	5895824	4509475	4212388	4362140	2176370	2106164	2176370	631849	26083682	-23886
After repayment		75.00										

Note: TGBPP & AGTP's principal fully repaid on 22nd April,2014

2.State Bank of India-Rs.200 cr (w.e.f 25th Jul,2014)

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
25-Jul-14	450000000	10.20%	25-Jul-14	31-Jul-14	7		882274	526164
Total							882274	526164

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
1-Aug-14	1100000000	10.20%	1-Aug-14	6-Aug-14	6		1844384	1106630
7-Aug-14	1350000000	10.20%	7-Aug-14	27-Aug-14	21		7922466	4753479
28-Aug-14	1600000000	10.20%	28-Aug-14	31-Aug-14	4		1788493	1073096
Total					31		11555342	6933205

September,2014:

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
1-Sep-14	1600000000	10.20%	1-Sep-14	17-Sep-14	17		7801096	4680658
18-Sep-14	1800000000	10.20%	18-Sep-14	23-Sep-14	6		3018082	1810849
24-Sep-14	2000000000	10.20%	24-Sep-14	30-Sep-14	7		3912329	2347397
Total					30		14831507	8718904

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
Oct, 2014	2000000000	10.20%	1-Oct-14	23-Oct-14	23		12854795	7712877
	1500000000	10.20%	24-Oct-14	31-Oct-14	8	500000000	3353423	2012055
Total							16208218	9724932

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
Nov, 2014	1500000000	10.20%	1-Nov-14	30-Nov-14	30		12575342	7545205
Total							12575342	7545205

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
Dec, 2014	1500000000	10.20%	1-Dec-14	31-Dec-14	31		12994521	7796712
Total							12994521	7796712

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
January, 2015	1512994521	10.20%	1-Jan-15	5-Jan-15	5		2154046	1292428
	1500000000	10.20%	6-Jan-15	31-Jan-15	26		10859630	6515778
Total							13012676	7808206

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
February, 2015	1513012676	10.20%	1-Feb-15	1-Feb-15	1		422815	253689
	1000000000	10.20%	2-Feb-15	28-Feb-15	27	500000000	7545205	4527123
Total							7968020	4780812

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
March, 2015	1007968020	10.20%	1-Mar-15	1-Mar-15	1		281875	169007
	1000000000	10.20%	2-Mar-15	31-Mar-15	30		8383562	5030137
Refunded by SBI							-1139985	-681579
Total							7529275	4517565
Interest charged to projects during 2014-15							97255177	58353106

2.STL sanctioned-SBI Rs.200 cr at 0.20% over base rate of 10%-wef 25.07.2014

Projects	A/c Code (Interest)	Ratio	July,2014	Aug,2014	Sept,2014	Oct,2014	Nov ,2014	Dec,2014	Jan,2015	Feb,2015	Mar,2015 (Accrued)	Total
KaHEP	150170	60	538164	6933205	8218903	9724831	7545205	7786713	7607686	4760812	4517965	56933504
Pare HEP	150171	20	179055	2311068	2806301	3241644	2515068	2598904	2602535	1593604	1505955	19451034
Turial HEP	150172	20	179055	2311068	2806301	3241644	2515068	2598904	2602535	1593604	1505955	19451034
		100	896274	11555342	14031507	16206219	12575342	12984521	13012576	7950020	7529275	97335172
Excess refunded on 27.10.2014					26301.00						1135965	

3.State Bank of India Rs.50 cr [w.e.f 24th Sept,2014]

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
24-Sep-14	200000000	10.20%	24-Sep-14	25-Sep-14	2		111781	67068
26-Sep-14	500000000	10.20%	26-Sep-14	30-Sep-14	5		698630	419178
Total							810411	486247

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
Oct, 2014	500000000	10.20%	1-Oct-14	31-Oct-14	31	500000000	4331507	2598904
Total							4331507	2598904

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
Nov, 2014	500000000	10.20%	1-Nov-14	30-Nov-14	30		4191781	2515068
Total							4191781	2515068

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
Dec, 2014	500000000	10.20%	1-Dec-14	22-Dec-14	22		3073973	1844384
	375000000	10.20%	23-Dec-14	31-Dec-14	9	125000000	943151	565690
Total							4017123	2410074

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
January, 2015	378017123	10.20%	1-Jan-15	5-Jan-15	5		529686	317751
	375000000	10.20%	6-Jan-15	31-Jan-15	26		2724658	1634795
Total							3254344	1952546

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
February, 2015	378254244	10.20%	1-Feb-15	1-Feb-15	1		105704	63422
	375000000	10.20%	2-Feb-15	28-Feb-15	27		2829452	1697671
Total							2935156	1761094

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
March, 2015	377935156	10.20%	1-Mar-15	1-Mar-15	1		105615	63369
	375000000	10.20%	2-Mar-15	31-Mar-15	30	125000000	3143836	1886301
Total							3249450	1949670
Interest charged to projects during 2014-15							22789672	13673803

3.STL sanctioned-SBI Rs.50 cr at 0.20% over base rate of 10%-wef 24.09.2014

Projects	A/c Code (Interest)	Ratio	Sept,2014	Oct,2014	Nov,2014	Dec,2014	Jan,2015	Feb,2015	Mar,2015 (Accrued)	Total
KaHEP	150170	60	486247	2598904	2515068	2410274	1952546	1761094	1849670	13673804
Pare HEP	150171	20	162082	866301	838356	803425	650849	587031	616890	4557934
Turial HEP	150172	20	162082	866301	838356	803425	650849	587031	616890	4557934
		100	810411	4331508	4191781	4017123	3254244	2935156	3349450	22789672

IOB Short Term Loan

IOB STL of Rs.75 +Rs25 cr

Drawal of loan:			Repayment Schedule			
Date	Installment	Amount drawn	Installment	Date	Amount	
27-May-14	1st	100000000	1st	31-Aug-14	187500000	prepaid on 1.08.2014
30-May-14	2nd	200000000	2nd	30-Nov-14	187500000	
13-Jun-14	3rd	300000000	3rd	28-Feb-15	187500000	
27-Jun-14	4th	150000000	4th	31-May-15	187500000	
Total		750000000				
27-Jun-14	1st	200000000	1st	31-Oct-14	625000000	
9-Jul-14	2nd	50000000	2nd	31-Jan-15	625000000	
Total		250000000	3rd	30-Apr-15	625000000	
G/Total		1000000000	4th	31-Jul-15	625000000	

May, 2014:

Date	Amount outstanding	Effective rate	From	To	No of days	Interest	Share of Kameng			
27-May-14	900000000	10.25%	27-May-14	29-May-14	3	84247	50548			
30-May-14	900000000	10.25%	30-May-14	12-Jun-14	14	1179452	707671			
13-Jun-14	600000000	10.25%	13-Jun-14	25-Jun-14	13	2190411	1314247			
Interest paid						3454110	2072466	Rs 25 cr sanctioned		Share of Kameng
26-Jun-14	603454110	10.25%	26-Jun-14	26-Jun-14	1	169463	101678	Outstng.	Interest	
27-Jun-14	750000000	10.25%	27-Jun-14	8-Jul-14	12	2527398	1516439	200000000	673974	404384
9-Jul-14	750000000	10.25%	9-Jul-14	26-Jul-14	18	3793097	2276458	250000000	1263700	758220
Interest paid						6489958	3893775		1937673	1162604
27-Jul-14	756487958	10.25%	27-Jul-14	27-Jul-14	1	212408	127483	251937673	70750	42450
28-Jul-14	750000000	10.25%	28-Jul-14	31-Jul-14	4	842466	505479	250000000	280822	168493
1-Aug-14	562500000	10.25%	1-Aug-14	27-Aug-14	27	4264984	2558990	250000000	1695549	1137329
Interest paid						5319858	3191931		2241120	1348273
28-Aug-14	567819858	10.25%	28-Aug-14	28-Aug-14	1	159456	95674	252247120	70637	42502
29-Aug-14	562500000	10.25%	29-Aug-14	25-Sep-14	28	4422946	2653768	250000000	1965753	1179852
Interest paid						4582402	2749442		2036390	1222354
26-Sep-14	567082402	10.25%	26-Sep-14	26-Sep-14	1	159249	95550	252036390	70777	42466
27-Sep-14	562500000	10.25%	27-Sep-14	25-Oct-14	29	4580908	2748545	250000000	2035960	1221576
Interest paid						4740157	2844094		2106737	1264043
26-Oct-14	567240157	10.25%	26-Oct-14	29-Oct-14	4	637174	382304	252306737	283188	169913
30-Oct-14	562500000	10.25%	30-Oct-14	30-Oct-14	1	157962	94777	250000000	70205	42123
31-Oct-14	562500000	10.25%	31-Oct-14	21-Nov-14	22	3475172	2085103	187500000	1158369	695034
Interest paid						4270308	2562185		1511764	907073
Interest charged to projects during 2014-15						29854824	17912895		9833996	5903845

IOB:

Projects	A/c Code (Interest)	Apportion	2014-15	
KaHEP	150525	60%	23216840	23216840
Pare HEP	150526	20%	7738946	
Turial HEP	150527	20%	7738946	
Total (75+25)			38694730	

PNB Short Term Loan

PNB Loan sanctioned Rs.75.00 crore

Date	Installment	Amount drawn	Installment	Date	Amount
27-May-14	1st	100000000	1st	31-Aug-14	187500000
13-Jun-14	2nd	200000000	2nd	30-Nov-14	187500000
18-Jun-14	3rd	200000000	3rd	28-Feb-15	187500000
27-Jun-14	4th	150000000	4th	31-May-15	187500000
9-Jul-14	5th	100000000			
Total		750000000			

May, 2014:

Date	Amount outstanding	Effective rate	From	To	No of days	Interest	Share of Kameng
27-May-14	100000000	10.25%	27-May-14	31-May-14	5	140411	84247
Total						140411	84247

June, 2014:

Date	Amount outstanding	Effective rate	From	To	No of days	Interest	Share of Kameng
1-Jul-14	100000000	10.25%	1-Jun-14	12-Jun-14	12	336986	202192
13-Jun-14	300000000	10.25%	13-Jun-14	17-Jun-14	5	421233	252740
18-Jun-14	500000000	10.25%	18-Jun-14	26-Jun-14	9	1263699	758219
27-Jun-14	650000000	10.25%	27-Jun-14	27-Jun-14	1	182534	109521
28-Jun-14	650000000	10.25%	28-Jun-14	28-Jun-14	1	182534	109521
29-Jun-14	650000000	10.25%	29-Jun-14	29-Jun-14	1	182534	109521
30-Jun-14	650000000	10.25%	30-Jun-14	30-Jun-14	1	182534	109521
Total						2753955	1651233

July, 2014:

Date	Amount outstanding	Effective rate	From	To	No of days	Interest	Share of Kameng
1-Jul-14	650000000	10.25%	1-Jul-14	8-Jul-14	8	1462274	876764
9-Jul-14	750000000	10.25%	9-Jul-14	31-Jul-14	23	4844178	2906907
Total						6306452	3783671

Aug, 2014:

Date	Amount outstanding	Effective rate	From	To	No of days	Interest	Share of Kameng
1-Aug-14	562500000	10.25%	1-Aug-14	31-Aug-14	31	4898632	2938899
Total						4898632	2938899

Sept, 2014:

Date	Amount outstanding	Effective rate	From	To	No of days	Interest	Share of Kameng
1-Sep-14	562500000	10.25%	1-Sep-14	30-Sep-14	30	4738870	2843322
Total						4738870	2843322

October, 2014:

Date	Amount outstanding	Effective rate	From	To	No of days	Interest	Share of Kameng
1-Oct-14	562500000	10.25%	1-Oct-14	31-Oct-14	31	4898632	2938899
Total						4898632	2938899

November, 2014:

Date	Amount outstanding	Effective rate	From	To	No of days	Interest	Share of Kameng
1-Oct-14	587396832	10.25%	1-Nov-14	2-Nov-14	2	318675	191205
	562500000	10.25%	3-Nov-14	21-Nov-14	19	3001264	1800771
Total						3319939	1991976
Interest charged to projects during 2014-15						27049411	16229647

PNB:

Projects	A/c Code (Interest)	Apportion	2014-15
KaHEP	150535	60%	16229647
Pare HEP	150536	20%	5409882
Turial HEP	150537	20%	5409882
Total			27049411

2014-15:

Charged to project-2014-15	SBI	ICICI	PNB	Total
KaHEP	73030581	23215843	16229647	112476070
Pare HEP	34430738	7738948	5409882	47579568.2
Turial HEP	31065771	7738948	5409882	44214599.2
TGSPP	615634			615634
AGTP-Extn	415422			415422
Total	146093146	38694733.77	27049411.3	211837261

2015-16:

1.(April 2015 to July 23, 2015)-STL Rs.200 cr from SBI

Month	Outstanding	Interest rate	From	To	No.of days	Repayment	Interest	Share of Turial	Share of Pare	Share of Kameng
April, 2015	1008685240	10.20%	1-Apr-15	6-Apr-15	6		1691091	338218	338218	1014655
	1000000000	10.05%	7-Apr-15	23-Apr-15	17		4680820	936164	936164	2808492
	500000000	10.05%	24-Apr-15	30-Apr-15	7	500000000	963699	192740	192740	578219
Total							7335610	1467122	1467122	4401366

Month	Outstanding	Interest rate	From	To	No.of days	Repayment	Interest	Share of Turial	Share of Pare	Share of Kameng
May, 2015	500000000	10.05%	1-May-15	31-May-15	31		4267808	853562	853562	2560685
Total							4267808	853562	853562	2560685

Month	Outstanding	Interest rate	From	To	No.of days	Repayment	Interest	Share of Turial	Share of Pare	Share of Kameng
June,2015	500000000	10.05%	1-Jun-15	7-Jun-15	7		963699	192740	192740	578219
	500000000	9.90%	8-Jun-15	30-Jun-15	23		3119178	623836	623836	1871507
Total							4082877	816575	816575	2449726

Month	Outstanding	Interest rate	From	To	No.of days	Repayment	Interest	Share of Turial	Share of Pare	Share of Kameng
July, 2015	500000000	9.90%	1-Jul-15	23-Jul-15	23	500000000	3119178	623836	623836	1871507
Total							3119178	623836	623836	1871507
Interest charged to projects during 2014-15							18805474	3761095	3761095	11283284
Loan closed on July 24, 2015										

2.April 2015 to July 23, 2015-STL Rs.50 cr from SBI

Month	Outstanding	Interest rate	From	To	No.of days	Repayment	Interest	Share of Turial	Share of Pare	Share of Kameng
April, 2015	250000000	10.20%	1-Apr-15	6-Apr-15	6		419178	83836	83836	251507
	250000000	10.05%	7-Apr-15	30-Apr-15	24		1652055	330411	330411	991233
Sub total							2071233	414247	414247	1242740
Adjustment of interest							-100804	-20161	-20161	-60483
Total (for April)							1970429	394086	394086	1182257

Month	Outstanding	Interest rate	From	To	No.of days	Repayment	Interest	Share of Turial	Share of Pare	Share of Kameng
May, 2015	250000000	10.05%	1-May-15	31-May-15	31		2133904	426781	426781	1280342
Sub total							2133904	426781	426781	1280342

Month	Outstanding	Interest rate	From	To	No.of days	Repayment	Interest	Share of Turial	Share of Pare	Share of Kameng
June, 2015	250000000	10.05%	1-Jun-15	7-Jun-15	7		481849	96370	96370	289110
	250000000	9.90%	8-Jun-15	22-Jun-15	15		1017123	203425	203425	610274
	125000000	9.90%	23-Jun-15	30-Jun-15	8	125000000	271233	54247	54247	162740
Total							1770205	354041	354041	1062123
July, 2015	125000000	9.90%	1-Jul-15	31-Jul-15	31		1051027	210205	210205	630816
Sub total							1051027	210205	210205	630816

Month	Outstanding	Interest rate	From	To	No.of days	Repayment	Interest	Share of Turial	Share of Pare	Share of Kameng
August, 2015	126051027	9.90%	1-Aug-15	2-Aug-15	2		68378	13676	13676	41027
	125000000	9.90%	3-Aug-15	31-Aug-15	29		983218	196644	196644	589932
Total							1051596	210320	210320	630959

Month	Outstanding	Interest rate	From	To	No.of days	Repayment	Interest	Share of Turial	Share of Pare	Share of Kameng
September, 201	125051068	9.90%	1-Sep-15	1-Sep-15	1	125000000	34189	6838	6838	20514
	125000000	9.90%	2-Sep-15	22-Sep-15	21		711980	142397	142397	427190
Total							746170	149235	149235	447705
Interest charged to projects during 2015-16							8723339	1744668	1744668	5234004
Loan closed on 23rd Sept, 2015										

Loan A/C 34947736234

Drawal				Repayment			
Installment	Date	Amount	Cumulative	Installment	Date	Amount	Cumulative
1st drawal	26-May-15	100000000	100000000	1st	26th Aug'15	375000000	375000000
2nd drawal	13-Jul-15	200000000	210000000	2nd			
3rd drawal	24-Jul-15	600000000	810000000	3rd			
4th drawal	29-Jul-15	290000000	1100000000	4th			
5th drawal	18-Aug-15	200000000	1300000000				
6th drawal	8-Feb-16	200000000	1500000000				

3 May 2015 to Mar 2016, -STL Rs 150 cr from SBI

Date	Amount outstanding	Effective rate	From	To	No of days	Repayment	Interest	share of Kameng
May,2015	100000000	9.55%	26-May-15	31-May-15	6		16192	16192
Total							16192	16192

Date	Amount outstanding	Effective rate	From	To	No of days	Repayment	Interest	Share of Kameng
June,2015	100000000	9.85%	1-Jun-15	7-Jun-15	7		18880	18880
	100000000	9.70%	8-Jun-15	30-Jun-15	23		61123	61123
Total							80014	80014

Date	Amount outstanding	Effective rate	From	To	No of days	Repayment	Interest	Share of Kameng
July,2015	100000000	9.70%	1-Jul-15	12-Jul-15	12		31890	31890
	210000000	9.70%	13-Jul-15	23-Jul-15	11		613890	613890
	810000000	9.70%	24-Jul-15	28-Jul-15	5		1076301	1076301
	1100000000	9.70%	29-Jul-15	31-Jul-15	3		876986	876986
Total					31		2599068	2599068

Date	Amount outstanding	Effective rate	From	To	No of days	Repayment	Interest	Share of Kameng
August,2015	1100000000	9.70%	1-Aug-15	17-Aug-15	17		4869589	4869589
	1300000000	9.70%	18-Aug-15	25-Aug-15	8	375000000	2763836	2763836
	925000000	9.70%	26-Aug-15	31-Aug-15	6		1474932	1474932
Total					25		9208356	9208356

Date	Amount outstanding	Effective rate	From	To	No of days	Repayment	Interest	Share of Kameng
Sept,2015	925000000	9.70%	1-Sep-15	17-Sep-15	17		4178973	4178973
	925000000	9.70%	18-Sep-15	30-Sep-15	13		3195685	3195685
Total					30		7374658	7374658

Date	Amount outstanding	Effective rate	From	To	No of days	Repayment	Interest	Share of Kameng
October,2015	925000000	9.70%	1-Oct-15	4-Oct-15	4		983288	983288
	925000000	9.30%	5-Oct-15	31-Oct-15	27		6363493	6363493
Total					31		7346781	7346781

Date	Amount outstanding	Effective rate	From	To	No of days	Repayment	Interest	Share of Kameng
November, 2015	7346781	9.30%	1-Nov-15	1-Nov-15	1		1872	1872
	925000000	9.30%	1-Nov-15	4-Nov-15	4	900000000	942740	942740
	25000000	9.30%	5-Nov-15	30-Nov-15	26		166618	166618
Total					30		1111228	1111228

Date	Amount outstanding	Effective rate	From	To	No of days	Repayment	Interest	Share of Kameng
Dec' 2015	25000000	9.30%	1-Dec-15	31-Dec-15	31		197466	197466
	Excess deducted as commit. fees to be reversed by SBI						7841	7841
Total							205307	205307

Date	Amount outstanding	Effective rate	From	To	No of days	Repayment	Interest	Share of Kameng
Jan' 2016	205307	9.30%	1-Jan-16	1-Jan-16	1		52	52
	25000000	9.30%	1-Jan-16	31-Jan-16	31		197466	197466
	Excess deducted as commit. fees to be reversed by SBI						243074	243074
Total							440592	440592

Date	Amount outstanding	Effective rate	From	To	No of days	Repayment	Interest	Share of Kameng
Feb' 2016	440592	9.30%	1-Feb-16	1-Feb-16	1		112	112
	25000000	9.30%	1-Feb-16	7-Feb-16	7		44589	44589
	200000000	9.30%	8-Feb-16			225000000	0	0
	Excess deducted as commit. fees to be reversed by SBI						54888	54888
Total							99589	99589

Interest+commit charged to projects during 2015-16			28460785	28460785
Commit refunded by SBI & charged to projects during 2015-16			-305803	-305803
Net Interest charged to projects during 2015-16			28174982	28174982

Total (1+2+3)	55703795

Arrangement progress	SBI	Rs.200 cr	Rs.50 cr	Rs.150 cr
SVHEP	44693210	11283284	5234004	28174982
Kameng HEP	5605793			
Pare HEP	5404783			
Turial HEP	55703795			
Total				

2016-17:

SBI Short Term Loan

Drawal				Repayment			
Installment	Date	Amount	Cumulative	Installment	Date	Amount	Cumulative
1st	27-Jul-16	100000000	100000000	1st	27-Oct-16	2500000	
2nd	15-Sep-16	600000000	810000000	2nd	26-Jan-17	1000000000	
3rd	20-Sep-16	350000000	980000000	3rd	26-Apr-17	500000000	
4th	26-Sep-16	280000000	1240000000	4th	26-Jul-17	997000000	
5th	29-Sep-16	890000000	2130000000				
6th	7-Oct-16	100000000	2230000000				
7th	28-Oct-16	170000000					
8th	14-Dec-16	800000000					
Total		3900000000				3800000000	

Interest Calculation:

Date	Outstanding	Effective rate	Period of calculation From	Period of calculation To	No of days	Interest	Repayment	Allocation KalEP	Allocation Pare	Allocation Tulrial
27-Jul-16	100000000	9.15%	27-Jul-16	31-Jul-16	5	12535		7521	3343	1671
							Total	7521	3343	1671

August 2016

Date	Outstanding	Effective rate	Period of calculation From	Period of calculation To	No of days	Interest	Repayment	Allocation KalEP	Allocation Pare	Allocation Tulrial
August, 2016	100130140	9.10%	1-Aug-16	2-Aug-16	2	4993		2996	1331	666
	100000000	9.10%	3-Aug-16	31-Aug-16	29	72301		43381	19280	9640
Total						77294				
							Total	46377	20611	10306

September, 2016 (Accrued Interest)

Date	Outstanding	Effective rate	Period of calculation From	Period of calculation To	No of days	Interest	Repayment	Allocation KalEP	Allocation Pare	Allocation Tulrial
Sept, 2016	100000000	9.10%	1-Sep-16	14-Sep-16	14	34904		20942	9308	4656
	610000000	9.10%	15-Sep-16	19-Sep-16	5	760411		456247	202776	101388
	960000000	9.10%	20-Sep-16	25-Sep-16	6	1436055		861633	382948	191474
	1240000000	9.10%	26-Sep-16	28-Sep-16	3	927452		556471	247321	123660
	2130000000	9.10%	29-Sep-16	30-Sep-16	2	1062282		637369	283232	141611
Total						4220994		2532542	1125585	562787
							Upto Sept,2016	2579442	1146528	574765

October, 2016

Date	Outstanding	Effective rate	Period of calculation From	Period of calculation To	No of days	Interest	Repayment	Allocation KalEP	Allocation Pare	Allocation Tulrial
Oct, 2016	2130000000	9.05%	1-Oct-16	6-Oct-16	6	3198740		1961244	864997	432499
	2230000000	9.05%	7-Oct-16	26-Oct-16	20	11058356		6635014	2968895	1474447
	2227500000	9.05%	27-Oct-16	27-Oct-16	1	552295		331379	147279	73640
	2397500000	9.05%	28-Oct-16	31-Oct-16	4	2377798		1426877	634079	317039
Total						17187189		10294314	4575250	2297625
Amount deducted by SBI on 07/11/2016 under reconciliation						1801308				

Nov,2016

Date	Outstanding	Effective rate	Period of calculation From	Period of calculation To	No of days	Interest	Repayment	Allocation KalEP	Allocation Pare	Allocation Tulrial
	2601500000	9.05%	1-Nov-16	5-Nov-16	5	28793		18076	7145	3572
	2397500000	9.05%	1-Nov-16	30-Nov-16	30	178334569		107000741	47555689	23777199
7-Nov-16										
Total						178363362		107018817	47562734	23780771

Dec, 2016

Date	Outstanding	Effective rate	Period of calculation From	Period of calculation To	No of days	Interest	Repayment	Allocation KalEP	Allocation Pare	Allocation Tulrial
As on 01.12.201	2397500000	9.00%	1-Dec-16	13-Dec-16	13	7,685,137		4611082	2048370	1024685
14-Dec-16	2997500000	9.00%	14-Dec-16	31-Dec-16	18	13,303,973		7982384	3547726	1773863
Total					31	20,989,110		12,593,466	5,595,096	2,798,548

Jan, 2017

Date	Outstanding	Effective rate	Period of calculation From	Period of calculation To	No of days	Interest	Repayment	Allocation KalEP	Allocation Pare	Allocation Tulrial
Jan, 2016	2997500000	9.00%	1-Jan-17	24-Jan-17	24	17738630		10643178	4730301	2365151
	1997500000	9.00%	25-Jan-17	31-Jan-17	7	3447740	1000000000	2068644	919397	459699
Total					31	21186370		12711822	5649698	2824850

Feb, 2017

Date	Outstanding	Effective rate	Period of calculation From	Period of calculation To	No of days	Interest	Repayment	Allocation KalEP	Allocation Pare	Allocation Tulrial
As on 01.02.201	1997500000	9.00%	1-Feb-17	28-Feb-17	28	13796959		8274575	3677589	1838795
Total					28	13,796,959	0	8,274,575	3,677,589	1,838,795

Mar, 2017

Date	Outstanding	Effective rate	Period of calculation From	Period of calculation To	No of days	Interest (accrued)	Repayment	Allocation KalEP	Allocation Pare	Allocation Tulrial
Mar,2017	1997500000	9.00%	1-Mar-17	31-Mar-17	31	15,268,562		9161137	4071616	2035808
Total					31	15,268,562		9,161,137	4,071,616	2,035,808
								86337905	29483512	14741757

110983174

Amount Sanctioned:Rs.200 cr.
Date of Sanction:09.12.2016
Interest: 0.15 above MCLR presently 9.05 (i.e.9.90+0.15)

Loan A/C:

Instalment	Date	Amount	
1st	14-Dec-16	150000000	
2nd	21-Dec-16	150000000	
3rd	23-Feb-17	100000000	
4th	1-Mar-17	100000000	
5th	2-Mar-17	100000000	
6th	6-Mar-17	150000000	
7th	15-Mar-17	230000000	
8th	17-Mar-17	20000000	
9th	21-Mar-17	90000000	
10th	22-Mar-17	100000000	
Total		1330000000	

Date	Outstanding	Effective rate	From	To	No of days	Interest	Repayment	KalHEP	Pare	Tulrial
14-Dec-16	150000000	9.00%	14-Dec-16	20-Dec-16	7	258904		155342	69041	34521
21-Dec-16	300000000	9.00%	21-Dec-16	31-Dec-16	11	813699		488219	216986	108493
Total						1072603	0	643561	286027	143014
January,2017										
1-Jan-17	300000000	9.00%	1-Jan-17	31-Jan-17	31	2293151		1375890	611507	305753
Total						2293151	0	1375890	611507	305753
February,2017										
1-Feb-17	300000000	9.00%	1-Feb-17	22-Feb-17	22	1627397		976438	433973	216986
23-Feb-17	400000000	9.00%	23-Feb-17	28-Feb-17	6	591781		355068	157808	78904
Total						2219178	0	1331506	591781	295890
March,2017										
	500000000	9.00%	1-Mar-17	1-Mar-17	1	123288		73973	32877	16439
	600000000	9.00%	2-Mar-17	5-Mar-17	4	591781		355068	157808	78904
	700000000	9.00%	6-Mar-17	14-Mar-17	9	1666575		1011945	449753	224877
	850000000	9.00%	15-Mar-17	16-Mar-17	2	468216		292932	130192	65096
	900000000	9.00%	17-Mar-17	20-Mar-17	4	1045479		627288	278795	139397
	1060000000	9.00%	21-Mar-17	21-Mar-17	1	291667		175137	77838	37808
	1150000000	9.00%	22-Mar-17	31-Mar-17	10	3279452		1967671	874521	437260
	1330000000	9.00%				7498358	0	4499014	1999562	999780
Total (accrued)						13083288		7849971	3488877	1744437

13083285

Summary of interest on STL from SBI for 2016-17:

Projects	A/c code	Allocation	Jul,2016	Aug, 2016	Sept,2016	Oct,2016	Nov, 2016	Dec,2016 (Accrued)	Jan, 2017	Feb, 2017	Mar, 2017	Total	Rs.300 Cr	Rs.200 cr.
Kameng	150170	9	7521	46376	2532543	9029431	9316151	13237827	14087713	9696982	13660151	74187877	66337905	7849971
Pare	150171	4	3343	20612	1125574	4575250	4762734	5883123	6261205	4309370	6071178	32972389		
Tulrial	150172	2	1671	10306	562787	2287625	2381367	2941562	3130603	2154685	3035589	16486795		
Total		15	12535	77294	4220904	17157188	17860252	22061712	23479521	16,010,137	22,769,918	1.24E+08		

2017-18:
1.Rs.300 cr

Date	Outstanding	Effective rate	From	To	No of days	Interest	Repayment	KalHEP	Pare	Tulrial
Apl,2017	1997500000	9.00%	1-Apr-17	26-Apr-17	26	12,805,890	1000000000	7683534	3414904	1707452
	997500000	9.00%	27-Apr-17	30-Apr-17	4	983,836		590301	262356	131178
Total					30	13,789,726	1000000000	8,273,835	3,677,260	1,838,630

Date	Outstanding	Effective rate	From	To	No of days	Interest	Repayment	KalHEP	Pare	Tulrial
May,2017	997500000	9.00%	1-May-17	31-May-17	31	7,624,726		4574836	2033260	1016630
Total					31	7,624,726		4,574,836	2,033,260	1,016,630

Jun, 2017

Date	Outstanding	Effective rate	From	To	No of days	Interest	Repayment	KalHEP	Pare	Tulrial
Jun,2017	997500000	9.00%	1-Jun-17	30-Jun-17	30	7,378,767		4427260	1967671	983836
Total					30	7,378,767		4,427,260	1,967,671	983,836

Jul, 2017

Date	Outstanding	Effective rate	From	To	No of days	Interest	Repayment	KalHEP	Pare	Tulrial
Jul,2017	997500000	9.00%	1-Jul-17	24-Jul-17	24	5,903,014		3541808	1574137	787068
Total					24	5,903,014		3,541,808	1,574,137	787,068

Loan closed on 24.07.2017

2.Rs.300 cr

Apl,2017

Date	Outstanding	Effective rate	From	To	No of days	Interest	Repayment	KalHEP	Pare	Tulsi
Apl, 2017	1330000000	9.00%	1-Apr-17	30-Apr-17	30	9838356		5003014	2623962	1311781
Total						9838356	0	5003014	2623962	1311781

May,2017

Date	Outstanding	Effective rate	From	To	No of days	Interest	Repayment	KalHEP	Pare	Tulsi
May, 2017	1330000000	9.00%	1-May-17	31-May-17	31	10166391		6099781	2711014	1355507
Total						10166391	0	6099781	2711014	1355507

Jun,2017

Date	Outstanding	Effective rate	From	To	No of days	Interest	Repayment	KalHEP	Pare	Tulsi
Jun, 2017	1330000000	9.00%	1-Jun-17	13-Jun-17	13	4263288		2557973	1136877	568439
Total						4263288	0	2557973	1136877	568439
Loan closed										

At MCLR presently-8.00%
Date of sanctioned:28.05.2017
Loan A/C 38946430975
2.Rs.200 cr

Jun,2017

Date	Outstanding	Effective rate	From	To	No of days	Interest	Repayment	KalHEP	Pare	Tulsi
13-Jun-17	300000000	8.00%	13-Jun-17	13-Jun-17	1	65753		39452	1315	13,150
14-Jun-17	2000000000	8.00%	14-Jun-17	30-Jun-17	17	7452055		4471233	1490411	1,490,411
July, 2017	2000000000	8.00%	1-Jul-17	31-Jul-17	31	13589041		8153425	2717808	2,717,808
Aug, 2017	2000000000	8.00%	1-Aug-17	31-Aug-17	31	13589041		8153425	2717808	2,717,808
Sept, 2017	2000000000	8.00%	1-Sep-17	30-Sep-17	30	13150685		7890411	2630137	2,630,137
Oct, 2017	2000000000	8.00%	1-Oct-17	31-Oct-17	31	13589041		8153425	2717808	2,717,808
Nov, 2017	2000000000	8.00%	1-Nov-17	30-Nov-17	30	13150685		7890411	2630137	2,630,137
Dec, 2017	2000000000	8.00%	1-Dec-17	31-Dec-17	31	13589041		8153425	2717808	2,717,808
Jan,2018	2000000000	8.00%	1-Jan-18	31-Jan-18	31	13589041		8153425	2717808	2,717,808
Feb, 2018	2000000000	8.00%	1-Feb-18	28-Feb-18	28	12273973		7364384	2454795	2,454,795
Mar,2018	2000000000	8.00%	1-Mar-18	31-Mar-18	31	13589041		8153425	2717808	2,717,808
Total						127627397		76576441	25525479	25525477

2018-19 (SBI)

Apl,2018	2000000000	8.00%	1-Apr-18	2-Apr-18	2	876712	1000000000	526027	175342	175,343
	1000000000	8.00%	3-Apr-18	30-Apr-18	28	6136986		3682192	1227397	1,227,397
May,2018	1000000000	8.00%	1-May-18	31-May-18	31	6794521		4076712	1358904	1,358,905
Jun, 2018	1000000000	8.00%	1-Jun-18	11-Jun-18	11	2410959	1000000000	1446575	482192	482,192
						16219178	2000000000	9731506	3243835	3243837

Summary:

		KalHEP	Pare	Tulsi
2017-18	1.Rs.300 cr	20,817,739	9,252,328	4,628,164
	2.Rs.200 cr	14960769	6471453	3235726
	3.Rs.200 cr	76576441	25525479	25525477
Total		111,954,949	41,249,260	33,387,367
2018-19	3.Rs.200 cr-SBI	9731506	3243835	3243837

Interest during 2018-19	3,317,808
Interest during 2019-20	293,589,033
Interest during 2020-21	189,638,358
TOTAL	**486,345,199**

		Drawal	Repaid
1st tranche	1,000,000,000	18-Mar-19	16-Mar-20
2nd tranche	1,000,000,000	30-Apr-19	16-Nov-20
3rd tranche	1,000,000,000	9-Jul-19	9-Nov-20
4th tranche	1,000,000,000	30-Sep-19	31-Aug-20
5th tranche	1,000,000,000	23-Dec-19	16-Nov-20

Unit I	1-Apr-2020	17-Jun-2020	78
Unit II	18-Jun-2020	1-Jul-2020	14

Accrued as on 31.03.2019	Due date	Loan outstanding	Interest Rate (%)	From	To	No.of days	Amount
1st Tranche of STL	4/18/2019	1000000000	8.65%	18-Mar-2019	31-Mar-2019	14	3317808

	Principal	Rate	From	To	No.of days	days in a year	Interest
Accrued as on 31.03.2020							
2nd tranche	1000000000	8.65%	31-Mar-20	31-Mar-20	1	365	236,986
3rd tranche	1000000000	8.65%	9-Mar-20	31-Mar-20	23	365	5,450,685
4th tranche	1000000000	8.65%	31-Mar-20	31-Mar-20	1	365	236,986
5th tranche	1000000000	8.65%	23-Mar-20	31-Mar-20	9	365	2,132,877
							8,057,534

Interest paid during 2019-20										
Particulars	Due date	Loan outstanding	Interest Rate (%)	From	To	No.of days	Amount	Interest recovered by Bank	Revenue	IDC
1st Tranche of STL drawn on 18.3.19		1000000000								
1st instl of Int paid on 18.04	4/18/2019	1000000000	8.65%	18-Mar-2019	17-Apr-2019	31	7,346,575	7,346,575		
2nd instl of Int paid on 17.0	5/18/2019	1000000000	8.65%	18-Apr-2019	17-May-2019	30	7,109,589	7,110,368		
3rd instl of Int paid on 18.06	6/18/2019	1000000000	8.65%	18-May-2019	17-Jun-2019	31	7,346,575	7,349,945		
4th instl of Int paid on 18.07	7/18/2019	1000000000	8.65%	18-Jun-2019	17-Jul-2019	30	7,109,589	7,109,589		
5th instl of Int paid on 19.08	8/18/2019	1000000000	8.65%	18-Jul-2019	17-Aug-2019	31	7,346,575	7,346,914		
6th instl of Int paid on 18.09	9/18/2019	1000000000	8.65%	18-Aug-2019	17-Sep-2019	31	7,346,575	7,348,042		
7th instl of Int paid on 18.10	10/18/2019	1000000000	8.65%	18-Sep-2019	17-Oct-2019	30	7,109,589	7,109,589		
8th instl of Int paid on 18.11	11/18/2019	1000000000	8.65%	18-Oct-2019	17-Nov-2019	31	7,346,575	7,346,575		
9th instl of Int paid on 19.12	12/18/2019	1000000000	8.65%	18-Nov-2019	17-Dec-2019	30	7,109,589	7,109,589		
10th instl of Int paid on 19.0	1/18/2020	1000000000	8.65%	18-Dec-2019	17-Jan-2020	31	7,346,575	7,346,575		
11th instl of Int paid on 18.0	2/18/2020	1000000000	8.65%	18-Jan-2020	17-Feb-2020	31	7,346,575	7,346,601		
12th instl of Int paid on 16.0	3/18/2020	1000000000	8.65%	18-Feb-2020	15-Mar-2020	27	6,398,630	6,398,788		
						Sub Total	**88,263,011**	**88,269,150**	-	**88,263,011**
2nd Tranche of STL drawn on 30.4.19		1000000000								
1st instl of Int paid on 31.05	5/30/2019	1000000000	8.65%	30-Apr-2019	30-May-2019	31	7,346,575	7,346,575		
2nd instl of Int paid on 30.06	6/30/2019	1000000000	8.65%	31-May-2019	29-Jun-2019	30	7,109,589	7,109,589		
3rd instl of Int paid on 31.07	7/30/2009	1000000000	8.65%	30-Jun-2019	30-Jul-2019	31	7,346,575	7,346,575		
4th instl of Int paid on 01.09	8/30/2019	1000000000	8.65%	31-Jul-2019	30-Aug-2019	31	7,346,575	7,346,575		
5th instl of Int paid on 30.09	9/30/2019	1000000000	8.65%	31-Aug-2019	29-Sep-2019	30	7,109,589	7,109,589		
6th instl of Int paid on 31.10	10/30/2019	1000000000	8.65%	30-Sep-2019	30-Oct-2019	31	7,346,575	7,346,575		
7th instl of Int paid on 30.11	11/30/2019	1000000000	8.65%	31-Oct-2019	29-Nov-2019	30	7,109,589	7,109,589		
8th instl of Int paid on 31.12	12/30/2019	1000000000	8.65%	30-Nov-2019	30-Dec-2019	31	7,346,575	7,346,575		
9th instl of Int paid on 31.01	1/30/2020	1000000000	8.65%	31-Dec-2019	30-Jan-2020	31	7,346,575	7,346,575		
10th instl of Int paid on 29.0	2/29/2020	1000000000	8.65%	31-Jan-2020	28-Feb-2020	29	6,872,603	6,872,603		
11th instl of Int paid on 31.0	3/30/2020	1000000000	8.65%	29-Feb-2020	30-Mar-2020	31	7,346,575	7,346,575		
						Sub Total	**79,627,395**	**79,627,395**	-	**79,627,395**
3rd Tranche of STL drawn on 9.07.19		1000000000								
1st instl of Int paid on 09.08	8/9/2019	1000000000	8.65%	9-Jul-2019	8-Aug-2019	31	7,346,575	7,346,575		
2nd instl of Int paid on 09.09	9/9/2019	1000000000	8.65%	9-Aug-2019	8-Sep-2019	31	7,346,575	7,346,575		
3rd instl of Int paid on 10.10	10/9/2019	1000000000	8.65%	9-Sep-2019	8-Oct-2019	30	7,109,589	7,109,938		
4th instl of Int paid on 09.11	11/9/2019	1000000000	8.65%	9-Oct-2019	8-Nov-2019	31	7,346,575	7,348,675		
5th instl of Int paid on 09.12	12/9/2019	1000000000	8.65%	9-Nov-2019	8-Dec-2019	30	7,109,589	7,112,137		
6th instl of Int paid on 09.01	1/9/2020	1000000000	8.65%	9-Dec-2019	8-Jan-2020	31	7,346,575	7,346,575		
7th instl of Int paid on 10.02	2/9/2020	1000000000	8.65%	9-Jan-2020	8-Feb-2020	31	7,346,575	7,346,964		
8th instl of Int paid on 09.03	3/9/2020	1000000000	8.65%	9-Feb-2020	8-Mar-2020	29	6,872,603	6,874,284		
						Sub Total	**57,824,656**	**57,831,733**	-	**57,824,656**

4th Tranche of STL drawn on 30.9.19		1000000000								
1st instl of Int paid on 31.10	10/30/2019	1000000000	8.65%	30-Sep-2019	30-Oct-2019	31	7,346,575	7,308,540		
2nd instl of Int paid on 30.1	11/30/2019	1000000000	8.65%	31-Oct-2019	29-Nov-2019	30	7,109,589	7,109,589		
3rd instl of Int paid on 31.12	12/30/2019	1000000000	8.65%	30-Nov-2019	30-Dec-2019	31	7,346,575	7,346,575		
4th instl of Int paid on 31.01	1/30/2020	1000000000	8.65%	31-Dec-2019	30-Jan-2020	31	7,346,575	7,347,263		
5th instl of Int paid on 29.02	2/29/2020	1000000000	8.65%	31-Jan-2020	28-Feb-2020	29	6,872,603	6,873,240		
6th instl of Int paid on 31.03	3/30/2020	1000000000	8.65%	29-Feb-2020	30-Mar-2020	31	7,346,573	7,346,575		
						Sub Total	**43,368,491**	**43,376,382**	-	**43,368,491**
5th Tranche of STL drawn on 23.12.19		1000000000								
1st instl of Int paid on 23.01	1/23/2019	1000000000	8.65%	23-Dec-2019	22-Jan-2020	31	7,346,575	132,009		
1st instl of Int paid on 24.01	1/24/2019							7,220,680		
2nd instl of Int paid on 25.0	2/23/2020	1000000000	8.65%	23-Jan-2020	22-Feb-2020	31	7,346,575	7,348,673		
3rd instl of Int paid on 23.0	2/23/2020	1000000000	8.65%	23-Feb-2020	22-Mar-2020	29	6,872,603	6,874,277		
						Sub Total	**21,565,753**	**21,575,639**	-	**21,565,753**
					Total		**288,649,307**	**289,680,689**	-	**288,649,307**

Interest during 2020-21										
Particulars	**Due date**	**Loan outstanding**	**Interest Rate (%)**	**From**	**To**	**No.of days**	**Amount**	**Interest recovered by Bank**	**Revenue**	**IDC**
2nd Tranche of STL drawn on 30.4.19		1000000000								
Interest paid on 31.05.2020	4/30/2020	1000000000	8.65%	31-Mar-2020	29-Apr-2020	30	7,109,589	6,714,031	7,109,589	
Interest paid on 30.06.2020	5/30/2020	1000000000	8.20%	30-Apr-2020	30-May-2020	31	6,964,384	6,700,236	6,964,384	
Interest paid on 16.11.2021		1000000000	8.20%	31-May-2020	16-Nov-2020	170	38,191,781		18,658,904	19,532,877
						Sub Total	**52,265,754**	**13,414,267**	**32,732,877**	**19,532,877**
3rd Tranche of STL drawn on 9.07.19		1000000000								
Interest paid on 10.04.2020	8/9/2019	1000000000	8.65%	9-Mar-2020	8-Apr-2020	31	7,346,575	7,346,575	7,346,575	
Interest paid on 09.05.2020	9/9/2019	1000000000	8.65%	9-Apr-2020	8-May-2020	30	7,109,589	6,925,394	7,109,589	
Interest paid on 10.06.2020	10/9/2019	1000000000	8.20%	9-May-2020	8-Jun-2020	31	6,964,384	6,868,672	6,964,384	
Interest paid on 09.11.2020		1000000000	8.20%	9-Jun-2020	9-Nov-2020	154	34,597,260		17,581,507	17,015,753
						Sub Total	**56,017,808**	**21,340,951**	**39,002,055**	**17,015,753**
4th Tranche of STL drawn on 30.9.19		1000000000								
Interest paid on 30.04.2020	4/30/2020	1000000000	8.65%	31-Mar-2020	29-Apr-2020	30	7,109,589	7,035,616	7,109,589	
Interest paid on 31.05.2020	5/30/2020	1000000000	8.20%	30-Apr-2020	30-May-2020	31	6,964,384	6,965,789	6,964,384	
Interest paid on 30.06.2020	6/30/2020	1000000000	8.20%	31-May-2020	30-Jun-2020	31	6,964,384	6,745,487	1,426,713	5,537,671
Interest paid on 31.08.2021		1000000000	8.20%	1-Jul-2020	31-Aug-2020	62	13,928,767		7,686,301	6,242,466
						Sub Total	**34,967,124**	**28,746,892**	**23,186,987**	**11,780,137**
5th Tranche of STL drawn on 23.12.19		1000000000								
Interest paid on 24.04.2020	4/23/2020	1000000000	8.65%	23-Mar-2020	22-Apr-2020	31	7,346,575	7,346,891	7,346,575	
Interest paid on 22.05.2020	5/23/2020	1000000000	8.65%	23-Apr-2020	22-May-2020	30	7,109,589	6,754,777	7,109,589	
Interest paid on 23.06.2019	6/23/2020	1000000000	8.20%	23-May-2020	22-Jun-2020	31	6,964,384	6,967,897	1,023,975	5,940,411
Interest paid on 16.11.2021		1000000000	8.20%	23-Jun-2020	16-Nov-2020	147	33,024,658		17,821,233	15,203,425
						Sub Total	**54,445,206**	**21,069,065**	**33,301,370**	**21,143,836**
					Total		**197,695,892**	**76,571,175**	**128,223,289**	**69,472,603**
						Grand Total	**486,345,199**	**365,151,864**	**128,223,289**	**368,121,910**





1. Short Term Loan of Rs.500 crore from State Bank of India

Drawal of loan:			Share of KaHEP	Interest rate	Repayment Schedule			Actual repayment date
Installment	Date of drawal	Amount drawn			Installment	Date	Amount	
1st	11-Nov-13	350000000	225000000	10.25%	1st	10-Feb-14	250000000	6-Mar-14
2nd	18-Nov-13	250000000			2nd	10-May-14	250000000	Rs.18.75 on 23-Apr-14 & Rs.6.25 on 11-May-14
3rd	25-Nov-13	150000000			3rd	10-Aug-14	250000000	1-Aug-14
4th	7-Jan-14	250000000			4th	10-Nov-14	250000000	10-Nov-14
Total		1000000000					1000000000	

2. Short Term Loan of Rs.200 crore from State Bank of India

Drawal of loan:			Share of KaHEP	Interest rate	Repayment Schedule			Actual repayment date
Installment	Date of drawal	Amount drawn			Installment	Date	Amount	
1st	25-Jul-14	300000000	1200000000	10.20%	1st	24-Oct-14	500000000	24-Oct-14
2nd	25-Jul-14	150000000			2nd	24-Jan-15	500000000	2-Feb-15
3rd	1-Aug-14	650000000			3rd	24-Apr-15	500000000	24-Apr-15
4th	7-Aug-14	250000000			4th	24-Jul-15	500000000	1-Aug-15
5th	28-Aug-14	250000000						
6th	18-Sep-14	200000000						
7th	24-Sep-14	200000000						
Total		2000000000	1200000000				2000000000	

3. Short Term Loan of Rs. 50 crore from State Bank of India

Drawal of loan:			Share of KaHEP	Interest rate	Repayment Schedule			Actual repayment date
Installment	Date of drawal	Amount drawn			Installment	Date	Amount	
1st	24-Sep-14	200000000	300000000	10.20%	1st	23-Dec-14	125000000	23-Dec-14
2nd	26-Sep-14	300000000			2nd	23-Mar-15	125000000	23-Mar-15
					3rd	23-Jun-15	125000000	23-Jun-15
					4th	23-Sep-15	125000000	23-Sep-15
Total		500000000	300000000				250000000	

4. Short Term Loan of Rs. 100 crore from Indian Overseas Bank

Drawal of loan:			Share of KaHEP	Interest rate	Repayment Schedule			Actual repayment date
Installment	Date of drawal	Amount drawn			Installment	Date	Amount	
1st	27-May-14	100000000	600000000	10.25%	1st	31-Aug-14	187500000	2-Aug-14
2nd	30-May-14	200000000			2nd	30-Nov-14	187500000	22-Nov-14
3rd	13-Jun-14	300000000			3rd	28-Feb-15	187500000	
4th	27-Jun-14	150000000			4th	31-May-15	187500000	
Total		750000000		10.25%	1st	31-Oct-14	62500000	31-Oct-14
1st	27-Jun-14	200000000			2nd	31-Jan-15	62500000	22-Nov-14
2nd	9-Jul-14	50000000			3rd	30-Apr-15	62500000	
Total		250000000			4th	31-Jul-15	62500000	
G/Total		1000000000	600000000				1000000000	

5. Short Term Loan of Rs. 75 crore from Punjab National Bank

Drawal of loan:			Share of KaHEP	Interest rate	Repayment Schedule			Actual repayment date
Installment	Date of drawal	Amount drawn			Installment	Date	Amount	
1st	27-May-14	100000000	450000000	10.25%	1st	31-Aug-14	187500000	2-Aug-14
2nd	13-Jun-14	200000000			2nd	30-Nov-14	187500000	22-Nov-14
3rd	18-Jun-14	200000000			3rd	28-Feb-15	187500000	
4th	27-Jun-14	150000000			4th	31-May-15	187500000	
5th	9-Jul-14	100000000						
Total		750000000	450000000				750000000	

6. Short Term Loan of Rs. 150 crore from State Bank of India

Drawal of loan:			Share of KaHEP	Interest rate	Repayment Schedule			Actual repayment date
Installment	Date of drawal	Amount drawn			Installment	Date	Amount	
1st	26-May-15	100000000	1300000000	9.85%	1st	26-Aug-15	375000000	
2nd	13-Jul-15	200000000			2nd	10-May-14	375000000	
3rd	24-Jul-15	600000000			3rd	10-Aug-14	375000000	
4th	29-Jul-15	280000000			4th	10-Nov-14	375000000	
5th	18-Aug-15	200000000						
Total		1300000000	1300000000				1500000000	

State Bank of India

A Drawal of Loan:From SBI (Rs.100 cr)

Instalment	Date of drawal	Amount
1st	15-Nov-13	350000000
2nd	18-Nov-13	250000000
3rd	25-Nov-13	150000000
4th	7-Jan-14	250000000
Total		1000000000

Repayment Schedule:

1st	10-Feb-14	250000000
2nd	10-May-14	250000000
3rd	10-Aug-14	250000000
4th	10-Nov-14	250000000
Total		1000000000

B Drawal of Loan:From SBI (Rs. 200 cr)

Instalment	Date of drawal	Amount
1st	25-Jul-14	300000000
2nd	25-Jul-14	150000000
3rd	1-Aug-14	650000000
4th	7-Aug-14	250000000
5th	28-Aug-14	250000000
6th	18-Sep-14	200000000
7th	24-Sep-14	200000000
Total		2000000000

Repayment Schedule:

1st	24-Oct-14	500000000
2nd	24-Jan-15	500000000
3rd	24-Apr-15	500000000
4th	24-Jul-15	500000000
Total		2000000000

C Drawal of Loan:From SBI (Rs.50 cr)

Instalment	Date of drawal	Amount
1st	24-Sep-14	200000000
2nd	26-Sep-14	300000000
Total		500000000

Repayment Schedule:

1st	23-Dec-14	125000000
2nd	23-Mar-15	125000000
3rd	23-Jun-15	125000000
4th	23-Sep-15	125000000
Total		500000000

D Drawal of Loan:From SBI (Rs 150 cr)

Instalment	Date of drawal	Amount	Repayment Schedule:		
1st drawal	26-May-15	30000000	1st	26-Aug-15	375000000
2nd drawal	13-Jul-15	20000000	2nd	10-May-14	375000000
3rd drawal	24-Jul-15	60000000	3rd	10-Aug-14	375000000
4th drawal	29-Jul-15	290000000	4th	10-Nov-14	375000000
5th drawal	18-Aug-15	200000000			
Total		1300000000	Total		1500000000

E Drawal of Loan:From SBI (Rs. 900 cr)-2016-17

Instalment	Date of drawal	Amount	Repayment Schedule:		
1st	27-Jul-16	30000000	1st	27-Oct-16	2500000
2nd	15-Sep-16	600000000	2nd	26-Jan-17	1000000000
3rd	20-Sep-16	350000000	3rd	26-Apr-17	1000000000
4th	26-Sep-16	280000000	4th	26-Jul-17	997500000
5th	29-Sep-16	890000000			
6th	7-Oct-16	100000000			
7th	28-Oct-16	170000000			
8th	14-Dec-16	600000000			
Total		3000000000			3000000000

F Drawal of Loan:From SBI (Rs.200 cr) -2016-17

Instalment	Date of drawal	Amount	Repayment Schedule:		
1st	14-Dec-16	150000000	bullet	14-Jun-17	2000000000
2nd	23-Dec-16	150000000			
3rd	23-Feb-17	100000000			
4th	1-Mar-17	100000000			
5th	2-Mar-17	100000000			
6th	6-Mar-17	160000000			
7th	15-Mar-17	230000000			
8th	17-Mar-17	70000000			
9th	21-Mar-17	90000000			
10th	22-Mar-17	180000000			
Total		1330000000			2000000000

G Drawal of Loan:From SBI (Rs.200 cr) -2017-18

Instalment	Date of drawal	Amount	Repayment Schedule:		
1st	13-Jun-17	30000000	Paid	3-Apr-18	1000000000
2nd	14-Jun-17	1700000000	Paid	12-Jun-18	1000000000
Total		2000000000			2000000000

H Canara bank Rs.500 cr

Instalment	Date of drawal	Amount	Repayment Schedule:		
1st	18-Mar-19	1000000000	Paid on	16-Mar-20	1000000000
2nd	30-Apr-19	1000000000	Paid on	16-Nov-20	1000000000
3rd	9-Jul-19	1000000000	Paid on	9-Nov-20	1000000000
4th	30-Sep-19	1000000000	Paid on	31-Aug-20	1000000000
5th	23-Dec-19	1000000000	Paid on	16-Nov-20	1000000000
Total		5000000000			5000000000

Canara Bank-MTCL (Rs.500 cr

Instalment	Date of drawal	Rs.	Repayment Schedule:
1st	3-Feb-20	1,000,000,000	16 structured quarterly instalments commencing after initial moratorium of 12 months from the date of first disbursement of the loan
2nd	16-Mar-20	1,000,000,000	
3rd	23-Mar-20	1,000,000,000	
4th	27-Mar-20	1,000,000,000	
5th	20-May-20	1,000,000,000	
Total		5,000,000,000	

2019-20:

Instalment	Outstanding	Int rate	From	To	No.of days	Amount	KalHEP-IDC
1st	1,000,000,000	8.45%	3-Feb-20	31-Mar-20	58	13,427,397	13,427,397
	6,713,699	7.00%	31-Mar-20	31-Mar-20	1	368	368
2nd	1,000,000,000	8.45%	16-Mar-20	31-Mar-20	16	3,704,110	3,704,110
3rd	1,000,000,000	8.45%	23-Mar-20	31-Mar-20	9	2,083,562	2,083,562
4th	1,000,000,000	8.45%	27-Mar-20	31-Mar-20	5	1,157,534	1,157,534
					Total	20,372,971	20,372,971

2020-21

Instalment	Outstanding	Int.rate	From	To	No.of days	Amount	KalHEP
1st	1,000,000,000	8.45%	1-Apr-20	15-Jun-20	77	17,826,027	17,826,027
	1,000,000,000	8.45%	17-Jun-20	30-Jun-20	14	3,241,096	3,430,822
2nd	1,000,000,000	8.45%	1-Apr-20	15-Jun-20	77	17,826,027	17,826,027
	1,000,000,000	8.45%	17-Jun-20	30-Jun-20	14	3,241,096	3,430,822
3rd	1,000,000,000	8.45%	1-Apr-20	15-Jun-20	77	17,826,027	17,826,027
	1,000,000,000	8.45%	17-Jun-20	30-Jun-20	14	3,241,096	3,430,822
4th	1,000,000,000	8.45%	1-Apr-20	15-Jun-20	77	17,826,027	17,826,027
	1,000,000,000	8.45%	17-Jun-20	30-Jun-20	14	3,241,096	3,430,822
5th	1,000,000,000	8.45%	1-Apr-20	15-Jun-20	77	17,826,027	17,826,027
	1,000,000,000	8.45%	17-Jun-20	30-Jun-20	14	3,241,096	3,430,822
					Sub total	166,335,616	191,284,345
					92	106,693,151	93,346,576
	6,000,000,000	8.45%	1-Jul-20	30-Sep-20	61	70,609,589	35,304,795
	5,000,000,000	8.45%	1-Oct-20	30-Nov-20	Total		189,835,615

1216.57

2019-20	20372972
2020-21	189,835,615

Canara MTCL

Rs. In lakhs

lender	Outstanding	Date of drawal	Repayment profile
Canara Bank	10,000.00	3/Feb/2020	Monthly interest payable. Rs.500 cr loan in 16 equal quarterly installments of each tranche after 1 year from first drawal
	10,000.00	16/Mar/2020	
	10,000.00	23/Mar/2020	
	10,000.00	27/Mar/2020	
	10,000.00	20/May/2020	
Total	50,000.00		

Date	Instalment No.	Principal 1st tranche	Date	Principal 2nd tranche	Date	Principal 3rd tranche	Date	Principal 4th tranche	Date	Principal 5th tranche	Total Principal	Year
5/15/2021	1	625.00	5/16/2021	625.00	5/15/2021	625.00	5/15/2021	625.00	5/16/2021	625.00	12500.00	2021-22
8/15/2021	2	625.00	8/16/2021	625.00	8/15/2021	625.00	8/15/2021	625.00	11/26/2021	625.00		
11/15/2021	3	625.00	11/16/2021	625.00	11/15/2021	625.00	11/15/2021	625.00	2/26/2022	625.00		
2/15/2022	4	625.00	2/26/2022	625.00	2/15/2022	625.00	2/15/2022	625.00	5/26/2022	625.00	12500.00	2022-23
5/15/2022	5	625.00	5/16/2022	625.00	5/15/2022	625.00	5/15/2022	625.00	8/26/2022	625.00		
8/15/2022	6	625.00	8/16/2022	625.00	8/15/2022	625.00	8/15/2022	625.00	11/26/2022	625.00		
11/15/2022	7	625.00	11/16/2022	625.00	11/15/2022	625.00	11/15/2022	625.00	2/26/2023	625.00		
2/15/2023	8	625.00	2/16/2023	625.00	2/15/2023	625.00	2/15/2023	625.00	5/26/2023	625.00	12500.00	2023-24
5/15/2023	9	625.00	5/16/2023	625.00	5/15/2023	625.00	5/15/2023	625.00	8/26/2023	625.00		
8/15/2023	10	625.00	8/16/2023	625.00	8/15/2023	625.00	8/15/2023	625.00	11/26/2023	625.00		
11/15/2023	11	625.00	11/16/2023	625.00	11/15/2023	625.00	11/15/2023	625.00	2/26/2024	625.00		
2/15/2024	12	625.00	2/16/2024	625.00	2/15/2024	625.00	2/15/2024	625.00	5/26/2024	625.00	12500.00	2024-25
5/15/2024	13	625.00	5/16/2024	625.00	5/15/2024	625.00	5/15/2024	625.00	8/26/2024	625.00		
8/15/2024	14	625.00	8/16/2024	625.00	8/15/2024	625.00	8/15/2024	625.00	11/26/2024	625.00		
11/15/2024	15	625.00	11/16/2024	625.00	11/15/2024	625.00	11/15/2024	625.00	2/26/2025	625.00		
2/15/2025	16	625.00	2/16/2025	625.00	2/15/2025	625.00	2/15/2025	625.00				
		10000.00		10000.00		10000.00		10000.00		10000.00	50000.00	

Kameng HEP

Sl. No.	Sanctioned letter No. and Date	Amount in lakhs
1	7/22/99-HYDEL -II(ii) Dt. 01.02.2000	1500.00
2	3/09/2001-HYDEL -II Dt. 14.02.02	3228.00
3	3/09/2001-HYDEL -II Dt. 28.03.02	900.00
4	3/13/2002-HYDEL -II Dt.31.03.03	1700.00
5	7/37/2003-H -I Dt.18.12.03	500.00
6	7/37/2003-H -I Dt.25.03.04	1626.00
7	7/12/2004-H -I Dt.22.12.04	7000.00
8	7/12/2004-H -I Dt.11.02.05	7100.00
9	3/2/2005-H -I Dt.11.05.05	10000.00
10	3/2/2005-H -I Dt.02.03.06	5000.00
11	3/2/2005-H -I Dt.21.04.06	5000.00
12	3/2/2005-H -I Dt. 16.11.06	5000.00
13	3/2/2005-H -I Dt. 27.12.06	10000.00
14	3/2/2005-H -I Dt. 05.09.2007	8000.00
15	3/2/2005-H -I Dt. 31.12.2007	8353.00
	TOTAL	**74907.00**

2015-16:

1	3/7/2015-H -I Dtd. 24.11.2015	2663.00
	TOTAL DURING 2015-16	**2663.00**

	GRAND TOTAL	**77570.00**

PART-II
FORM-10

Financing of Additional Capitalisation

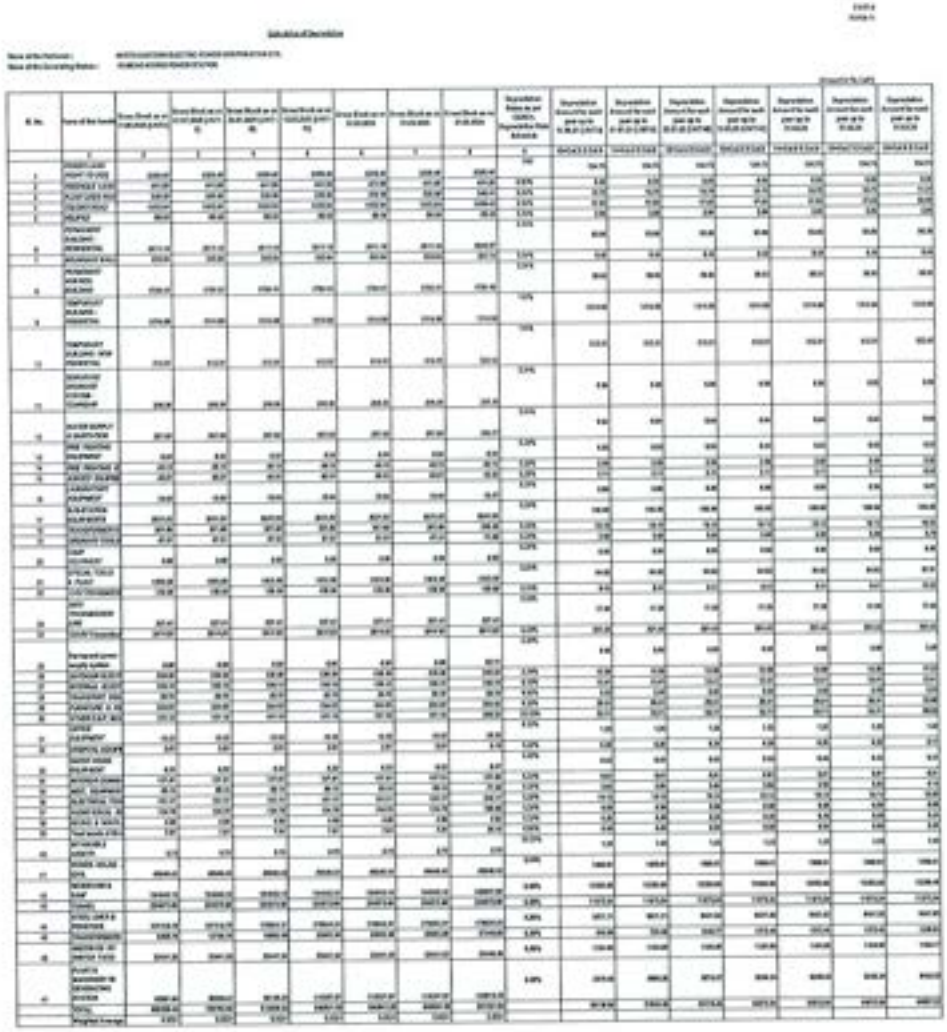
Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION
Date of Commercial Operation : 12.02.2021

(Amount in lacs)

Financial Year (Starting from COD)[1]	Actual					Admitted				
	Year 1	Year 2	Year 3	Year 4	Year 5 & so on	Year 1	Year 2	Year 3	Year 4	Year 5 & so on
1	2	3	4	5	6	7	8	9	10	11
Amount capitalised in Work/Equipment	0.00	0.00	0.00	0.00	1669.85					
Financing Details										
1. PSU Bonds:										
XIVth series										
XVth series										
XVIth series										
XVIIIth series										
XIXth series										
XXth series										
XXIth series										
XXIIth series										
Canara Bank - Medium Term Loan										
PNB - Corporate Term Loan										
Total Loan [2]										
Equity										
Internal Resources					1669.85					
Others (Domestic)										
Total		0.00	0.00	0.00	1669.85					

Note :
1. Year 1 refers to Financial Year of COD and Year 2, Year 3 etc. are the subsequent financial years respectively.
2. Loan details for meeting the additional capitalisation requirement should be given as per FORM- 7 or 8 whichever is relevant.

(Petitioner)









PART-II
FORM-12

Statement of Depreciation

Name of the Company : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Power Station : KAMENG HYDRO POWER STATION

Calculation of Depreciation

(Amount in lacs)

Particulars	17.06.20 to 30.6.20	01.07.20 to 21.01.21	22.01.21- 11.02.21	12.02.21 - 31.3.21	2021-22	2022-23	2023-24
Capital Cost Opening	680296.43	708793.00	812500.65	840841.59	840841.59	840841.59	840841.59
Capital Cost Closing	680296.43	708793.00	812500.65	840841.59	840841.59	840841.59	846529.19
Average Capital Cost	680296.43	708793.00	812500.65	840841.59	840841.59	840841.59	843685.39
Land Value	441.06	441.06	441.06	441.06	441.06	441.06	421.50
Rate of depreciation %	0.053	0.053	0.053	0.053	0.053	0.053	0.053
Depreciable Value	611869.84	637516.75	730853.63	756360.48	756360.48	756360.48	758937.50
Balance useful life							
Cumulative Depreciation upto previous year	0.00	1386.15	22528.38	25009.21	30676.47	75492.11	120107.76
Remaining Depreciable Value	611869.84	636130.60	708325.26	731351.27	725484.00	680868.36	638829.74
Depreciation (for the period)	1386.15	21142.23	2480.83	5867.26	44615.64	44615.64	44783.89
Depreciation (Annualized)							
Cumulative Depreciation at the end of the period	1386.15	22528.38	25009.21	30676.47	75492.11	120107.76	164891.65
Less: Cumulative depreciation adjustment on account of undischarged liabilities deduced as on 01.04.2009/COD	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Less: Cumulative depreciation adjustment on account of decapitalization (Refer: Form 9B(i)	0.00	0.00	0.00	0.00	0.00	0.00	40.76
Net Cumulative Depreciation at the end of the period	1386.15	22528.38	25009.21	30676.47	75492.11	120107.76	164850.89

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FORM- 13D

Calculation of Weighted Average Rate of Interest on Actual Loans
Name of the Company : North Eastern Electric Power Corporation Ltd.
Name of the Generating Station : KAMENG HYDRO ELECTRIC PROJECT

(Amount in lacs)

Sl-No-	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
1	2	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	**PFC Term loan Loan (Rs.in lacs)**														
	Gross loan - Opening	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25
	Cumulative repayments of Loans upto previous year	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	12.07%	12.07%	12.07%	12.07%	12.07%	12.07%	12.07%	12.07%	12.07%	12.07%	12.07%	12.07%	12.07%	12.07%
	Interest on loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	**PSU Bonds-VIIIth Series (2nd tranche)**														
	Gross loan - Opening	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00
	Cumulative repayments of Loans upto previous year	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%
	Interest on loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	**PSU Bonds-XVth Series**														
	Gross loan - Opening	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	45747.48	91494.96	137242.44	182989.92	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40
	Net loan - Opening	228737.40	228737.40	228737.40	182989.92	137242.44	91494.96	45747.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	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	45747.48	45747.48	45747.48	45747.48	45747.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	228737.40	228737.40	182989.92	137242.44	91494.96	45747.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	228737.40	228737.40	205863.66	160116.18	114368.70	68621.22	22873.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	9.6000%	9.6000%	9.6000%	9.6000%	9.6000%	9.6000%	9.6000%	9.6000%	9.6000%	9.6000%	9.6000%	9.6000%	9.6000%	9.6000%
	Interest on loan	21958.79	21958.79	19763.91	15371.15	10978.40	6587.64	2195.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	**PSU Bonds-XVth Series**														
	Gross loan - Opening	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	10805.17	21610.33	32415.50	43220.66	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83
	Net loan - Opening	54025.83	54025.83	54025.83	43220.66	32415.50	21610.33	10805.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	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	10805.17	10805.17	10805.17	10805.17	10805.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	54025.83	54025.83	43220.66	32415.50	21610.33	10805.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	54025.83	54025.83	48623.25	37818.08	27012.92	16207.75	5402.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	9.15%	9.15%	9.15%	9.15%	9.15%	9.15%	9.15%	9.15%	9.15%	9.15%	9.15%	9.15%	9.15%	9.15%
	Interest on loan	4943.36	4943.36	4449.03	3460.35	2471.68	1483.01	494.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	**PSU Bonds-XVIth Series**														
	Gross loan - Opening	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12000.00	24000.00	36000.00	48000.00	60000.00
	Net loan - Opening	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	48000.00	36000.00	24000.00	12000.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	12000.00	12000.00	12000.00	12000.00	12000.00	0.00
	Net loan - Closing	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	48000.00	36000.00	24000.00	12000.00	0.00	0.00
	Average Net Loan	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	54000.00	42000.00	30000.00	18000.00	6000.00	0.00
	Rate of Interest on Loan on annual ba	8.68%	8.68%	8.68%	8.68%	8.68%	8.68%	8.68%	8.68%	8.68%	8.68%	8.68%	8.68%	8.68%	8.68%
	Interest on loan	5208.00	5208.00	5208.00	5208.00	5208.00	5208.00	5208.00	5208.00	4687.20	3645.60	2604.00	1562.40	520.80	0.00
6	**PSU Bonds-XVIIth Series**														
	Gross loan - Opening	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	30000.00	30000.00	30000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	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	30000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	30000.00	30000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	30000.00	30000.00	15000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%
	Interest on loan	2340.00	2340.00	1170.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	**PSU Bonds-XVIIIth Series**														
	Gross loan - Opening	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02
	Net loan - Opening	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	16955.02	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	8477.51	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%
	Interest on loan	1302.15	1302.15	1302.15	1302.15	1302.15	1302.15	1302.15	651.07	0.00	0.00	0.00	0.00	0.00	0.00

8	PSU Bonds-XIIIth Series														
	Gross loan - Opening	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15000.00	30000.00	30000.00	30000.00	30000.00
	Net loan - Opening	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	15000.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	15000.00	15000.00	0.00	0.00	0.00	0.00
	Net loan - Closing	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	15000.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	22500.00	7500.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%
	Interest on loan	2625.00	2625.00	2625.00	2625.00	2625.00	2625.00	2625.00	2625.00	1968.75	656.25	0.00	0.00	0.00	0.00
9	PSU Bonds-XIVth Series														
	Gross loan - Opening	0.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00
	Net loan - Opening	0.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	15000.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	30000.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	15000.00	15000.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	15000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	15000.00	30000.00	30000.00	30000.00	30000.00	30000.00	22500.00	7500.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%
	Interest on loan	1425.00	2850.00	2850.00	2850.00	2850.00	2850.00	2137.50	712.50	0.00	0.00	0.00	0.00	0.00	0.00
#	PSU Bonds-XXIst Series														
	Gross loan - Opening	0.00	0.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7500.00	15000.00	15000.00	15000.00	15000.00
	Net loan - Opening	0.00	0.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	7500.00	0.00	0.00	0.00	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	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7500.00	7500.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	7500.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	7500.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	11250.00	3750.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	8.69%	8.69%	8.69%	8.69%	8.69%	8.69%	8.69%	8.69%	8.69%	8.69%	8.69%	8.69%	8.69%	8.69%
	Interest on loan	0.00	651.75	1303.50	1303.50	1303.50	1303.50	1303.50	1303.50	977.63	325.88	0.00	0.00	0.00	0.00
#	PSU Bonds-XXIInd Series														
	Gross loan - Opening	0.00	0.00	0.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17500.00	37500.00	37500.00	50000.00	50000.00
	Net loan - Opening	0.00	0.00	0.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	37500.00	12500.00	12500.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	50000.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	12500.00	25000.00	12500.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	37500.00	12500.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	25000.00	50000.00	50000.00	50000.00	50000.00	50000.00	43750.00	25000.00	6250.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	0.00%	0.00%	7.55%	7.55%	7.55%	7.55%	7.55%	7.55%	7.55%	7.55%	7.55%	7.55%	7.55%	7.55%
	Interest on loan	0.00	0.00	1887.50	3775.00	3775.00	3775.00	3775.00	3775.00	3303.13	1887.50	471.88	0.00	0.00	0.00
#	SBI Short Term Loan														
	Gross loan - Opening	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00
	Cumulative repayments of Loans upto previous year	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%
	Interest on loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#	SBI Short Term Loan														
	Gross loan - Opening	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00
	Cumulative repayments of Loans upto previous year	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%
	Interest on loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#	SBI Short Term Loan														
	Gross loan - Opening	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Cumulative repayments of Loans upto previous year	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%
	Interest on loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#	SBI Short Term Loan														
	Gross loan - Opening	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Cumulative repayments of Loans upto previous year	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%
	Interest on loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#	SBI Short Term Loan														
	Gross loan - Opening	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00
	Cumulative repayments of Loans upto previous year	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%
	Interest on loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

#	SBI Short Term Loan															
	Gross loan - Opening	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00
	Cumulative repayments of Loans upto previous year	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual b	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%
	Interest on loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#	SBI Short Term Loan															
	Gross loan - Opening	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00
	Cumulative repayments of Loans upto previous year	0.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00
	Net loan - Opening	12000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	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	12000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	6000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual b	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
	Interest on loan	480.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#	IDB Short Term Loan															
	Gross loan - Opening	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
	Cumulative repayments of Loans upto previous year	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual b	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%
	Interest on loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#	PNB Short Term Loan															
	Gross loan - Opening	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	Cumulative repayments of Loans upto previous year	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual b	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%
	Interest on loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#	Canara Short Term Loan															
	Gross loan - Opening	0.00	10000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	10000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00
	Net loan - Opening	0.00	10000.00	40000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	10000.00	40000.00	0.00	0.00	0.00	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	10000.00	40000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	10000.00	40000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	5000.00	25000.00	20000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual b	8.65%	8.65%	8.20%	8.20%	8.20%	8.20%	8.20%	8.20%	8.20%	8.20%	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on loan	432.50	2162.50	1640.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#	Canara Hadjuri Term Loan															
	Gross loan - Opening	0.00	0.00	40000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	12500.00	25000.00	37500.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00
	Net loan - Opening	0.00	0.00	40000.00	50000.00	37500.00	25000.00	12500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	40000.00	10000.00	0.00	0.00	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	0.00	12500.00	12500.00	12500.00	12500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	40000.00	50000.00	37500.00	25000.00	12500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	20000.00	45000.00	43750.00	31250.00	18750.00	6250.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual b	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%
	Interest on loan	0.00	1690.00	3802.50	3696.88	2640.63	1584.38	528.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#	PNB Term Loan															
	Gross loan - Opening	0.00	0.00	0.00	125000.00	125000.00	125000.00	125000.00	125000.00	125000.00	125000.00	125000.00	125000.00	125000.00	125000.00	125000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	5000.00	15000.00	25000.00	40000.00	60000.00	85000.00	97500.00	125000.00	125000.00	125000.00
	Net loan - Opening	0.00	0.00	0.00	125000.00	125000.00	120000.00	110000.00	100000.00	85000.00	65000.00	40000.00	27500.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	125000.00	0.00	0.00	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	0.00	0.00	5000.00	10000.00	10000.00	15000.00	20000.00	37500.00	27500.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	125000.00	125000.00	120000.00	110000.00	100000.00	85000.00	65000.00	27500.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	62500.00	125000.00	122500.00	115000.00	105000.00	92500.00	75000.00	46250.00	13750.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual b	0.00%	0.00%	7.35%	7.35%	7.35%	7.35%	7.35%	7.35%	7.35%	7.35%	7.35%	7.35%	7.35%	7.35%	7.35%
	Interest on loan	0.00	0.00	4593.75	9187.50	9003.75	8452.50	7717.50	6798.75	5512.50	3399.38	1010.63	0.00	0.00	0.00	0.00
	Total Loan															
	Gross loan - Opening	679827.50	719827.50	819827.50	999827.50	999827.50	999827.50	999827.50	999827.50	999827.50	999827.50	999827.50	999827.50	999827.50	999827.50	999827.50
	Cumulative repayments of Loans upto previous year	248109.25	260109.25	272109.25	396661.89	465714.54	539767.18	618819.83	712872.48	759827.50	828827.50	923827.50	959827.50	987827.50	999827.50	999827.50
	Net loan - Opening	431718.25	459718.25	547718.25	603165.61	534112.96	460060.31	381007.67	286955.02	240000.00	171000.00	76000.00	24000.00	12000.00	0.00	0.00
	Add: Drawal(s) during the Year	40000.00	40000.00	0.00	0.00	0.00	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	12000.00	12000.00	126552.65	69052.65	74052.65	79052.65	94052.65	46955.02	67000.00	95000.00	52000.00	12000.00	12000.00	0.00	0.00
	Net loan - Closing	459718.25	487718.25	421165.60	534112.96	460060.31	381007.67	286955.02	240000.00	173000.00	76000.00	24000.00	12000.00	0.00	0.00	0.00
	Average Net Loan	445718.25	473718.25	484441.63	568639.28	497086.64	420533.99	333981.34	263477.51	206500.00	124500.00	50000.00	18000.00	6000.00	0.00	0.00
	Interest on loan	40714.80	45731.55	50594.34	48729.53	42159.51	35171.18	27287.80	21373.82	16449.35	9914.63	4066.50	1562.40	520.80	0.00	0.00
	Weighted average Rate of Interest	9.13%	9.63%	10.51%	8.58%	8.48%	8.36%	8.17%	8.00%	7.97%	7.96%	8.17%	8.68%	8.68%	0.00%	

PART-II
FORM-13A

Calculation of Interest on Normative Loan

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

(Amount in lacs)

Particulars	17.06.20 to 30.6.20	01.07.20 to 21.01.21	22.01.21-11.02.21	12.02.21 - 31.3.21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Gross Normative loan - Opening	476207.50	496155.10	568750.46	588589.11	588589.11	588589.11	588589.11
Cumulative repayments of Normative loan upto previous year	0.00	1386.15	22528.38	29009.21	30876.47	75492.11	120107.76
Net Normative loan - Opening	476207.50	494768.95	546222.08	563579.90	557712.64	513097.00	468481.35
Add: Increase due to addition during the year /period	0.00	0.00	0.00	0.00	0.00	0.00	1168.89
Less: Decrease due to decapitalisation during the year/period	0.00	0.00	0.00	0.00	0.00	0.00	47.56
Less: Decrease due to reversal during the year/period	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Add: Increase due to discharges during the year/period	0.00	0.00	0.00	0.00	0.00	0.00	2859.96
Net addition during the year	0.00	0.00	0.00	0.00	0.00	0.00	3981.32
Repayment (s) of Normative Loan during the year	1386.15	21142.23	2480.83	5867.26	44615.64	44615.64	44783.89
Net Normative loan - Closing	474821.36	473626.73	543741.25	557712.64	513097.00	468481.35	427678.78
Average Normative loan	475514.43	484197.84	544981.66	560646.27	535404.82	490789.18	448080.07
Weighted average rate of interest	0.1051	0.1051	0.1051	0.1051	0.0858	0.0848	0.0836
Interest on Loan	**1916.71**	**28578.66**	**3295.98**	**7748.10**	**45928.58**	**41625.01**	**37474.98**

PART-II
FORM-13B

Calculation of Interest on Working Capital

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

(Amount in lacs)

Sl. No.	Particulars	17.06.20 to 30.6.20	01.07.20 to 21.01.21	22.01.21- 11.02.21	12.02.21 - 31.3.21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Maintenance Spares	69.61	1068.01	138.22	305.78	2272.71	2284.69	2308.93
2	Receivables	677.55	10257.35	1205.92	2832.29	19822.63	19287.90	18826.13
3	O & M Expenses	38.67	593.34	75.68	169.88	1262.62	1269.27	1282.74
4	**Total Working Capital**	**785.82**	**11918.69**	**1417.81**	**3307.95**	**23357.96**	**22841.86**	**22417.79**
5	Rate of Interest	11.25%	11.25%	11.25%	11.25%	10.50%	10.50%	10.50%
6	**Interest on Working Capital**	**88.40**	**1340.85**	**159.50**	**372.14**	**2452.59**	**2398.40**	**2353.87**

Security Expenses during 2019-24 KaHPS

Sl. No.	YEAR		17.06.20 to 30.6.20	01.07.20 to 21.01.21	22.01.21- 11.02.21	12.02.21 - 31.3.21	2021-22	2022-23	2023-24
1	Security Expenses KaHPS		3.71	95.12	86.21	93.76	362.90	442.78	405.29

PETITIONER

PART-II
FORM-13C

Non-Tariff Income

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Hydro Asset: KAMENG HYDRO POWER STATION

(Amount in Rs. Lakh)

S.No.	Parameters	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Income from rent of land or buildings	0.00	0.00	0.00	0.00	0.00	0
2.	Lease Rent- Operating Lease Vehicles	0.00	0.00	0.00	149.95	180.03	185.36
3.	Hire Charge-Const/other eqipment	0.00	0.00	0.00	0.85	0.63	0.03
4.	Recovery of Rent-Employees Res Bldgs	0.00	0.00	0.00	0.00	0.00	1.25
5.	Rent recovery from others- Residential	0.00	0.00	1.38	1.73	5.33	10.95
6.	Sale of Tender Forms	0.00	0.00	0.00	0.60	0.25	0.05
7.	Elect Charges recov-others- Non Resident	0.00	0.00	0.76	0.00	0.00	95.84
8.	Liquidated Damages Recovered	0.00	0.00	0.00	13.65	0.00	92.90
9.	Income from Sale of Scrap	0.00	0.00	4.69	0.00	22.24	0.00
10.	Transit Hostel Recoveries	0.00	0.00	203.61	0.45	0.63	0.84
11.	Income recovered from Contractors	0.00	0.00	0.00	0.00	0.00	0.00
12.	Other Miscellaneous Receipts	0.00	0.00	0.21	0.00	0.72	0.06
13.	Gain on Asset Sale	0.00	0.00	7.79	0.00	1.02	43.24
14.	Interest from Loan to Employees	0.00	0.00	450.95	2.40	3.10	0.91
15.	Sale of Inventories to Vendors	0.00	0.00	0.00	0.00	3.25	0.00
16.	Excess Provision Written Back.	0.00	0.00	0.00	0.00	1.20	145.52
17.	Infirm Power	0.00	0.00	1635.61	0.00	0.00	0.00
18.	Corporate Share-Other Income	0.00	0.00	0.00	0.00	0.00	1.63
	TOTAL	**0.00**	**0.00**	**2305.00**	**169.64**	**218.42**	**578.39**

Note: To be submitted at the time of truing up

(Petitioner)

PART-II
FORM-13D

Incidental Expenditure during Construction

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO ELECTRIC PLANT

(Amount in Rs. Lakh)

Sl. No.	Parameters	Upto Scheduled COD	Actual as on 17.06.20 (UNIT-I)	Actual as on 01.07.20 (UNIT-II)	Actual as on 22.01.21 (UNIT-III)	Actual as on 12.02.2021 (UNIT-IV)
A	Expenses:					
1	Employees' Benefits Expenses	9669.49	53752.92	56191.86	64910.03	67260.93
2	Finance Costs	0.00	221107.17	230404.06	265160.64	274744.26
3	Water Charges					
4	Communication Expenses	3.98	248.93	260.04	297.21	307.91
5	Power Charges	236.93	7210.32	7532.03	8608.60	8918.65
6	Other Office and Administrative Expenses	1817.92	7432.21	7765.09	8901.31	9221.90
7	Others (Please Specify Details)	5918.53	45509.48	47540.00	54335.01	56291.94
8	Other Pre-Operating Expenses					
	.....					
	.....					
B	Total Expenses	17646.85	335261.03	349693.07	402212.80	416745.59
	Less: Income from sale of tenders		1.38	1.38	1.38	1.38
	Less: Income from Guest House		4.69	4.69	4.69	4.69
	Less: Income recovered from Contractors		203.61	203.61	203.61	203.61
	Less: Int.Income as per computer		1.34	1.34	1.34	1.34
	Less: Int.Income as per furniture		0.33	0.33	0.33	0.33
	Less:Interest on Loan(Staff)/Others		6.12	6.12	6.12	6.12
	Less:Profit on Sale of FA		0.21	0.21	0.21	0.21
	Less:Liability written off		450.95	450.95	450.95	450.95
	Less:LD RECOV.		0.76	0.76	0.76	0.76
	LESS: Infirm Power		1060.44	1468.49	1559.32	1635.61
	Less: Interest on Deposits		0.00	0.00	0.00	0.00
	Total Expenses	17646.85	333531.21	347555.20	399984.10	414440.60

(Petitioner)

Amount of IDC		221107.17	230404.06	265160.64	274744.26
Amount of IEDC		112424.04	117151.15	134823.47	139696.34
		333531.21	347555.20	399984.10	414440.60

PART-II
FORM-13D

Incidental Expenditure during Construction

Name of the Petitioner: NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
Name of the Generating Station: KAMENG HYDRO ELECTRIC PLANT

Actual expenditure upto 30.06.2009(SCOD)

(Amount in Rs. Lakh)

Sl No.	Parameters	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10(APR TO JUNE)	TOTAL UPTO SCOD(JUNE'2009)
A	**Expenses:**											
1	Employees Benefits Expenses	50.18	60.17	229.27	412.82	973.06	1125.83	1582.90	1416.44	3048.41	791.54	9888.49
2	Finance Costs	0	0	0	0	0	0					0.00
3	Water Charges	0	0	0	0	0	0	0	0	0	0	0
4	Communication Expenses	0	0	0	1.814	0.33	0.12336	1.53594	0	0	0.18	3.98
5	Power Charges	0.05	0.20	0.39	1.97	5.49	14.07	87.86	43.95	83.36	0.00	236.925
6	Other Office and Administrative Expenses	4.96	24.46	43.54	75.86	260.59	237.13	394.32	272.47	491.38	73.11	1817.82
7	Others(Please Specify Details)	0.12	11.55	184.32	140.07	746.68	677.20	978.81	1030.89	1762.83	396.37	5918.83
8	Other Pre-Operating Expenses											
B	**Total Expenses**	55.27	96.37	457.52	632.63	1976.24	2054.16	3015.44	2763.36	5346.87	1261.20	17845.85
	Less: Income from sale of tenders											
	Less: Income from Guest House											
	Less: Income recovered from Contractors											
	Less: Int.Income as per computer											
	Less: Int.Income as per furnitum											
	Less:Interest on Loan/Staff/Others											
	Less:Profit on Sale of FA											
	Less:Liability written off											
	LESS: Inform Power											
	Less:LD RECOV.											
	TOTAL EXPENSES	55.27	96.37	457.52	632.63	1976.24	2054.16	3015.44	2763.36	5346.87	1261.20	17845.85

PART-II
FORM-14

Reconciliation Statement of IDC

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO ELECTRIC PLANT

(Amount in lacs)

Year	IDC-Domestic Loan	IDC-Bonds	IDC-Foreign Loan	Financial charges capitalised	ERV treated as BC	Total	Charges to P&L	IDC taken to CWIP	Capitalised out of CWIP	Cumulative IDC in CWIP
	A	B	C	D	E	F=(A+B+C+D+E)	G	H=F-G	I	J=H-I
2006-07	0	108.20	0.00	0.38	0.00	108.58	0.00	108.58	0.00	108.58
2007-08	0	108.35	0.00	6.52	0.00	114.87	0.00	114.87	0.00	114.87
2008-09	754.14	108.35	0.00	0.39	0.00	862.88	0.00	862.88	0.00	862.88
2009-10	2560.56	108.35	0.00	0.38	0.00	2669.29	0.00	2669.29	0.00	2669.29
2010-11	5421.32	108.35	0.00	0.35	0.00	5530.02	0.00	5530.02	0.00	5530.02
2011-12	8844.02	107.91	0.00	0.43	0.00	8952.36	0.00	8952.36	0.00	8952.36
2012-13	12707.31	0	0.00	0	0.00	12707.31	0.00	12707.31	0.00	12707.31
2013-14	16886.30	0	0.00	0.46	0.00	16886.76	0.00	16886.76	0.00	16886.76
2014-15	16973.33	11175.63	0.00	174.70	0.00	28323.66	0.00	28323.66	0.00	28323.66
2015-16	446.92	29553.29	0.00	51.75	0.00	30051.96	0.00	30051.96	0.00	30051.96
2016-17	741.88	31997.33	0.00	14.42	0.00	32753.63	0.00	32753.63	0.00	32753.63
2017-18	1119.55	35065.22	0.00	22.06	0.00	36206.83	0.00	36206.83	0.00	36206.83
2018-19	130.49	39457.97	0.00	36.02	0.00	39624.48	0.00	39624.48	0.00	39624.48
2019-20	3137.93	41937.16	0.00	45.93	0.00	45121.02	0.00	45121.02	0.00	45121.02
2020-21(01.04.20 to 16.06.20)-UNIT-I	1373.29	8734.52	0.00	27.42	0.00	10135.23	0.00	10135.23	0.00	10135.23
2020-21(17.06.20 to 29.06.20)-UNIT-II	49.82	316.84	0.00	0.99	0.00	367.65	0.00	367.65	0.00	367.65
2020-21(30.06.07.20 to 30.09.20)-UNIT-III&IV	289.94	1713.75	0.00	0.83	0.00	2004.52	0.00	2004.52	0.00	2004.52
2020-21-(01.10.20 TO 31.12.20)-UNIT-III&IV	287.06	1534.44	0.00	1.24	0.00	1822.73	0.00	1822.73	0.00	1822.73
2020-21-(01.01.21 TO 21.01.21)-UNIT-III&IV	70.44	333.75	0.00	0.00	0.00	404.19	0.00	404.19	0.00	404.19
2020-21-(22.01.21 TO 11.02.21)-UNIT-IV	16.78	79.51	0.00	0.00	0.00	96.29	0.00	96.29	0.00	96.29
	71811.07	202548.92	0.00	384.26	0.00	274744.26	0.00	274744.26	0.00	274744.26

(Petitioner)

PART-II
FORM-14A

Actual Cash Expenditure

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION
COD:12.02.2021

(Amount in lacs)

Particulars	2020-21				2021-22	2022-23	2023-24
	As on 17-06-20 (UNIT-I)	As on 01-07-20 (UNIT-II)	As on 22-01-21 (UNIT-III)	As on 12-02-21 (UNIT-IV)			
1	2	3	4	5	6	7	8
Expenditure towards Gross Block	660296.43	708793.00	812080.84	840841.59	840841.59	840841.59	842521.85
Add:expenditure towards CWIP	146220.09	119246.53	26803.70	0.00	0.00	3836.20	2293.12
Add:Capital Advances,if any.	0.00	0.00	0.00	0.00	0.00	313.58	0.00
Less:Undischarged liabilities (included above)	2863.86	3012.58	5160.46	5309.18	5309.18	5309.18	1293.80
Add/Less: Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Payment to contractors / suppliers towards capital assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cummulative payments	823653.66	825026.95	834143.88	835532.41	835532.41	839682.18	843521.16

Note: If there is variation between payment and fund deployment justification need to be furnished

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 : **KAMENG HYDRO ELECTRIC PLANT**

Generating Company ----------

Name of Hydro-electric Generating Station : ----------

Installed Capacity : No of units X MW =

Month		Design Energy * (MUs)	Designed Peaking Capability (MW) *
April	I	64.81	600MW
	II	69.22	
	III	87.715	
May	I	84.44	
	II	100.76	
	III	132.42	
June	I	94.48	
	II	136.80	
	III	136.8	
July	I	136.8	
	II	136.8	
	III	150.48	
August	I	136.8	
	II	136.8	
	III	150.48	
September	I	136.8	
	II	136.8	
	III	136.8	
October	I	136.80	
	II	108.37	
	III	104.99	
November	I	89.22	
	II	75.02	
	III	61.09	
December	I	51.39	
	II	61.99	
	III	51.67	
January	I	47.08	
	II	44.42	
	III	45.10	
February	I	41.76	
	II	41.04	
	III	32.42	
March	I	61.35	
	II	60.98	
	III	72.31	
TOTAL		**3353**	

* As per DPR / TEC of CEA dated ----------

Note :
Specify the number of peaking hours for which station has been designed.

[p9-0

(Petitioner)

PART-II
FORM-15B

Design energy and MW Continuous (month wise) - ROR type stations

Name of the Petitioner :NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION
COD:12.02.2021

Generating Company: NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

Name of Hydro-electric Generating Station : KAMENG HYDRO POWER STATION

Installed Capacity : No of units X MW = 4 X 150

Month		Design Energy * (MUs)	MW Continuous *=168.68 MW
April	I	64.81	
	II	69.22	
	III	87.72	
May	I	84.44	
	II	100.76	
	III	132.42	
June	I	94.48	
	II	136.80	
	III	136.80	
July	I	136.80	
	II	136.80	
	III	150.48	
August	I	136.80	
	II	136.80	
	III	150.48	
September	I	136.80	
	II	136.80	
	III	136.80	
October	I	136.80	
	II	108.37	
	III	104.99	
November	I	89.22	
	II	75.02	
	III	61.09	
December	I	51.39	
	II	61.99	
	III	51.67	
January	I	47.08	
	II	44.42	
	III	45.10	
February	I	41.76	
	II	41.04	
	III	32.42	
March	I	61.35	
	II	60.98	
	III	72.31	
TOTAL		3353.00	

* As per DPR / TEC of CEA dated ----------

(Petitioner)

Statement of Liability Flow

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION
COD:12.02.2021

Party	Asset / Work	Year of actual capitalisation	Original Liability	Liability as on 17.06.2020 (UNIT-I)	Liability as on 01.07.2020 (UNIT-II)	Liability as on 22.01.2021 (UNIT-III)	Liability as on 12.02.2021 (UNIT-IV)	Liability as on 31.03.2022	Liability as on 31.03.2023	Liability as on 31.03.2024
1	2	3	4	5	6	7	8	9	10	11
a) For assets eligible for normal RoE										
GLOCON	Township	3/14/2024	0.00						0.00	60.53
PES-Fitwel JV	Township	3/26/2024	0.00						0.00	9.77
M/S OMIL &JSC-JV	HRT, TRT, Surge Shaft & Pressure shafts	17.06.2020	1999.16	1999.16				1999.16	1999.16	0.00
M/S OMIL &JSC-JV	HRT, TRT, Surge Shaft & Pressure shafts	22.01.2021	1999.16			1999.16		1999.16	1999.16	0.00
PATEL ENGEENING LTD. I	HRT, TRT, Surge Shaft & Pressure shafts	17.06.2020	534.15	534.15				534.15	534.15	534.15
PATEL ENGEENING LTD. II	HRT, TRT, Surge Shaft & Pressure shafts	17.06.2020	169.73	169.73				169.73	169.73	169.73
PATEL ENGEENING LTD.(PKG III)	Power Plant civil works	17.06.2020	12.10	12.10				12.10	12.10	12.10
BHEL(PKG-V)	Plant & Equipment	17.06.2020	148.72	148.72				148.72	148.72	126.88
BHEL(PKG-V)	Plant & Equipment	01.07.2020	148.72		148.72			148.72	148.72	126.88
BHEL(PKG-V)	Plant & Equipment	22.01.2021	148.72			148.72		148.72	148.72	126.88
BHEL(PKG-V)	Plant & Equipment	12.02.2021	148.72				148.72	148.72	148.72	126.88
			5309.18	2863.86	148.72	2147.88	148.72	5309.18	5309.18	1293.80
b) For assets eligible RoE at weighted average rate of interest on loan										

PART-II
FORM-16

(Amount in lacs)

Discharges 17.06.2021 (UNIT-I)	Discharges 01.07.2021 (UNIT-II)	Discharges 22.01.2022 (UNIT-III)	Discharges 12.02.2022 (UNIT-IV)	Discharges 31.03.2023	Discharges 31.03.2024	Reversal 17.06.2021 (UNIT-I)	Reversal 01.07.2021 (UNIT-II)	Reversal 22.01.2022 (UNIT-III)	Reversal 12.02.2022 (UNIT-IV)	Reversal 31.03.2023	Reversal 31.03.2024
12	13	14	15	16	17	19	20	21	22	23	24
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	1999.15	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	1999.16	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	21.84	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	21.84	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	21.84	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	21.84	0.00	0.00	0.00	0.00	0.00	0.00
0.00	**0.00**	**0.00**	**0.00**	**0.00**	**4085.69**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

(Petitioner)

PART II
FORM 17

Operation & Maintenance Expenses

Incase of Hydro generating station declared under commercial operation on or after 01.04.2019

(Amount in lacs)

	As on 31.03.2021				2021-22	2022-23	2023-24
	17.06.20 to 30.9.20	01.07.20 to 21.01.21	22.01.21-11.02.21	12.02.21 - 31.3.21			
Total capital expenditure	680296.43	708793.00	812500.65	840841.59	840841.59	840841.59	846529.19
R&R expenditure (b)	3872.49	3872.49	3872.49	3872.49	3872.49	3872.49	3872.49
IDC & IEDC ©	333531.22	347555.19	399984.09	414440.60	414440.60	414440.60	414440.60
Capital Cost considered for O&M expense (d)=(a)-(b)-©	**342892.72**	**357365.32**	**409644.07**	**422528.50**	**422528.50**	**422528.50**	**428216.10**
First year annualitre O&M expense @ 3.5% of above (e)=3.5% of (d)	12001.25	12507.79	14302.54	14788.50	14788.50	14788.50	14987.56
O&M expense for the period	460.32	3024.92	822.89	1944.79	14788.50	14788.50	14987.56
O&M expense for next year @ 4.77% of above (f) =4.77% of (e)	572.46	596.62	682.23	705.41	705.41	705.41	714.91
Additional O&M expenses due to 7th Pay Commission Wage Revision	0	0	0	0	0	0	0
Additional O&M expenses due to Minimum Wage Revision	0	0	0	0	0	0	0
Additional O&M expenses due to Goods & Service Tax (GST)	0	0	0	0	0	0	0

Note:Additional O&M expenses with supporting documents and computations to be provided for respective year of Tariff Period.

Petitioner

PART II
FORM 18

Details of Statutory Charges (If Applicable)

Name of the Petitioner: North Eastern Electric Power Corporation LTD
Name of the Generating Station: KAMENG HYDRO POWER STATION

(Amount in lacs)

Sl. No	Particulars	Unit Rate	No of Units	Amount Claimed				
				2019-20	2020-21	2021-22	2022-23	2023-24
1	Electricity Duty	0	0	0.00	0.00	0.00	0.00	0.00
2	Water Cess	0	0	0.00	0.00	0.00	0.00	0.00
3	Pollution Control Expenses			0.00	8.31	11.40	13.93	17.07

Petitioner

FORM-I

Particulars	
1. Name of the Petitioner/Applicant	NORTH EASTERN ELECTRIC POWER CORPORATTION Ltd. (NEEPCO Ltd.)
2. Address of the Petitioner/Applicant	Brookland Compound, Lower New Colony, Shillong - 793003
3. Subject Matter	CERC Application Fees for Financial Year 2024-25
4. Petition No., or Application No, if any	As applicable
5. Details of generation assets (a) Generating station/units	1. Kopili Hydro Electric Plant 200 MW 12.07.1997 2. Kopili – II Hydro Electric Plant 25 MW 26.07.2004 3. Khandong Hydro Electric Plant 50 MW 04.05.1984 4. Doyang Hydro Electric Plant 75 MW 08.07.2000 5. Panyor Lower Hydro Electric Plant 405 MW 12.04.2002 6. Pare Hydro Electric Plant 110 MW 28.05.2018 7. Tuirial Hydro Electric Plant 60 MW 30.01.2018 8. Kameng Hydro Electric Plant 600 MW 12.02.2021 9. Assam Gas Based Power Plant 291 MW 01.04.1999 10. Agartala Gas Turbine Combined Cycle Power Plant 135 MW 01.09.2015 11. Tripura Gas Based Power Plant 101 MW 31.3.2017
(b) Capacity in MW	2052 MW
(c) Date of commercial operation	As mentioned at Sl. 5(a) above.
(d) Period for which fee paid	Financial Year 2024-25
(e) Amount of fee paid	Rs.90,28,800.00 (Rupees Ninety Lakhs Twenty Eight Thousand Eight Hundred) only
(f) Surcharge, if any	
6. Details of transmission assets (a) Transmission line and sub-stations (b) Date of commercial operation (c) Period for which fee paid (d) Amount of fee paid (f) Surcharge, if any	Not Applicable
7. Fee paid for Adoption of tariff for (a) Generation asset (b)Transmission asset	Generation asset
8. Application fee for licence (a) Trading licence (b) Transmission licence (c) Period for which paid (d)Amount of fee paid	Not Applicable
9. Fees paid for Miscellaneous Petition	Not Applicable
10. Fees paid for Interlocutory Application	Not Applicable
11.Fees paid for Regulatory Compliance	Not Applicable
12.Fees paid for Review Application	Not Applicable
13. Licence fees for Inter-State Trading (a) Category (b) Period (c) Amount of fee paid (d) Surcharge, if any	Not Applicable
14. Licence fees for Inter-State Transmission (a) Expected/Actual transmission charge (b) Period (c) Amount of fee calculated as a percentage of transmission charge. (d)Surcharge, if any	Not Applicable
15. Annual Registration Charge for Power Exchange/OTC Platform (a) Period (b) Amount of turnover (c) Fee paid (d)Surcharge, if any	Not Applicable
16. Details of fee remitted (a) Transaction Id, Reference no./Payment Id	Payment through the SAUDAMINI e-filling portal
(b) Date of remittance	10th April 2024
(c) Amount remitted	Rs.90,28,800.00 (Rupees Ninety Lakhs Twenty Eight Thousand Eight Hundred) only
Note: While Sl.No.1 to Sl. No. 3 and Sl. No. 16 are compulsory, the rest may be filled up as applicable	
Signature of the authorized signatory with date	10.04.2024

कार्यपालक निदेशक (वाणिज्यिक)
Executive Director (Comml)
नीपको लि., शिलांग
NEEPCO Ltd., Shillong

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड
(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A Mini Ratna, Category-I, A Govt. of India Enterprise)
COMMERCIAL DEPARTMENT
ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2016

No.: NEEPCO/ED(COMML)/F-41/2024-25/ 42 Dated 10.04.2024

The Secretary,
Central Electricity Regulatory Commission,
3rd and 4th Floor, Chanderlok Building,
36, Janpath, New Delhi - 110001. Date: 20.04.2023

Sub : Payment of Annual Application Fees for Determination of Tariff for Financial Year 2024 - 25.

Sir/Madam,

In compliance of Regulation 3 (Fee for Application for Determination of Tariff) of the Central Electricity Regulatory Commission (Payment of Fees) Regulations, 2012, the Application Fees of amount of Rs.90,28,800.00 (Rupees Ninety Lakhs Twenty-Eight Thousand Eight Hundred) only payable for the Financial Year 2024 - 24 in respect of the following generating stations of N EEPCO:

Name of Generating Station	Installed Capacity (MW)	Applicable fees (Rs.)
Kopili Hydro Electric Plant	200	8,80,000
Kopili II Hydro Electric Plant	25	1,10,000
Khandong Hydro Electric Plant	50	2,20,000
Doyang Hydro Electric Plant	75	3,30,000
Ranganadl Hydro Electric Plant	405	17,82,000
Pare Hydro Electric Plant	110	4,84,000
Tuirial Hydro Electric Plant	60	2,64,000
Kameng Hydro Electric Plant	600	26,40,000
Assam Gas Based Power Plant	291	12,80,400
Agartala Gas Turbine Combined Cycle Power Plant	135	5,94,000
Tripura Gas Based Power Plant	101	4,44,400
Total	**2052**	**90,28,800**

The duly filled in Form - I is enclosed herewith and the application fees deposited through the SAUDAMINI e-filing portal as stipulated vide Public Notice of the CERC dated 27.5.2021.

Thanking you,

10.04.2024

Executive Director
O/o the Executive Director (Commercial),
NEEPCO Ltd., Shillong-793003

Executive Director (Comml)
NEEPCO Ltd., Shillong

KaHPS Inflow , Actual Gen , Max Possible Gen

KaHPS	2023-24						
Date	Avg Inflow	Usefull Inflow	Possible Gen as per Inflow (MU)	**Actual Gen (MU)**	Excess Gen (MU)	Short Gen (MU)	Max Possible Generation
1 Apr 23	42.040	42.040	4.6001	**2.1620**	0.0000	-2.4381	4.60012158
2 Apr 23	45.460	45.460	4.9743	**4.7740**	0.0000	-0.2003	4.9743465
3 Apr 23	43.720	43.720	4.7840	**4.5260**	0.0000	-0.2580	4.78395137
4 Apr 23	43.260	43.260	4.7336	**4.0880**	0.0000	-0.6456	4.73361702
5 Apr 23	48.270	48.270	5.2818	**4.0230**	0.0000	-1.2588	5.28182371
6 Apr 23	44.900	44.900	4.9131	**3.9570**	0.0000	-0.9561	4.91306991
7 Apr 23	42.940	42.940	4.6986	**3.9410**	0.0000	-0.7576	4.69860182
8 Apr 23	42.460	42.460	4.6461	**3.9790**	0.0000	-0.6671	4.64607903
9 Apr 23	40.410	40.410	4.4218	**3.9350**	0.0000	-0.4868	4.42176292
10 Apr 23	42.060	42.060	4.6023	**3.9420**	0.0000	-0.6603	4.60231003
11 Apr 23	45.830	45.830	5.0148	**3.7870**	0.0000	-1.2278	5.01483283
12 Apr 23	41.980	41.980	4.5936	**3.9340**	0.0000	-0.6596	4.59355623
13 Apr 23	41.110	41.110	4.4984	**3.9770**	0.0000	-0.5214	4.49835866
14 Apr 23	42.570	42.570	4.6581	**3.9330**	0.0000	-0.7251	4.6581155
15 Apr 23	45.980	45.980	5.0312	**3.9680**	0.0000	-1.0632	5.0312462
16 Apr 23	49.210	49.210	5.3847	**4.2410**	0.0000	-1.1437	5.38468085
17 Apr 23	49.540	49.540	5.4208	**4.7780**	0.0000	-0.6428	5.42079027
18 Apr 23	45.790	45.790	5.0105	**4.5270**	0.0000	-0.4835	5.01045593
19 Apr 23	49.870	49.870	5.4569	**4.1060**	0.0000	-1.3509	5.4568997
20 Apr 23	56.780	56.780	6.2130	**5.7040**	0.0000	-0.5090	6.21300912
21 Apr 23	58.310	58.310	6.3804	**5.4530**	0.0000	-0.9274	6.38042553
22 Apr 23	52.210	52.210	5.7129	**6.3290**	0.6161	0.0000	6.329
23 Apr 23	46.720	46.720	5.1122	**4.2800**	0.0000	-0.8322	5.11221884
24 Apr 23	42.620	42.620	4.6636	**4.3190**	0.0000	-0.3446	4.66358663
25 Apr 23	41.420	41.420	4.5323	**4.3140**	0.0000	-0.2183	4.53227964
26 Apr 23	45.650	45.650	4.9951	**3.9760**	0.0000	-1.0191	4.99513678
27 Apr 23	44.240	44.240	4.8409	**2.2260**	0.0000	-2.6149	4.84085106
28 Apr 23	44.390	44.390	4.8573	**4.2240**	0.0000	-0.6333	4.85726444
29 Apr 23	57.050	57.050	6.2426	**5.2670**	0.0000	-0.9756	6.24255319
30 Apr 23	78.210	78.210	8.5579	**7.4940**	0.0000	-1.0639	8.55793313
1 May 23	72.250	72.250	7.9058	**7.4560**	0.0000	-0.4498	7.90577508
2 May 23	63.170	63.170	6.9122	**6.3530**	0.0000	-0.5592	6.91221884
3 May 23	50.890	50.890	5.5685	**4.7060**	0.0000	-0.8625	5.56851064
4 May 23	47.970	47.970	5.2490	**4.1180**	0.0000	-1.1310	5.24899696
5 May 23	51.030	51.030	5.5838	**4.5060**	0.0000	-1.0778	5.58382979

6 May 23	47.780	47.780	5.2282	**4.5960**	0.0000	-0.6322	5.22820669
7 May 23	49.750	49.750	5.4438	**4.0930**	0.0000	-1.3508	5.443769
8 May 23	52.970	52.970	5.7961	**5.2460**	0.0000	-0.5501	5.79610942
9 May 23	47.530	47.530	5.2009	**4.3750**	0.0000	-0.8259	5.20085106
10 May 23	45.400	45.400	4.9678	**4.0920**	0.0000	-0.8758	4.96778116
11 May 23	42.180	42.180	4.6154	**4.0750**	0.0000	-0.5404	4.61544073
12 May 23	40.480	40.480	4.4294	**3.6760**	0.0000	-0.7534	4.42942249
13 May 23	38.830	38.830	4.2489	**4.1200**	0.0000	-0.1289	4.24887538
14 May 23	39.070	39.070	4.2751	**4.0540**	0.0000	-0.2211	4.27513678
15 May 23	38.340	38.340	4.1953	**3.8970**	0.0000	-0.2983	4.19525836
16 May 23	47.770	47.770	5.2271	**3.9590**	0.0000	-1.2681	5.22711246
17 May 23	48.550	48.550	5.3125	**4.0270**	0.0000	-1.2855	5.31246201
18 May 23	60.060	60.060	6.5719	**5.1180**	0.0000	-1.4539	6.57191489
19 May 23	82.250	82.250	9.0000	**7.5170**	0.0000	-1.4830	9
20 May 23	83.600	83.600	9.1477	**9.8660**	0.7183	0.0000	9.866
21 May 23	54.340	54.340	5.9460	**4.8680**	0.0000	-1.0780	5.94601824
22 May 23	48.030	48.030	5.2556	**4.8490**	0.0000	-0.4066	5.25556231
23 May 23	48.220	48.220	5.2764	**4.5590**	0.0000	-0.7174	5.27635258
24 May 23	45.520	45.520	4.9809	**4.5360**	0.0000	-0.4449	4.98091185
25 May 23	48.480	48.480	5.3048	**4.5110**	0.0000	-0.7938	5.30480243
26 May 23	72.830	72.830	7.9692	**5.7100**	0.0000	-2.2592	7.96924012
27 May 23	85.280	85.280	9.3316	**9.7790**	0.4474	0.0000	9.779
28 May 23	65.570	65.570	7.1748	**6.4370**	0.0000	-0.7378	7.17483283
29 May 23	55.050	55.050	6.0237	**5.0530**	0.0000	-0.9707	6.02370821
30 May 23	47.990	47.990	5.2512	**5.1720**	0.0000	-0.0792	5.25118541
31 May 23	44.330	44.330	4.8507	**4.8700**	0.0193	0.0000	4.87
1 Jun 23	43.030	43.030	4.7084	**4.2150**	0.0000	-0.4934	4.70844985
2 Jun 23	42.450	42.450	4.6450	**4.1570**	0.0000	-0.4880	4.6449848
3 Jun 23	42.600	42.600	4.6614	**3.9230**	0.0000	-0.7384	4.66139818
4 Jun 23	41.600	41.600	4.5520	**3.9700**	0.0000	-0.5820	4.55197568
5 Jun 23	41.430	41.430	4.5334	**3.8900**	0.0000	-0.6434	4.53337386
6 Jun 23	42.620	42.620	4.6636	**2.7190**	0.0000	-1.9446	4.66358663
7 Jun 23	43.420	43.420	4.7511	**3.9470**	0.0000	-0.8041	4.75112462
8 Jun 23	40.750	40.750	4.4590	**3.9500**	0.0000	-0.5090	4.45896657
9 Jun 23	47.850	47.850	5.2359	**3.3410**	0.0000	-1.8949	5.23586626
10 Jun 23	57.390	57.390	6.2798	**5.3820**	0.0000	-0.8978	6.27975684
11 Jun 23	137.440	131.600	14.4000	**8.7670**	0.0000	-5.6330	14.4
12 Jun 23	103.890	103.890	11.3679	**10.9140**	0.0000	-0.4539	11.3679027
13 Jun 23	116.970	116.970	12.7991	**10.9390**	0.0000	-1.8601	12.7991489
14 Jun 23	114.590	114.590	12.5387	**10.9650**	0.0000	-1.5737	12.5387234
15 Jun 23	126.870	126.870	13.8824	**10.1010**	0.0000	-3.7814	13.8824316
16 Jun 23	106.860	106.860	11.6929	**10.9680**	0.0000	-0.7249	11.6928875
17 Jun 23	97.620	97.620	10.6818	**10.9590**	0.2772	0.0000	10.959





18 Jun 23	117.940	117.940	12.9053	**10.9850**	0.0000	-1.9203	12.9052888
19 Jun 23	122.740	122.740	13.4305	**10.5300**	0.0000	-2.9005	13.4305167
20 Jun 23	155.470	131.600	14.4000	**10.4960**	0.0000	-3.9040	14.4
21 Jun 23	158.530	131.600	14.4000	**10.7250**	0.0000	-3.6750	14.4
22 Jun 23	158.990	131.600	14.4000	**10.9810**	0.0000	-3.4190	14.4
23 Jun 23	142.210	131.600	14.4000	**10.6210**	0.0000	-3.7790	14.4
24 Jun 23	111.480	111.480	12.1984	**9.7520**	0.0000	-2.4464	12.1984195
25 Jun 23	82.340	82.340	9.0098	**4.6250**	0.0000	-4.3848	9.00984802
26 Jun 23	111.960	111.960	12.2509	**10.9130**	0.0000	-1.3379	12.2509422
27 Jun 23	86.390	86.390	9.4530	**10.9720**	1.5190	0.0000	10.972
28 Jun 23	85.740	85.740	9.3819	**9.3240**	0.0000	-0.0579	9.3818845
29 Jun 23	141.830	131.600	14.4000	**10.9050**	0.0000	-3.4950	14.4
30 Jun 23	139.490	131.600	14.4000	**10.9800**	0.0000	-3.4200	14.4
1 Jul 23	156.250	131.600	14.4000	**10.9870**	0.0000	-3.4130	14.4
2 Jul 23	185.860	131.600	14.4000	**10.9990**	0.0000	-3.4010	14.4
3 Jul 23	168.010	131.600	14.4000	**11.0110**	0.0000	-3.3890	14.4
4 Jul 23	196.890	131.600	14.4000	**10.9770**	0.0000	-3.4230	14.4
5 Jul 23	185.230	131.600	14.4000	**11.1170**	0.0000	-3.2830	14.4
6 Jul 23	160.400	131.600	14.4000	**11.3820**	0.0000	-3.0180	14.4
7 Jul 23	174.610	131.600	14.4000	**14.4590**	0.0590	0.0000	14.459
8 Jul 23	213.130	131.600	14.4000	**14.1210**	0.0000	-0.2790	14.4
9 Jul 23	213.400	131.600	14.4000	**14.6140**	0.2140	0.0000	14.614
10 Jul 23	266.290	131.600	14.4000	**14.5970**	0.1970	0.0000	14.597
11 Jul 23	272.430	131.600	14.4000	**14.6130**	0.2130	0.0000	14.613
12 Jul 23	197.670	131.600	14.4000	**14.6000**	0.2000	0.0000	14.6
13 Jul 23	184.850	131.600	14.4000	**14.6080**	0.2080	0.0000	14.608
14 Jul 23	218.890	131.600	14.4000	**12.9390**	0.0000	-1.4610	14.4
15 Jul 23	244.210	131.600	14.4000	**14.6050**	0.2050	0.0000	14.605
16 Jul 23	331.110	131.600	14.4000	**14.1750**	0.0000	-0.2250	14.4
17 Jul 23	373.910	131.600	14.4000	**14.6300**	0.2300	0.0000	14.63
18 Jul 23	245.220	131.600	14.4000	**14.1710**	0.0000	-0.2290	14.4
19 Jul 23	164.530	131.600	14.4000	**14.5910**	0.1910	0.0000	14.591
20 Jul 23	163.430	131.600	14.4000	**14.6170**	0.2170	0.0000	14.617
21 Jul 23	165.400	131.600	14.4000	**14.6160**	0.2160	0.0000	14.616
22 Jul 23	260.630	131.600	14.4000	**13.6900**	0.0000	-0.7100	14.4
23 Jul 23	219.160	131.600	14.4000	**14.6550**	0.2550	0.0000	14.655
24 Jul 23	263.100	131.600	14.4000	**14.6490**	0.2490	0.0000	14.649
25 Jul 23	194.120	131.600	14.4000	**14.6320**	0.2320	0.0000	14.632
26 Jul 23	211.300	131.600	14.4000	**14.6350**	0.2350	0.0000	14.635
27 Jul 23	198.890	131.600	14.4000	**14.6380**	0.2380	0.0000	14.638
28 Jul 23	216.510	131.600	14.4000	**14.6430**	0.2430	0.0000	14.643
29 Jul 23	269.440	131.600	14.4000	**14.6510**	0.2510	0.0000	14.651
30 Jul 23	254.210	131.600	14.4000	**14.1720**	0.0000	-0.2280	14.4

31 Jul 23	273.560	131.600	14.4000	**14.6230**	0.2230	0.0000	14.623
1 Aug 23	184.730	131.600	14.4000	**13.6480**	0.0000	-0.7520	14.4
2 Aug 23	170.440	131.600	14.4000	**14.6450**	0.2450	0.0000	14.645
3 Aug 23	285.910	131.600	14.4000	**14.6480**	0.2480	0.0000	14.648
4 Aug 23	432.560	131.600	14.4000	**14.6470**	0.2470	0.0000	14.647
5 Aug 23	363.640	131.600	14.4000	**14.6150**	0.2150	0.0000	14.615
6 Aug 23	256.980	131.600	14.4000	**14.6560**	0.2560	0.0000	14.656
7 Aug 23	327.080	131.600	14.4000	**14.6410**	0.2410	0.0000	14.641
8 Aug 23	364.360	131.600	14.4000	**14.6080**	0.2080	0.0000	14.608
9 Aug 23	301.840	131.600	14.4000	**14.6630**	0.2630	0.0000	14.663
10 Aug 23	310.880	131.600	14.4000	**14.6930**	0.2930	0.0000	14.693
11 Aug 23	264.100	131.600	14.4000	**13.7620**	0.0000	-0.6380	14.4
12 Aug 23	255.930	131.600	14.4000	**13.9000**	0.0000	-0.5000	14.4
13 Aug 23	608.020	131.600	14.4000	**14.6380**	0.2380	0.0000	14.638
14 Aug 23	353.800	131.600	14.4000	**14.6320**	0.2320	0.0000	14.632
15 Aug 23	372.540	131.600	14.4000	**14.6450**	0.2450	0.0000	14.645
16 Aug 23	372.100	131.600	14.4000	**14.0880**	0.0000	-0.3120	14.4
17 Aug 23	287.540	131.600	14.4000	**13.7080**	0.0000	-0.6920	14.4
18 Aug 23	318.600	131.600	14.4000	**14.6370**	0.2370	0.0000	14.637
19 Aug 23	270.090	131.600	14.4000	**14.6430**	0.2430	0.0000	14.643
20 Aug 23	247.410	131.600	14.4000	**14.6560**	0.2560	0.0000	14.656
21 Aug 23	299.760	131.600	14.4000	**14.6750**	0.2750	0.0000	14.675
22 Aug 23	517.650	131.600	14.4000	**14.6350**	0.2350	0.0000	14.635
23 Aug 23	407.550	131.600	14.4000	**13.1130**	0.0000	-1.2870	14.4
24 Aug 23	377.950	131.600	14.4000	**14.6150**	0.2150	0.0000	14.615
25 Aug 23	405.880	131.600	14.4000	**13.4140**	0.0000	-0.9860	14.4
26 Aug 23	389.120	131.600	14.4000	**14.6110**	0.2110	0.0000	14.611
27 Aug 23	385.020	131.600	14.4000	**14.6390**	0.2390	0.0000	14.639
28 Aug 23	361.480	131.600	14.4000	**13.2480**	0.0000	-1.1520	14.4
29 Aug 23	343.730	131.600	14.4000	**12.8980**	0.0000	-1.5020	14.4
30 Aug 23	307.580	131.600	14.4000	**12.6830**	0.0000	-1.7170	14.4
31 Aug 23	354.460	131.600	14.4000	**14.0090**	0.0000	-0.3910	14.4
1 Sep 23	266.860	131.600	14.4000	**14.6490**	0.2490	0.0000	14.649
2 Sep 23	250.960	131.600	14.4000	**14.6600**	0.2600	0.0000	14.66
3 Sep 23	210.250	131.600	14.4000	**14.6630**	0.2630	0.0000	14.663
4 Sep 23	188.070	131.600	14.4000	**14.6560**	0.2560	0.0000	14.656
5 Sep 23	185.410	131.600	14.4000	**14.6380**	0.2380	0.0000	14.638
6 Sep 23	172.220	131.600	14.4000	**13.7920**	0.0000	-0.6080	14.4
7 Sep 23	173.160	131.600	14.4000	**14.6320**	0.2320	0.0000	14.632
8 Sep 23	143.670	131.600	14.4000	**11.7790**	0.0000	-2.6210	14.4
9 Sep 23	144.990	131.600	14.4000	**11.0040**	0.0000	-3.3960	14.4
10 Sep 23	149.920	131.600	14.4000	**10.9970**	0.0000	-3.4030	14.4
11 Sep 23	183.920	131.600	14.4000	**10.9790**	0.0000	-3.4210	14.4

12 Sep 23	279.090	131.600	14.4000	**10.9790**	0.0000	-3.4210	14.4
13 Sep 23	197.480	131.600	14.4000	**10.9790**	0.0000	-3.4210	14.4
14 Sep 23	156.330	131.600	14.4000	**10.3920**	0.0000	-4.0080	14.4
15 Sep 23	156.510	131.600	14.4000	**10.9990**	0.0000	-3.4010	14.4
16 Sep 23	155.330	131.600	14.4000	**10.9980**	0.0000	-3.4020	14.4
17 Sep 23	132.200	131.600	14.4000	**11.0010**	0.0000	-3.3990	14.4
18 Sep 23	134.100	131.600	14.4000	**10.8670**	0.0000	-3.5330	14.4
19 Sep 23	121.330	121.330	13.2762	**10.9930**	0.0000	-2.2832	13.276231
20 Sep 23	158.690	131.600	14.4000	**5.9060**	0.0000	-8.4940	14.4
21 Sep 23	256.910	131.600	14.4000	**7.3340**	0.0000	-7.0660	14.4
22 Sep 23	205.940	131.600	14.4000	**7.3350**	0.0000	-7.0650	14.4
23 Sep 23	146.220	131.600	14.4000	**7.3310**	0.0000	-7.0690	14.4
24 Sep 23	132.350	131.600	14.4000	**7.3290**	0.0000	-7.0710	14.4
25 Sep 23	133.420	131.600	14.4000	**7.3310**	0.0000	-7.0690	14.4
26 Sep 23	148.040	131.600	14.4000	**7.3370**	0.0000	-7.0630	14.4
27 Sep 23	173.420	131.600	14.4000	**7.3580**	0.0000	-7.0420	14.4
28 Sep 23	139.550	131.600	14.4000	**7.3590**	0.0000	-7.0410	14.4
29 Sep 23	100.850	100.850	11.0353	**7.3520**	0.0000	-3.6833	11.0352584
30 Sep 23	105.270	105.270	11.5189	**7.3880**	0.0000	-4.1309	11.5189058
1 Oct 23	128.320	128.320	14.0411	**7.3730**	0.0000	-6.6681	14.0410942
2 Oct 23	134.290	131.600	14.4000	**7.3450**	0.0000	-7.0550	14.4
3 Oct 23	115.230	115.230	12.6088	**7.3760**	0.0000	-5.2328	12.6087538
4 Oct 23	133.930	131.600	14.4000	**7.5560**	0.0000	-6.8440	14.4
5 Oct 23	141.740	131.600	14.4000	**8.3170**	0.0000	-6.0830	14.4
6 Oct 23	140.510	131.600	14.4000	**10.7440**	0.0000	-3.6560	14.4
7 Oct 23	161.990	131.600	14.4000	**10.7810**	0.0000	-3.6190	14.4
8 Oct 23	135.560	131.600	14.4000	**9.5920**	0.0000	-4.8080	14.4
9 Oct 23	133.470	131.600	14.4000	**10.9800**	0.0000	-3.4200	14.4
10 Oct 23	132.640	131.600	14.4000	**11.7920**	0.0000	-2.6080	14.4
11 Oct 23	113.360	113.360	12.4041	**12.7120**	0.3079	0.0000	12.712
12 Oct 23	104.830	104.830	11.4708	**11.0680**	0.0000	-0.4028	11.4707599
13 Oct 23	104.140	104.140	11.3953	**10.5070**	0.0000	-0.8883	11.3952584
14 Oct 23	98.360	98.360	10.7628	**10.9590**	0.1962	0.0000	10.959
15 Oct 23	112.010	112.010	12.2564	**10.9070**	0.0000	-1.3494	12.2564134
16 Oct 23	111.700	111.700	12.2225	**12.4850**	0.2625	0.0000	12.485
17 Oct 23	94.490	94.490	10.3393	**10.0450**	0.0000	-0.2943	10.3393313
18 Oct 23	89.370	89.370	9.7791	**9.3740**	0.0000	-0.4051	9.77908815
19 Oct 23	87.120	87.120	9.5329	**9.4190**	0.0000	-0.1139	9.53288754
20 Oct 23	84.800	84.800	9.2790	**8.6430**	0.0000	-0.6360	9.27902736
21 Oct 23	81.290	81.290	8.8950	**8.5930**	0.0000	-0.3020	8.89495441
22 Oct 23	78.380	78.380	8.5765	**8.6120**	0.0355	0.0000	8.612
23 Oct 23	76.620	76.620	8.3840	**8.1250**	0.0000	-0.2590	8.38395137
24 Oct 23	74.980	74.980	8.2045	**7.7890**	0.0000	-0.4155	8.20449848

25 Oct 23	73.350	73.350	8.0261	**7.7870**	0.0000	-0.2391	8.02613982
26 Oct 23	71.960	71.960	7.8740	**7.7230**	0.0000	-0.1510	7.87404255
27 Oct 23	70.820	70.820	7.7493	**7.5320**	0.0000	-0.2173	7.74930091
28 Oct 23	70.880	70.880	7.7559	**7.0100**	0.0000	-0.7459	7.75586626
29 Oct 23	69.090	69.090	7.5600	**7.2610**	0.0000	-0.2990	7.56
30 Oct 23	67.220	67.220	7.3554	**7.1010**	0.0000	-0.2544	7.35537994
31 Oct 23	66.050	66.050	7.2274	**6.9430**	0.0000	-0.2844	7.22735562
1 Nov 23	64.130	64.130	7.0173	**6.9680**	0.0000	-0.0493	7.01726444
2 Nov 23	63.520	63.520	6.9505	**6.7590**	0.0000	-0.1915	6.95051672
3 Nov 23	63.300	63.300	6.9264	**6.5090**	0.0000	-0.4174	6.92644377
4 Nov 23	62.820	62.820	6.8739	**6.4760**	0.0000	-0.3979	6.87392097
5 Nov 23	62.280	62.280	6.8148	**6.3720**	0.0000	-0.4428	6.81483283
6 Nov 23	61.250	61.250	6.7021	**6.2670**	0.0000	-0.4351	6.70212766
7 Nov 23	60.200	60.200	6.5872	**6.2850**	0.0000	-0.3022	6.58723404
8 Nov 23	58.660	58.660	6.4187	**6.3450**	0.0000	-0.0737	6.4187234
9 Nov 23	57.700	57.700	6.3137	**6.2530**	0.0000	-0.0607	6.31367781
10 Nov 23	58.770	58.770	6.4308	**6.1910**	0.0000	-0.2398	6.43075988
11 Nov 23	57.030	57.030	6.2404	**6.1780**	0.0000	-0.0624	6.24036474
12 Nov 23	56.280	56.280	6.1583	**5.7090**	0.0000	-0.4493	6.15829787
13 Nov 23	54.930	54.930	6.0106	**5.7110**	0.0000	-0.2996	6.01057751
14 Nov 23	53.770	53.770	5.8836	**5.6040**	0.0000	-0.2796	5.88364742
15 Nov 23	52.700	52.700	5.7666	**5.6220**	0.0000	-0.1446	5.76656535
16 Nov 23	52.270	52.270	5.7195	**5.6310**	0.0000	-0.0885	5.71951368
17 Nov 23	52.520	52.520	5.7469	**5.3770**	0.0000	-0.3699	5.7468693
18 Nov 23	52.280	52.280	5.7206	**5.1130**	0.0000	-0.6076	5.7206079
19 Nov 23	51.010	51.010	5.5816	**5.2010**	0.0000	-0.3806	5.58164134
20 Nov 23	50.320	50.320	5.5061	**5.1990**	0.0000	-0.3071	5.50613982
21 Nov 23	49.840	49.840	5.4536	**5.1100**	0.0000	-0.3436	5.45361702
22 Nov 23	50.280	50.280	5.5018	**5.0380**	0.0000	-0.4638	5.50176292
23 Nov 23	50.430	50.430	5.5182	**5.0880**	0.0000	-0.4302	5.51817629
24 Nov 23	48.710	48.710	5.3300	**5.0320**	0.0000	-0.2980	5.3299696
25 Nov 23	47.950	47.950	5.2468	**5.0522**	0.0000	-0.1946	5.24680851
26 Nov 23	48.130	48.130	5.2665	**5.0788**	0.0000	-0.1877	5.26650456
27 Nov 23	47.320	47.320	5.1779	**5.0060**	0.0000	-0.1719	5.17787234
28 Nov 23	47.440	47.440	5.1910	**5.0000**	0.0000	-0.1910	5.19100304
29 Nov 23	46.260	46.260	5.0619	**4.9000**	0.0000	-0.1619	5.0618845
30 Nov 23	45.540	45.540	4.9831	**4.8050**	0.0000	-0.1781	4.9831003
1 Dec 23	45.500	45.500	4.9787	**4.6770**	0.0000	-0.3017	4.9787234
2 Dec 23	45.710	45.710	5.0017	**4.5140**	0.0000	-0.4877	5.00170213
3 Dec 23	44.920	44.920	4.9153	**4.5090**	0.0000	-0.4063	4.91525836
4 Dec 23	44.360	44.360	4.8540	**4.4960**	0.0000	-0.3580	4.85398176
5 Dec 23	43.840	43.840	4.7971	**4.3820**	0.0000	-0.4151	4.79708207
6 Dec 23	44.130	44.130	4.8288	**4.3140**	0.0000	-0.5148	4.82881459

7 Dec 23	42.980	42.980	4.7030	**4.4240**	0.0000	-0.2790	4.70297872
8 Dec 23	43.820	43.820	4.7949	**4.5230**	0.0000	-0.2719	4.79489362
9 Dec 23	43.040	43.040	4.7095	**4.7640**	0.0545	0.0000	4.764
10 Dec 23	43.180	43.180	4.7249	**4.4590**	0.0000	-0.2659	4.72486322
11 Dec 23	45.300	45.300	4.9568	**4.1940**	0.0000	-0.7628	4.95683891
12 Dec 23	42.580	42.580	4.6592	**4.3450**	0.0000	-0.3142	4.65920973
13 Dec 23	42.920	42.920	4.6964	**4.3730**	0.0000	-0.3234	4.69641337
14 Dec 23	42.170	42.170	4.6143	**4.3830**	0.0000	-0.2313	4.6143465
15 Dec 23	41.110	41.110	4.4984	**4.1520**	0.0000	-0.3464	4.49835866
16 Dec 23	40.120	40.120	4.3900	**4.2210**	0.0000	-0.1690	4.3900304
17 Dec 23	39.710	39.710	4.3452	**4.0940**	0.0000	-0.2512	4.34516717
18 Dec 23	39.400	39.400	4.3112	**3.9590**	0.0000	-0.3522	4.3112462
19 Dec 23	37.700	37.700	4.1252	**3.9450**	0.0000	-0.1802	4.12522796
20 Dec 23	38.330	38.330	4.1942	**3.9020**	0.0000	-0.2922	4.19416413
21 Dec 23	38.320	38.320	4.1931	**3.8590**	0.0000	-0.3341	4.19306991
22 Dec 23	38.520	38.520	4.2150	**3.8830**	0.0000	-0.3320	4.21495441
23 Dec 23	38.420	38.420	4.2040	**3.8590**	0.0000	-0.3450	4.20401216
24 Dec 23	37.020	37.020	4.0508	**3.8030**	0.0000	-0.2478	4.05082067
25 Dec 23	38.490	38.490	4.2117	**3.8400**	0.0000	-0.3717	4.21167173
26 Dec 23	37.460	37.460	4.0990	**3.7550**	0.0000	-0.3440	4.09896657
27 Dec 23	37.310	37.310	4.0826	**3.8010**	0.0000	-0.2816	4.08255319
28 Dec 23	36.950	36.950	4.0432	**3.7840**	0.0000	-0.2592	4.04316109
29 Dec 23	35.560	35.560	3.8911	**3.7710**	0.0000	-0.1201	3.89106383
30 Dec 23	36.270	36.270	3.9688	**3.7000**	0.0000	-0.2688	3.9687538
31 Dec 23	35.620	35.620	3.8976	**3.5410**	0.0000	-0.3566	3.89762918
1 Jan 24	36.440	36.440	3.9874	**3.5430**	0.0000	-0.4444	3.98735562
2 Jan 24	36.450	36.450	3.9884	**3.4300**	0.0000	-0.5584	3.98844985
3 Jan 24	36.510	36.510	3.9950	**3.5650**	0.0000	-0.4300	3.9950152
4 Jan 24	36.650	36.650	4.0103	**3.7220**	0.0000	-0.2883	4.01033435
5 Jan 24	36.520	36.520	3.9961	**3.3600**	0.0000	-0.6361	3.99610942
6 Jan 24	35.430	35.430	3.8768	**3.8610**	0.0000	-0.0158	3.87683891
7 Jan 24	35.730	35.730	3.9097	**3.5720**	0.0000	-0.3377	3.90966565
8 Jan 24	35.470	35.470	3.8812	**3.4300**	0.0000	-0.4512	3.88121581
9 Jan 24	34.150	34.150	3.7368	**3.3170**	0.0000	-0.4198	3.73677812
10 Jan 24	34.770	34.770	3.8046	**3.4460**	0.0000	-0.3586	3.80462006
11 Jan 24	34.180	34.180	3.7401	**3.4570**	0.0000	-0.2831	3.74006079
12 Jan 24	34.040	34.040	3.7247	**3.4080**	0.0000	-0.3167	3.72474164
13 Jan 24	33.780	33.780	3.6963	**3.2850**	0.0000	-0.4113	3.69629179
14 Jan 24	33.620	33.620	3.6788	**3.1910**	0.0000	-0.4878	3.67878419
15 Jan 24	33.240	33.240	3.6372	**3.2490**	0.0000	-0.3882	3.63720365
16 Jan 24	32.510	32.510	3.5573	**3.3040**	0.0000	-0.2533	3.55732523
17 Jan 24	33.480	33.480	3.6635	**3.3060**	0.0000	-0.3575	3.66346505
18 Jan 24	35.020	35.020	3.8320	**3.3270**	0.0000	-0.5050	3.83197568

19 Jan 24	35.060	35.060	3.8364	**3.2960**	0.0000	-0.5404	3.83635258
20 Jan 24	33.830	33.830	3.7018	**3.3490**	0.0000	-0.3528	3.70176292
21 Jan 24	34.110	34.110	3.7324	**3.4310**	0.0000	-0.3014	3.73240122
22 Jan 24	33.610	33.610	3.6777	**3.3540**	0.0000	-0.3237	3.67768997
23 Jan 24	33.240	33.240	3.6372	**3.3070**	0.0000	-0.3302	3.63720365
24 Jan 24	32.730	32.730	3.5814	**3.3180**	0.0000	-0.2634	3.58139818
25 Jan 24	32.650	32.650	3.5726	**3.2650**	0.0000	-0.3076	3.57264438
26 Jan 24	33.950	33.950	3.7149	**3.2030**	0.0000	-0.5119	3.71489362
27 Jan 24	33.930	33.930	3.7127	**2.9280**	0.0000	-0.7847	3.71270517
28 Jan 24	32.840	32.840	3.5934	**3.3210**	0.0000	-0.2724	3.59343465
29 Jan 24	32.090	32.090	3.5114	**3.3020**	0.0000	-0.2094	3.51136778
30 Jan 24	32.450	32.450	3.5508	**3.3530**	0.0000	-0.1978	3.55075988
31 Jan 24	32.490	32.490	3.5551	**3.2100**	0.0000	-0.3451	3.55513678
1 Feb 24	33.470	33.470	3.6624	**2.9960**	0.0000	-0.6664	3.66237082
2 Feb 24	32.450	32.450	3.5508	**3.1420**	0.0000	-0.4088	3.55075988
3 Feb 24	32.440	32.440	3.5497	**3.1990**	0.0000	-0.3507	3.54966565
4 Feb 24	32.690	32.690	3.5770	**3.1760**	0.0000	-0.4010	3.57702128
5 Feb 24	32.550	32.550	3.5617	**3.1780**	0.0000	-0.3837	3.56170213
6 Feb 24	32.930	32.930	3.6033	**3.2970**	0.0000	-0.3063	3.60328267
7 Feb 24	34.170	34.170	3.7390	**3.1540**	0.0000	-0.5850	3.73896657
8 Feb 24	34.450	34.450	3.7696	**3.3850**	0.0000	-0.3846	3.76960486
9 Feb 24	33.870	33.870	3.7061	**3.3870**	0.0000	-0.3191	3.70613982
10 Feb 24	34.890	34.890	3.8178	**3.7010**	0.0000	-0.1168	3.81775076
11 Feb 24	34.390	34.390	3.7630	**3.2250**	0.0000	-0.5380	3.76303951
12 Feb 24	32.400	32.400	3.5453	**3.3690**	0.0000	-0.1763	3.54528875
13 Feb 24	29.710	29.710	3.2509	**3.3880**	0.1371	0.0000	3.388
14 Feb 24	30.450	30.450	3.3319	**3.3840**	0.0521	0.0000	3.384
15 Feb 24	29.990	29.990	3.2816	**3.3990**	0.1174	0.0000	3.399
16 Feb 24	32.090	32.090	3.5114	**3.4980**	0.0000	-0.0134	3.51136778
17 Feb 24	36.180	36.180	3.9589	**3.2120**	0.0000	-0.7469	3.95890578
18 Feb 24	36.180	36.180	3.9589	**3.1640**	0.0000	-0.7949	3.95890578

19 Feb 24	37.370	37.370	4.0891	**3.8630**	0.0000	-0.2261	4.08911854
20 Feb 24	36.030	36.030	3.9425	**5.5370**	1.5945	0.0000	5.537
21 Feb 24	33.370	33.370	3.6514	**4.7830**	1.1316	0.0000	4.783
22 Feb 24	37.250	37.250	4.0760	**3.2360**	0.0000	-0.8400	4.07598784
23 Feb 24	36.500	36.500	3.9939	**3.2220**	0.0000	-0.7719	3.99392097
24 Feb 24	34.760	34.760	3.8035	**3.2530**	0.0000	-0.5505	3.80352584
25 Feb 24	32.740	32.740	3.5825	**3.2270**	0.0000	-0.3555	3.5824924
26 Feb 24	32.000	32.000	3.5015	**3.2230**	0.0000	-0.2785	3.50151976
27 Feb 24	32.120	32.120	3.5147	**3.1640**	0.0000	-0.3507	3.51465046
28 Feb 24	31.230	31.230	3.4173	**3.3090**	0.0000	-0.1083	3.41726444
29 Feb 24	33.460	33.460	3.6613	**3.2730**	0.0000	-0.3883	3.6612766
1 Mar 24	38.010	38.010	4.1591	**2.4960**	0.0000	-1.6631	4.15914894
2 Mar 24	39.650	39.650	4.3386	**2.7830**	0.0000	-1.5556	4.33860182
3 Mar 24	36.360	36.360	3.9786	**3.3500**	0.0000	-0.6286	3.97860182
4 Mar 24	37.610	37.610	4.1154	**4.2980**	0.1826	0.0000	4.298
5 Mar 24	39.930	39.930	4.3692	**4.1180**	0.0000	-0.2512	4.36924012
6 Mar 24	40.100	40.100	4.3878	**3.8150**	0.0000	-0.5728	4.38784195
7 Mar 24	41.740	41.740	4.5673	**4.0170**	0.0000	-0.5503	4.56729483
8 Mar 24	41.830	41.830	4.5771	**4.5170**	0.0000	-0.0601	4.57714286
9 Mar 24	40.810	40.810	4.4655	**4.1660**	0.0000	-0.2995	4.46553191
10 Mar 24	41.070	41.070	4.4940	**4.1010**	0.0000	-0.3930	4.49398176
11 Mar 24	41.860	41.860	4.5804	**4.4510**	0.0000	-0.1294	4.58042553
12 Mar 24	39.080	39.080	4.2762	**4.0960**	0.0000	-0.1802	4.276231
13 Mar 24	35.760	35.760	3.9129	**4.0910**	0.1781	0.0000	4.091
14 Mar 24	41.170	41.170	4.5049	**3.9460**	0.0000	-0.5589	4.50492401
15 Mar 24	38.140	38.140	4.1734	**3.1220**	0.0000	-1.0514	4.17337386
16 Mar 24	33.770	33.770	3.6952	**4.2090**	0.5138	0.0000	4.209
17 Mar 24	33.890	33.890	3.7083	**3.8910**	0.1827	0.0000	3.891
18 Mar 24	35.740	35.740	3.9108	**3.3060**	0.0000	-0.6048	3.91075988
19 Mar 24	34.190	34.190	3.7412	**3.1840**	0.0000	-0.5572	3.74115502
20 Mar 24	34.010	34.010	3.7215	**3.3940**	0.0000	-0.3275	3.72145897
21 Mar 24	44.660	44.660	4.8868	**5.3930**	0.5062	0.0000	5.393
22 Mar 24	108.940	108.940	11.9205	**9.8360**	0.0000	-2.0845	11.9204863
23 Mar 24	86.750	86.750	9.4924	**9.9330**	0.4406	0.0000	9.933
24 Mar 24	78.190	78.190	8.5557	**8.9470**	0.3913	0.0000	8.947
25 Mar 24	66.840	66.840	7.3138	**4.7700**	0.0000	-2.5438	7.31379939
26 Mar 24	77.450	77.450	8.4748	**9.3220**	0.8472	0.0000	9.322
27 Mar 24	59.000	59.000	6.4559	**6.4180**	0.0000	-0.0379	6.45592705
28 Mar 24	54.920	54.920	6.0095	**5.6100**	0.0000	-0.3995	6.00948328
29 Mar 24	46.870	46.870	5.1286	**4.7460**	0.0000	-0.3826	5.12863222
30 Mar 24	46.190	46.190	5.0542	**5.5010**	0.4468	0.0000	5.501
31 Mar 24	48.780	48.780	5.3376	**4.9430**	0.0000	-0.3946	5.33762918
Total	**103.6889**	**74.7871**	**2995.1201**	**2652.10200**	**21.5916**	**-364.6097**	**3016.7117**

KaHPS Inflow , Actual Gen , Max Possible Gen

KaHPS	2021-22						
Date	Avg Inflow	Usefull Inflow	Possible Gen as per Inflow (MU)	Actual Gen (MU)	Excess Gen (MU)	Short Gen (MU)	Max Possible Generation
1 Apr 21	0.000	0.000	0.0000	**0.0000**	0.0000	0.0000	0
2 Apr 21	18.860	18.860	2.0637	**0.0000**	0.0000	-2.0637	2.063708
3 Apr 21	14.660	14.660	1.6041	**0.0000**	0.0000	-1.6041	1.604134
4 Apr 21	10.100	10.100	1.1052	**0.0000**	0.0000	-1.1052	1.105167
5 Apr 21	10.050	10.050	1.0997	**0.0000**	0.0000	-1.0997	1.099696
6 Apr 21	18.580	18.580	2.0331	**0.0000**	0.0000	-2.0331	2.03307
7 Apr 21	18.170	18.170	1.9882	**0.0000**	0.0000	-1.9882	1.988207
8 Apr 21	0.000	0.000	0.0000	**0.0862**	0.0862	0.0000	0.0862
9 Apr 21	0.000	0.000	0.0000	**3.3424**	3.3424	0.0000	3.3424
10 Apr 21	30.790	30.790	3.3691	**3.0582**	0.0000	-0.3109	3.369119
11 Apr 21	31.120	31.120	3.4052	**3.3775**	0.0000	-0.0277	3.405228
12 Apr 21	29.970	29.970	3.2794	**3.3200**	0.0406	0.0000	3.32
13 Apr 21	31.330	31.330	3.4282	**2.6356**	0.0000	-0.7926	3.428207
14 Apr 21	28.850	28.850	3.1568	**3.6367**	0.4799	0.0000	3.6367
15 Apr 21	32.090	32.090	3.5114	**3.3882**	0.0000	-0.1232	3.511368
16 Apr 21	32.500	32.500	3.5562	**3.6396**	0.0834	0.0000	3.6396
17 Apr 21	32.500	32.500	3.5562	**3.4260**	0.0000	-0.1302	3.556231
18 Apr 21	35.160	35.160	3.8473	**4.8397**	0.9924	0.0000	4.8397
19 Apr 21	40.270	40.270	4.4064	**4.9419**	0.5355	0.0000	4.9419
20 Apr 21	34.570	34.570	3.7827	**4.1827**	0.4000	0.0000	4.1827
21 Apr 21	0.000	0.000	0.0000	**4.0005**	4.0005	0.0000	4.0005
22 Apr 21	31.850	31.850	3.4851	**1.9262**	0.0000	-1.5589	3.485106
23 Apr 21	30.630	30.630	3.3516	**4.0185**	0.6669	0.0000	4.0185
24 Apr 21	30.630	30.630	3.3516	**3.2546**	0.0000	-0.0970	3.351611
25 Apr 21	31.980	31.980	3.4993	**1.8746**	0.0000	-1.6247	3.499331
26 Apr 21	28.850	28.850	3.1568	**3.6264**	0.4696	0.0000	3.6264
27 Apr 21	29.150	29.150	3.1897	**3.6111**	0.4214	0.0000	3.6111
28 Apr 21	30.250	30.250	3.3100	**3.6714**	0.3614	0.0000	3.6714
29 Apr 21	35.600	35.600	3.8954	**1.9705**	0.0000	-1.9249	3.895441
30 Apr 21	32.380	32.380	3.5431	**4.5687**	1.0256	0.0000	4.5687
1 May 21	33.710	33.710	3.6886	**4.5526**	0.8640	0.0000	4.5526
2 May 21	33.710	33.710	3.6886	**4.7133**	1.0247	0.0000	4.7133
3 May 21	33.710	33.710	3.6886	**3.7062**	0.0176	0.0000	3.7062
4 May 21	39.130	39.130	4.2817	**4.6681**	0.3864	0.0000	4.6681
5 May 21	65.860	65.860	7.2066	**4.9786**	0.0000	-2.2280	7.206565

6 May 21	77.300	77.300	8.4584	**7.2025**	0.0000	-1.2559	8.458359
7 May 21	60.860	60.860	6.6595	**7.2294**	0.5699	0.0000	7.2294
8 May 21	66.350	66.350	7.2602	**7.3058**	0.0456	0.0000	7.3058
9 May 21	75.400	75.400	8.2505	**7.2411**	0.0000	-1.0094	8.250456
10 May 21	56.090	56.090	6.1375	**7.2501**	1.1126	0.0000	7.2501
11 May 21	71.900	71.900	7.8675	**6.7435**	0.0000	-1.1240	7.867477
12 May 21	79.940	79.940	8.7472	**7.6662**	0.0000	-1.0810	8.747234
13 May 21	85.610	85.610	9.3677	**7.2422**	0.0000	-2.1255	9.36766
14 May 21	74.530	74.530	8.1553	**8.4039**	0.2486	0.0000	8.4039
15 May 21	56.090	56.090	6.1375	**5.9544**	0.0000	-0.1831	6.137508
16 May 21	50.580	50.580	5.5346	**4.9670**	0.0000	-0.5676	5.53459
17 May 21	51.920	51.920	5.6812	**4.7285**	0.0000	-0.9527	5.681216
18 May 21	65.020	65.020	7.1147	**7.1917**	0.0770	0.0000	7.1917
19 May 21	56.920	56.920	6.2283	**6.6759**	0.4476	0.0000	6.6759
20 May 21	51.930	51.930	5.6823	**4.9758**	0.0000	-0.7065	5.68231
21 May 21	45.130	45.130	4.9382	**4.7447**	0.0000	-0.1935	4.938237
22 May 21	50.930	50.930	5.5729	**5.2313**	0.0000	-0.3416	5.572888
23 May 21	40.690	40.690	4.4524	**4.7208**	0.2684	0.0000	4.7208
24 May 21	39.480	39.480	4.3200	**3.2382**	0.0000	-1.0818	4.32
25 May 21	49.480	49.480	5.4142	**5.2363**	0.0000	-0.1779	5.414225
26 May 21	52.090	52.090	5.6998	**4.9915**	0.0000	-0.7083	5.699818
27 May 21	590.900	131.600	14.4000	**10.0821**	0.0000	-4.3179	14.4
28 May 21	168.880	131.600	14.4000	**10.2563**	0.0000	-4.1437	14.4
29 May 21	73.170	73.170	8.0064	**8.2973**	0.2909	0.0000	8.2973
30 May 21	67.900	67.900	7.4298	**6.3266**	0.0000	-1.1032	7.429787
31 May 21	84.920	84.920	9.2922	**9.3258**	0.0336	0.0000	9.3258
1 Jun 21	67.040	67.040	7.3357	**7.9083**	0.5726	0.0000	7.9083
2 Jun 21	62.030	62.030	6.7875	**6.0232**	0.0000	-0.7643	6.787477
3 Jun 21	67.200	67.200	7.3532	**6.9893**	0.0000	-0.3639	7.353191
4 Jun 21	56.570	56.570	6.1900	**5.8796**	0.0000	-0.3104	6.19003
5 Jun 21	66.870	66.870	7.3171	**6.6675**	0.0000	-0.6496	7.317082
6 Jun 21	92.280	92.280	10.0975	**7.5382**	0.0000	-2.5593	10.09751
7 Jun 21	132.790	131.600	14.4000	**10.9149**	0.0000	-3.4851	14.4
8 Jun 21	200.520	131.600	14.4000	**10.3519**	0.0000	-4.0481	14.4
9 Jun 21	117.280	117.280	12.8331	**10.9136**	0.0000	-1.9195	12.83307
10 Jun 21	111.880	111.880	12.2422	**10.3598**	0.0000	-1.8824	12.24219
11 Jun 21	87.050	87.050	9.5252	**9.7410**	0.2158	0.0000	9.741
12 Jun 21	96.590	96.590	10.5691	**8.0833**	0.0000	-2.4858	10.56912
13 Jun 21	154.690	131.600	14.4000	**10.8275**	0.0000	-3.5725	14.4
14 Jun 21	103.750	103.750	11.3526	**10.9318**	0.0000	-0.4208	11.35258
15 Jun 21	104.950	104.950	11.4839	**10.8949**	0.0000	-0.5890	11.48389
16 Jun 21	112.210	112.210	12.2783	**10.9000**	0.0000	-1.3783	12.2783
17 Jun 21	128.820	128.820	14.0958	**10.7486**	0.0000	-3.3472	14.09581

18 Jun 21	169.050	131.600	14.4000	**8.4118**	0.0000	-5.9882	14.4
19 Jun 21	181.710	131.600	14.4000	**8.0555**	0.0000	-6.3445	14.4
20 Jun 21	160.950	131.600	14.4000	**10.9483**	0.0000	-3.4517	14.4
21 Jun 21	155.440	131.600	14.4000	**10.9439**	0.0000	-3.4561	14.4
22 Jun 21	128.280	128.280	14.0367	**10.9282**	0.0000	-3.1085	14.03672
23 Jun 21	181.060	131.600	14.4000	**11.0754**	0.0000	-3.3246	14.4
24 Jun 21	118.930	118.930	13.0136	**12.0953**	0.0000	-0.9183	13.01362
25 Jun 21	110.480	110.480	12.0890	**11.8467**	0.0000	-0.2423	12.089
26 Jun 21	117.480	117.480	12.8550	**9.9956**	0.0000	-2.8594	12.85495
27 Jun 21	115.670	115.670	12.6569	**10.7869**	0.0000	-1.8700	12.6569
28 Jun 21	150.360	131.600	14.4000	**9.9573**	0.0000	-4.4427	14.4
29 Jun 21	216.560	131.600	14.4000	**7.3327**	0.0000	-7.0673	14.4
30 Jun 21	319.870	131.600	14.4000	**8.0368**	0.0000	-6.3632	14.4
1 Jul 21	289.500	131.600	14.4000	**11.3283**	0.0000	-3.0717	14.4
2 Jul 21	430.740	131.600	14.4000	**12.8476**	0.0000	-1.5524	14.4
3 Jul 21	317.560	131.600	14.4000	**13.1871**	0.0000	-1.2129	14.4
4 Jul 21	247.560	131.600	14.4000	**13.3298**	0.0000	-1.0702	14.4
5 Jul 21	281.310	131.600	14.4000	**12.7395**	0.0000	-1.6605	14.4
6 Jul 21	301.440	131.600	14.4000	**13.5512**	0.0000	-0.8488	14.4
7 Jul 21	444.390	131.600	14.4000	**13.4901**	0.0000	-0.9099	14.4
8 Jul 21	581.320	131.600	14.4000	**13.7827**	0.0000	-0.6173	14.4
9 Jul 21	357.360	131.600	14.4000	**13.7739**	0.0000	-0.6261	14.4
10 Jul 21	580.870	131.600	14.4000	**13.8456**	0.0000	-0.5544	14.4
11 Jul 21	460.080	131.600	14.4000	**13.8503**	0.0000	-0.5497	14.4
12 Jul 21	488.050	131.600	14.4000	**13.8542**	0.0000	-0.5458	14.4
13 Jul 21	383.560	131.600	14.4000	**13.8683**	0.0000	-0.5317	14.4
14 Jul 21	365.750	131.600	14.4000	**13.8766**	0.0000	-0.5234	14.4
15 Jul 21	474.000	131.600	14.4000	**13.8810**	0.0000	-0.5190	14.4
16 Jul 21	490.100	131.600	14.4000	**13.8679**	0.0000	-0.5321	14.4
17 Jul 21	572.300	131.600	14.4000	**13.8669**	0.0000	-0.5331	14.4
18 Jul 21	445.110	131.600	14.4000	**13.8981**	0.0000	-0.5019	14.4
19 Jul 21	438.140	131.600	14.4000	**13.9644**	0.0000	-0.4356	14.4
20 Jul 21	476.840	131.600	14.4000	**14.0022**	0.0000	-0.3978	14.4
21 Jul 21	387.000	131.600	14.4000	**12.6024**	0.0000	-1.7976	14.4
22 Jul 21	324.390	131.600	14.4000	**13.9912**	0.0000	-0.4088	14.4
23 Jul 21	316.440	131.600	14.4000	**14.0788**	0.0000	-0.3212	14.4
24 Jul 21	314.370	131.600	14.4000	**14.1148**	0.0000	-0.2852	14.4
25 Jul 21	292.950	131.600	14.4000	**13.3538**	0.0000	-1.0462	14.4
26 Jul 21	403.480	131.600	14.4000	**14.1113**	0.0000	-0.2887	14.4
27 Jul 21	394.100	131.600	14.4000	**14.1448**	0.0000	-0.2552	14.4
28 Jul 21	333.710	131.600	14.4000	**14.1981**	0.0000	-0.2019	14.4
29 Jul 21	402.160	131.600	14.4000	**11.5110**	0.0000	-2.8890	14.4
30 Jul 21	393.000	131.600	14.4000	**10.8722**	0.0000	-3.5278	14.4



31 Jul 21	351.110	131.600	14.4000	**10.8864**	0.0000	-3.5136	14.4
1 Aug 21	436.560	131.600	14.4000	**10.9118**	0.0000	-3.4882	14.4
2 Aug 21	408.690	131.600	14.4000	**10.9026**	0.0000	-3.4974	14.4
3 Aug 21	271.650	131.600	14.4000	**10.9058**	0.0000	-3.4942	14.4
4 Aug 21	191.160	131.600	14.4000	**10.9065**	0.0000	-3.4935	14.4
5 Aug 21	167.990	131.600	14.4000	**10.9079**	0.0000	-3.4921	14.4
6 Aug 21	149.910	131.600	14.4000	**10.9085**	0.0000	-3.4915	14.4
7 Aug 21	140.720	131.600	14.4000	**10.9039**	0.0000	-3.4961	14.4
8 Aug 21	197.940	131.600	14.4000	**10.8972**	0.0000	-3.5028	14.4
9 Aug 21	212.030	131.600	14.4000	**10.9014**	0.0000	-3.4986	14.4
10 Aug 21	214.430	131.600	14.4000	**10.4633**	0.0000	-3.9367	14.4
11 Aug 21	257.460	131.600	14.4000	**9.5525**	0.0000	-4.8475	14.4
12 Aug 21	261.790	131.600	14.4000	**10.9053**	0.0000	-3.4947	14.4
13 Aug 21	232.860	131.600	14.4000	**10.8769**	0.0000	-3.5231	14.4
14 Aug 21	265.660	131.600	14.4000	**10.8931**	0.0000	-3.5069	14.4
15 Aug 21	414.370	131.600	14.4000	**10.8962**	0.0000	-3.5038	14.4
16 Aug 21	513.260	131.600	14.4000	**10.8922**	0.0000	-3.5078	14.4
17 Aug 21	501.650	131.600	14.4000	**10.6641**	0.0000	-3.7359	14.4
18 Aug 21	501.170	131.600	14.4000	**9.5550**	0.0000	-4.8450	14.4
19 Aug 21	624.400	131.600	14.4000	**7.2889**	0.0000	-7.1111	14.4
20 Aug 21	779.110	131.600	14.4000	**7.2904**	0.0000	-7.1096	14.4
21 Aug 21	552.700	131.600	14.4000	**7.3007**	0.0000	-7.0993	14.4
22 Aug 21	418.520	131.600	14.4000	**7.2963**	0.0000	-7.1037	14.4
23 Aug 21	375.320	131.600	14.4000	**7.2924**	0.0000	-7.1076	14.4
24 Aug 21	349.150	131.600	14.4000	**7.3064**	0.0000	-7.0936	14.4
25 Aug 21	630.950	131.600	14.4000	**6.9044**	0.0000	-7.4956	14.4
26 Aug 21	618.690	131.600	14.4000	**7.2922**	0.0000	-7.1078	14.4
27 Aug 21	927.590	131.600	14.4000	**7.2991**	0.0000	-7.1009	14.4
28 Aug 21	618.980	131.600	14.4000	**7.0053**	0.0000	-7.3947	14.4
29 Aug 21	433.870	131.600	14.4000	**7.3114**	0.0000	-7.0886	14.4
30 Aug 21	446.030	131.600	14.4000	**7.3026**	0.0000	-7.0974	14.4
31 Aug 21	427.320	131.600	14.4000	**10.4517**	0.0000	-3.9483	14.4
1 Sep 21	434.760	131.600	14.4000	**10.0838**	0.0000	-4.3162	14.4
2 Sep 21	500.690	131.600	14.4000	**10.4761**	0.0000	-3.9239	14.4
3 Sep 21	322.180	131.600	14.4000	**10.8829**	0.0000	-3.5171	14.4
4 Sep 21	273.960	131.600	14.4000	**10.8785**	0.0000	-3.5215	14.4
5 Sep 21	315.420	131.600	14.4000	**10.8851**	0.0000	-3.5149	14.4
6 Sep 21	452.090	131.600	14.4000	**10.5239**	0.0000	-3.8761	14.4
7 Sep 21	371.750	131.600	14.4000	**10.5593**	0.0000	-3.8407	14.4
8 Sep 21	322.980	131.600	14.4000	**10.8600**	0.0000	-3.5400	14.4
9 Sep 21	561.070	131.600	14.4000	**9.6749**	0.0000	-4.7251	14.4
10 Sep 21	476.300	131.600	14.4000	**10.5308**	0.0000	-3.8692	14.4
11 Sep 21	355.480	131.600	14.4000	**10.8927**	0.0000	-3.5073	14.4

12 Sep 21	305.980	131.600	14.4000	**10.8898**	0.0000	-3.5102	14.4
13 Sep 21	281.770	131.600	14.4000	**10.8971**	0.0000	-3.5029	14.4
14 Sep 21	237.820	131.600	14.4000	**10.9029**	0.0000	-3.4971	14.4
15 Sep 21	272.870	131.600	14.4000	**10.9041**	0.0000	-3.4959	14.4
16 Sep 21	253.140	131.600	14.4000	**10.8936**	0.0000	-3.5064	14.4
17 Sep 21	265.900	131.600	14.4000	**10.9082**	0.0000	-3.4918	14.4
18 Sep 21	348.690	131.600	14.4000	**10.8740**	0.0000	-3.5260	14.4
19 Sep 21	231.710	131.600	14.4000	**10.2740**	0.0000	-4.1260	14.4
20 Sep 21	193.700	131.600	14.4000	**7.2917**	0.0000	-7.1083	14.4
21 Sep 21	180.810	131.600	14.4000	**7.2922**	0.0000	-7.1078	14.4
22 Sep 21	181.230	131.600	14.4000	**7.2882**	0.0000	-7.1118	14.4
23 Sep 21	203.490	131.600	14.4000	**7.2832**	0.0000	-7.1168	14.4
24 Sep 21	228.600	131.600	14.4000	**5.0017**	0.0000	-9.3983	14.4
25 Sep 21	221.210	131.600	14.4000	**4.8759**	0.0000	-9.5241	14.4
26 Sep 21	182.900	131.600	14.4000	**7.2771**	0.0000	-7.1229	14.4
27 Sep 21	192.210	131.600	14.4000	**7.2756**	0.0000	-7.1244	14.4
28 Sep 21	239.850	131.600	14.4000	**7.2674**	0.0000	-7.1326	14.4
29 Sep 21	202.510	131.600	14.4000	**8.0329**	0.0000	-6.3671	14.4
30 Sep 21	189.620	131.600	14.4000	**9.4603**	0.0000	-4.9397	14.4
1 Oct 21	130.380	130.380	14.2665	**10.5259**	0.0000	-3.7406	14.2665
2 Oct 21	119.370	119.370	13.0618	**10.3934**	0.0000	-2.6684	13.06176
3 Oct 21	133.060	131.600	14.4000	**10.0833**	0.0000	-4.3167	14.4
4 Oct 21	127.010	127.010	13.8978	**10.3811**	0.0000	-3.5167	13.89775
5 Oct 21	320.880	131.600	14.4000	**10.6844**	0.0000	-3.7156	14.4
6 Oct 21	211.250	131.600	14.4000	**10.8648**	0.0000	-3.5352	14.4
7 Oct 21	186.740	131.600	14.4000	**10.8762**	0.0000	-3.5238	14.4
8 Oct 21	169.720	131.600	14.4000	**10.6008**	0.0000	-3.7992	14.4
9 Oct 21	129.120	129.120	14.1286	**10.8772**	0.0000	-3.2514	14.12863
10 Oct 21	120.930	120.930	13.2325	**10.8665**	0.0000	-2.3660	13.23246
11 Oct 21	103.920	103.920	11.3712	**10.8725**	0.0000	-0.4987	11.37119
12 Oct 21	100.700	100.700	11.0188	**10.7698**	0.0000	-0.2490	11.01884
13 Oct 21	100.140	100.140	10.9576	**10.7733**	0.0000	-0.1843	10.95757
14 Oct 21	101.480	101.480	11.1042	**10.8810**	0.0000	-0.2232	11.10419
15 Oct 21	99.210	99.210	10.8558	**10.7593**	0.0000	-0.0965	10.85581
16 Oct 21	99.390	99.390	10.8755	**10.5356**	0.0000	-0.3399	10.8755
17 Oct 21	129.230	129.230	14.1407	**10.7374**	0.0000	-3.4033	14.14067
18 Oct 21	138.710	131.600	14.4000	**8.4900**	0.0000	-5.9100	14.4
19 Oct 21	298.110	131.600	14.4000	**6.9412**	0.0000	-7.4588	14.4
20 Oct 21	354.330	131.600	14.4000	**7.2956**	0.0000	-7.1044	14.4
21 Oct 21	263.660	131.600	14.4000	**6.8290**	0.0000	-7.5710	14.4
22 Oct 21	210.240	131.600	14.4000	**7.2764**	0.0000	-7.1236	14.4
23 Oct 21	185.150	131.600	14.4000	**7.2885**	0.0000	-7.1115	14.4
24 Oct 21	134.500	131.600	14.4000	**7.2907**	0.0000	-7.1093	14.4



25 Oct 21	128.470	128.470	14.0575	**7.3065**	0.0000	-6.7510	14.05751
26 Oct 21	127.370	127.370	13.9371	**7.2947**	0.0000	-6.6424	13.93714
27 Oct 21	124.120	124.120	13.5815	**7.3008**	0.0000	-6.2807	13.58152
28 Oct 21	123.090	123.090	13.4688	**5.9241**	0.0000	-7.5447	13.46881
29 Oct 21	90.080	90.080	9.8568	**7.1156**	0.0000	-2.7412	9.856778
30 Oct 21	96.640	96.640	10.5746	**7.2966**	0.0000	-3.2780	10.57459
31 Oct 21	97.210	97.210	10.6370	**7.3031**	0.0000	-3.3339	10.63696
1 Nov 21	78.950	78.950	8.6389	**7.2924**	0.0000	-1.3465	8.638906
2 Nov 21	79.230	79.230	8.6695	**7.2909**	0.0000	-1.3786	8.669544
3 Nov 21	87.710	87.710	9.5974	**7.2390**	0.0000	-2.3584	9.597447
4 Nov 21	66.930	66.930	7.3236	**7.2984**	0.0000	-0.0252	7.323647
5 Nov 21	69.040	69.040	7.5545	**6.8990**	0.0000	-0.6555	7.554529
6 Nov 21	83.690	83.690	9.1576	**7.2617**	0.0000	-1.8959	9.157568
7 Nov 21	73.830	73.830	8.0787	**7.2880**	0.0000	-0.7907	8.078663
8 Nov 21	69.390	69.390	7.5928	**7.2887**	0.0000	-0.3041	7.592827
9 Nov 21	68.130	68.130	7.4550	**7.2986**	0.0000	-0.1564	7.454954
10 Nov 21	66.670	66.670	7.2952	**7.2847**	0.0000	-0.0105	7.295198
11 Nov 21	66.660	66.660	7.2941	**6.8746**	0.0000	-0.4195	7.294103
12 Nov 21	66.290	66.290	7.2536	**6.9279**	0.0000	-0.3257	7.253617
13 Nov 21	66.490	66.490	7.2755	**6.3514**	0.0000	-0.9241	7.275502
14 Nov 21	64.680	64.680	7.0774	**7.0468**	0.0000	-0.0306	7.077447
15 Nov 21	65.120	65.120	7.1256	**6.9157**	0.0000	-0.2099	7.125593
16 Nov 21	65.260	65.260	7.1409	**6.8646**	0.0000	-0.2763	7.140912
17 Nov 21	63.450	63.450	6.9429	**6.9922**	0.0493	0.0000	6.9922
18 Nov 21	62.550	62.550	6.8444	**6.9545**	0.1101	0.0000	6.9545
19 Nov 21	61.790	61.790	6.7612	**6.8980**	0.1368	0.0000	6.898
20 Nov 21	61.060	61.060	6.6813	**6.8717**	0.1904	0.0000	6.8717
21 Nov 21	60.270	60.270	6.5949	**6.2718**	0.0000	-0.3231	6.594894
22 Nov 21	61.490	61.490	6.7284	**6.2903**	0.0000	-0.4381	6.728389
23 Nov 21	65.300	65.300	7.1453	**6.3092**	0.0000	-0.8361	7.145289
24 Nov 21	69.550	69.550	7.6103	**7.6490**	0.0387	0.0000	7.649
25 Nov 21	70.960	70.960	7.7646	**7.4981**	0.0000	-0.2665	7.76462
26 Nov 21	69.510	69.510	7.6060	**7.2122**	0.0000	-0.3938	7.605957
27 Nov 21	66.240	66.240	7.2481	**7.4316**	0.1835	0.0000	7.4316
28 Nov 21	62.130	62.130	6.7984	**6.8938**	0.0954	0.0000	6.8938
29 Nov 21	58.800	58.800	6.4340	**6.3324**	0.0000	-0.1016	6.434043
30 Nov 21	56.790	56.790	6.2141	**6.3062**	0.0921	0.0000	6.3062
1 Dec 21	58.360	58.360	6.3859	**5.9341**	0.0000	-0.4518	6.385897
2 Dec 21	59.100	59.100	6.4669	**5.8922**	0.0000	-0.5747	6.466869
3 Dec 21	58.860	58.860	6.4406	**6.3166**	0.0000	-0.1240	6.440608
4 Dec 21	57.650	57.650	6.3082	**6.2776**	0.0000	-0.0306	6.308207
5 Dec 21	56.150	56.150	6.1441	**5.9311**	0.0000	-0.2130	6.144073
6 Dec 21	56.470	56.470	6.1791	**5.9141**	0.0000	-0.2650	6.179088



7 Dec 21	54.130	54.130	5.9230	**5.9105**	0.0000	-0.0125	5.92304
8 Dec 21	52.940	52.940	5.7928	**5.9031**	0.1103	0.0000	5.9031
9 Dec 21	52.410	52.410	5.7348	**5.9029**	0.1681	0.0000	5.9029
10 Dec 21	51.230	51.230	5.6057	**5.6018**	0.0000	-0.0039	5.605714
11 Dec 21	51.610	51.610	5.6473	**5.5166**	0.0000	-0.1307	5.647295
12 Dec 21	52.070	52.070	5.6976	**5.4930**	0.0000	-0.2046	5.697629
13 Dec 21	51.380	51.380	5.6221	**5.5412**	0.0000	-0.0809	5.622128
14 Dec 21	50.500	50.500	5.5258	**5.5353**	0.0095	0.0000	5.5353
15 Dec 21	49.960	49.960	5.4667	**5.4964**	0.0297	0.0000	5.4964
16 Dec 21	50.180	50.180	5.4908	**6.8235**	1.3327	0.0000	6.8235
17 Dec 21	38.490	38.490	4.2117	**0.0369**	0.0000	-4.1748	4.211672
18 Dec 21	28.790	28.790	3.1503	**0.0000**	0.0000	-3.1503	3.150274
19 Dec 21	23.630	23.630	2.5857	**3.9142**	1.3285	0.0000	3.9142
20 Dec 21	41.420	41.420	4.5323	**5.7191**	1.1868	0.0000	5.7191
21 Dec 21	44.700	44.700	4.8912	**4.8629**	0.0000	-0.0283	4.891185
22 Dec 21	44.200	44.200	4.8365	**4.7661**	0.0000	-0.0704	4.836474
23 Dec 21	45.020	45.020	4.9262	**4.7129**	0.0000	-0.2133	4.926201
24 Dec 21	41.720	41.720	4.5651	**4.7093**	0.1442	0.0000	4.7093
25 Dec 21	43.460	43.460	4.7555	**4.6513**	0.0000	-0.1042	4.755502
26 Dec 21	43.090	43.090	4.7150	**4.6794**	0.0000	-0.0356	4.715015
27 Dec 21	42.690	42.690	4.6712	**4.5396**	0.0000	-0.1316	4.671246
28 Dec 21	42.950	42.950	4.6997	**4.5991**	0.0000	-0.1006	4.699696
29 Dec 21	43.150	43.150	4.7216	**4.6170**	0.0000	-0.1046	4.721581
30 Dec 21	46.840	46.840	5.1253	**4.6121**	0.0000	-0.5132	5.12535
31 Dec 21	46.100	46.100	5.0444	**4.9630**	0.0000	-0.0814	5.044377
1 Jan 22	43.130	43.130	4.7194	**4.6060**	0.0000	-0.1134	4.719392
2 Jan 22	42.600	42.600	4.6614	**4.6268**	0.0000	-0.0346	4.661398
3 Jan 22	41.590	41.590	4.5509	**4.6350**	0.0841	0.0000	4.635
4 Jan 22	42.610	42.610	4.6625	**4.6243**	0.0000	-0.0382	4.662492
5 Jan 22	41.260	41.260	4.5148	**4.0084**	0.0000	-0.5064	4.514772
6 Jan 22	40.600	40.600	4.4426	**4.1901**	0.0000	-0.2525	4.442553
7 Jan 22	39.980	39.980	4.3747	**4.0754**	0.0000	-0.2993	4.374711
8 Jan 22	40.230	40.230	4.4021	**4.0814**	0.0000	-0.3207	4.402067
9 Jan 22	40.110	40.110	4.3889	**4.0694**	0.0000	-0.3195	4.388936
10 Jan 22	40.180	40.180	4.3966	**4.2174**	0.0000	-0.1792	4.396596
11 Jan 22	39.930	39.930	4.3692	**5.0659**	0.6967	0.0000	5.0659
12 Jan 22	39.470	39.470	4.3189	**4.0840**	0.0000	-0.2349	4.318906
13 Jan 22	41.020	41.020	4.4885	**4.0798**	0.0000	-0.4087	4.488511
14 Jan 22	40.850	40.850	4.4699	**3.8992**	0.0000	-0.5707	4.469909
15 Jan 22	40.050	40.050	4.3824	**3.9070**	0.0000	-0.4754	4.382371
16 Jan 22	39.200	39.200	4.2894	**3.9692**	0.0000	-0.3202	4.289362
17 Jan 22	37.820	37.820	4.1384	**3.9485**	0.0000	-0.1899	4.138359
18 Jan 22	38.220	38.220	4.1821	**3.8267**	0.0000	-0.3554	4.182128

19 Jan 22	37.640	37.640	4.1187	**4.2492**	0.1305	0.0000	4.2492
20 Jan 22	36.620	36.620	4.0071	**3.9956**	0.0000	-0.0115	4.007052
21 Jan 22	37.200	37.200	4.0705	**3.7116**	0.0000	-0.3589	4.070517
22 Jan 22	38.400	38.400	4.2018	**3.7852**	0.0000	-0.4166	4.201824
23 Jan 22	38.640	38.640	4.2281	**3.7582**	0.0000	-0.4699	4.228085
24 Jan 22	38.010	38.010	4.1591	**3.9344**	0.0000	-0.2247	4.159149
25 Jan 22	36.930	36.930	4.0410	**3.8714**	0.0000	-0.1696	4.040973
26 Jan 22	37.040	37.040	4.0530	**3.8367**	0.0000	-0.2163	4.053009
27 Jan 22	36.770	36.770	4.0235	**3.7508**	0.0000	-0.2727	4.023465
28 Jan 22	36.760	36.760	4.0224	**3.8204**	0.0000	-0.2020	4.022371
29 Jan 22	36.750	36.750	4.0213	**3.8927**	0.0000	-0.1286	4.021277
30 Jan 22	36.180	36.180	3.9589	**3.6142**	0.0000	-0.3447	3.958906
31 Jan 22	35.760	35.760	3.9129	**3.6818**	0.0000	-0.2311	3.912948
1 Feb 22	36.610	36.610	4.0060	**3.5317**	0.0000	-0.4743	4.005957
2 Feb 22	36.610	36.610	4.0060	**3.5956**	0.0000	-0.4104	4.005957
3 Feb 22	36.260	36.260	3.9677	**3.7398**	0.0000	-0.2279	3.96766
4 Feb 22	36.630	36.630	4.0081	**3.8218**	0.0000	-0.1863	4.008146
5 Feb 22	45.130	45.130	4.9382	**4.6814**	0.0000	-0.2568	4.938237
6 Feb 22	41.850	41.850	4.5793	**4.6805**	0.1012	0.0000	4.6805
7 Feb 22	40.740	40.740	4.4579	**3.6805**	0.0000	-0.7774	4.457872
8 Feb 22	37.940	37.940	4.1515	**3.9684**	0.0000	-0.1831	4.151489
9 Feb 22	37.130	37.130	4.0629	**3.8489**	0.0000	-0.2140	4.062857
10 Feb 22	36.780	36.780	4.0246	**4.0031**	0.0000	-0.0215	4.024559
11 Feb 22	36.590	36.590	4.0038	**3.8675**	0.0000	-0.1363	4.003769
12 Feb 22	36.590	36.590	4.0038	**3.7059**	0.0000	-0.2979	4.003769
13 Feb 22	36.010	36.010	3.9403	**3.6261**	0.0000	-0.3142	3.940304
14 Feb 22	36.510	36.510	3.9950	**3.6508**	0.0000	-0.3442	3.995015
15 Feb 22	36.030	36.030	3.9425	**3.6542**	0.0000	-0.2883	3.942492
16 Feb 22	36.140	36.140	3.9545	**3.7786**	0.0000	-0.1759	3.954529
17 Feb 22	35.620	35.620	3.8976	**3.7441**	0.0000	-0.1535	3.897629
18 Feb 22	35.430	35.430	3.8768	**3.7664**	0.0000	-0.1104	3.876839
19 Feb 22	36.430	36.430	3.9863	**3.7429**	0.0000	-0.2434	3.986261

20 Feb 22	35.030	35.030	3.8331	**3.6459**	0.0000	-0.1872	3.83307
21 Feb 22	36.220	36.220	3.9633	**3.7197**	0.0000	-0.2436	3.963283
22 Feb 22	34.940	34.940	3.8232	**3.6220**	0.0000	-0.2012	3.823222
23 Feb 22	34.980	34.980	3.8276	**3.5929**	0.0000	-0.2347	3.827599
24 Feb 22	34.300	34.300	3.7532	**3.6330**	0.0000	-0.1202	3.753191
25 Feb 22	34.020	34.020	3.7226	**3.6194**	0.0000	-0.1032	3.722553
26 Feb 22	35.180	35.180	3.8495	**3.6055**	0.0000	-0.2440	3.849483
27 Feb 22	35.000	35.000	3.8298	**3.6389**	0.0000	-0.1909	3.829787
28 Feb 22	35.970	35.970	3.9359	**3.6228**	0.0000	-0.3131	3.935927
							0
1 Mar 22	36.180	36.180	3.9589	**3.6102**	0.0000	-0.3487	3.958906
2 Mar 22	38.500	38.500	4.2128	**4.0362**	0.0000	-0.1766	4.212766
3 Mar 22	36.640	36.640	4.0092	**3.8801**	0.0000	-0.1291	4.00924
4 Mar 22	38.400	38.400	4.2018	**3.9243**	0.0000	-0.2775	4.201824
5 Mar 22	38.610	38.610	4.2248	**3.9338**	0.0000	-0.2910	4.224802
6 Mar 22	36.730	36.730	4.0191	**3.8963**	0.0000	-0.1228	4.019088
7 Mar 22	44.930	44.930	4.9164	**4.3643**	0.0000	-0.5521	4.916353
8 Mar 22	46.190	46.190	5.0542	**4.9781**	0.0000	-0.0761	5.054225
9 Mar 22	49.300	49.300	5.3945	**5.2292**	0.0000	-0.1653	5.394529
10 Mar 22	48.000	48.000	5.2523	**5.0547**	0.0000	-0.1976	5.25228
11 Mar 22	53.390	53.390	5.8421	**5.3868**	0.0000	-0.4553	5.842067
12 Mar 22	51.910	51.910	5.6801	**5.4763**	0.0000	-0.2038	5.680122
13 Mar 22	48.890	48.890	5.3497	**5.2107**	0.0000	-0.1390	5.349666
14 Mar 22	49.640	49.640	5.4317	**5.3289**	0.0000	-0.1028	5.431733
15 Mar 22	55.470	55.470	6.0697	**6.1024**	0.0327	0.0000	6.1024
16 Mar 22	49.440	49.440	5.4098	**5.3960**	0.0000	-0.0138	5.409848
17 Mar 22	46.060	46.060	5.0400	**4.9100**	0.0000	-0.1300	5.04
18 Mar 22	51.820	51.820	5.6703	**5.0418**	0.0000	-0.6285	5.670274
19 Mar 22	57.000	57.000	6.2371	**5.7276**	0.0000	-0.5095	6.237082
20 Mar 22	52.990	52.990	5.7983	**5.8962**	0.0979	0.0000	5.8962
21 Mar 22	52.330	52.330	5.7261	**5.6264**	0.0000	-0.0997	5.726079
22 Mar 22	52.270	52.270	5.7195	**5.6843**	0.0000	-0.0352	5.719514
23 Mar 22	48.510	48.510	5.3081	**5.1264**	0.0000	-0.1817	5.308085
24 Mar 22	51.450	51.450	5.6298	**5.2347**	0.0000	-0.3951	5.629787
25 Mar 22	45.930	45.930	5.0258	**4.7215**	0.0000	-0.3043	5.025775
26 Mar 22	41.680	41.680	4.5607	**4.7116**	0.1509	0.0000	4.7116
27 Mar 22	42.240	42.240	4.6220	**4.0702**	0.0000	-0.5518	4.622006
28 Mar 22	43.830	43.830	4.7960	**4.2687**	0.0000	-0.5273	4.795988
29 Mar 22	52.300	52.300	5.7228	**5.1224**	0.0000	-0.6004	5.722796
30 Mar 22	51.290	51.290	5.6123	**5.6720**	0.0597	0.0000	5.672
31 Mar 22	51.110	51.110	5.5926	**5.6571**	0.0645	0.0000	5.6571
Total	**144.4202**	**79.5620**	**3177.6423**	**2576.35290**	**25.7051**	**-626.9945**	**3203.3474**

Outage of Kameng units for the year 2020-21 (Since COD)

Up-dated upto 31/03/2021

Project	unit	From Time mm/dd/yy hrs	To Time mm/dd/yy hrs	Duration in Hrs	Duration in Decimal Hrs	Loss based on RWL MU	Outage type	Reasons
Kameng	I	7/17/20 5:05	7/17/20 9:47	4:42:00	4.70	0.705	F	Operation GT differential relay & 400 KV Ballpara-Bongaigaon BNC-IV feeder also tripped at the same time.
	I	7/23/20 21:59	7/24/20 1:18	3:19:00	3.32	0.4975	F	Reverse Power alarm and HMC failure occurred.
	I	8/7/20 9:04	8/7/20 11:22	2:18:00	2.30	0.345	F	S/D for replacement of Heat Exchanger of DPU.
	I	8/21/20 10:04	8/21/20 15:58	5:54:00	5.90	0.885	F	S/D for maintenance.
	I	8/29/20 9:06	9/1/20 0:00	62:54:00	62.90	9.435	F	S/D for TGB vibration very high
		9/1/20 0:00	9/6/20 1:26	121:26:00	121.43	18.215		
	I	9/6/20 20:44	9/16/20 22:06	241:22:00	241.37	36.205	F	S/D for TGB vibration very high
	I	9/18/20 2:24	9/18/20 21:50	19:26:00	19.43	2.915	F	S/D for TGB high vibration.
	I	9/19/20 12:11	9/19/20 19:06	6:55:00	6.92	1.0375	F	S/D for tunning of vibration.
	I	10/8/20 12:18	10/8/20 14:28	2:10:00	2.17	0.325	F	Tripping of 400kV F-I
	I	10/14/20 4:47	10/14/20 6:21	1:34:00	1.57	0.235	F	MIV Closed Automatically
	I	10/16/20 9:52	10/16/20 14:19	4:27:00	4.45	0.6675	F	MIV Closed Automatically
	I	10/20/20 7:31	10/20/20 9:29	1:58:00	1.97	0.295	F	MIV Closed Automatically
	I	10/20/20 15:16	10/20/20 16:35	1:19:00	1.32	0.1975	F	MIV Closed Automatically
	I	11/18/20 8:14	11/20/20 1:49	41:35:00	41.58	0	F	System protection checking and precommissioning activities of U-III & IV.
	I	12/13/20 11:48	12/13/20 12:55	1:07:00	1.12	0	F	Overspeed.
	I	12/23/20 10:05	12/23/20 15:09	5:04:00	5.07	0	F	S/D for SSB works.
	I	12/28/20 18:08	12/28/20 19:48	1:40:00	1.67	0	F	Reverse power due to sudden MIV closing.
	I	1/16/21 13:05	1/16/21 16:28	3:23:00	3.38	0	F	Telemetry Simulation checking fault
	I	1/16/21 17:18	1/16/21 18:55	1:37:00	1.62	0	F	Governor position fluctuation
	I	2/1/21 17:45	2/1/21 17:57	0:12:00	0.20	0	F	Reverse power
	I	2/4/21 18:13	2/6/21 0:00	29:47:00	29.78	0	F	S/D for high vibration and high temperature of TGB pad
	I	2/6/21 0:00	2/21/21 13:21	373:21:00	373.35	0	P	APM works
	I	2/21/21 13:39	3/1/21 0:00	178:21:00	178.35	0	F	LGB Pad temperature high problem (S/D Contd).
		3/1/21 0:00	4/1/21 0:00	744:00:00	744.00	21.6		
	I			0:00:00	0.00		F	
	II	7/17/20 5:05	7/17/20 12:04	6:59:00	6.98	1.0475	F	Operation GT differential relay & 400 KV Ballpara-Bongaigaon BNC-IV feeder also tripped at the same time.
	II	8/1/20 23:19	8/2/20 1:48	2:29:00	2.48	0.3725	F	Tripped for operation of GT protection relay.
	II	8/4/20 10:16	8/4/20 11:36	1:20:00	1.33	0.2	F	TGB pad temperature very high.
	II	8/6/20 7:26	8/6/20 9:03	1:37:00	1.62	0.2435	F	Turbine Guide bearing temperature very high.
	II	8/18/20 23:16	8/19/20 3:29	4:13:00	4.22	0.6325	F	Tripped due to malfunctioning at EHGC panel.
	II	8/30/20 13:23	8/30/20 15:28	2:05:00	2.08	0.3125	F	EHGC Relay K127 malfunction
	II	9/9/20 22:19	9/10/20 4:10	5:51:00	5.85	0.8775	F	LGB temperature high
	II	10/8/20 12:18	10/8/20 16:13	3:55:00	3.92	0.5875	F	Tripping of 400kV F-I
	II	11/3/20 12:30	11/5/20 13:47	49:17:00	49.28	0	F	UAT O/C relay operated & S/D for Checking of Unit Auxiliary Board
	II	11/18/20 8:08	11/20/20 1:49	41:41:00	41.68	0	F	System protection checking and precommissioning activities of U-III & IV.
	II	11/20/20 1:49	11/20/20 14:21	12:32:00	12.53	1.88	F	LGB pad temperature high.
	II	11/22/20 23:09	12/1/20 0:00	192:51:00	192.85	25.2	F	S/D for failure of B-Phase Generator Transformer.
		12/1/20 0:00	12/10/20 23:48	239:48:00	239.80	35.97		
	II	12/30/20 16:55	12/30/20 17:23	0:28:00	0.47		F	GT overheat differential protection
	II	12/30/20 18:22	12/30/20 20:01	1:39:00	1.65		F	Testing of GT phase-B
	II	1/21/21 15:03	1/21/21 17:23	2:20:00	2.33		F	To conduct OCC test of U-III.
	II	3/1/21 0:00	3/9/21 12:45	204:45:00	204.75		P	APM works
	II	3/25/21 22:05	4/1/21 0:00	145:55:00	145.92	21.6	F	S/D for Lower Guide bearing & thrust bearig temp very high (S/D Contd)
	II			0:00:00	0.00		F	
	III	3/22/21 10:15	4/1/21 0:00	229:45:00	229.75	21.6	F	S/D for Penstock checking (S/D Contd)
	III				0.00		F	
	IV	2/26/21 10:34	2/26/21 16:52	6:18:00	6.30		F	TGB pad temperature very high
	IV	3/19/21 15:06	3/19/21 15:28	0:20:00	0.33		F	Tripped for 86MV auxiliaries relay operated
	IV	3/22/21 10:15	4/1/21 0:00	229:45:00	229.75	21.6	F	S/D for Penstock checking (S/D Contd)
	IV			0:00:00	0.00		F	
					225.6825			

Planned & Forced Outage of MEEPCO units for the year 2021-22

Up-dated upto 31/03/2022

Project	Unit	From Time mm/dd/yy hrs	To Time mm/dd/yy hrs	Duration in Hrs	Duration in Decimal Hrs	Loss based on RBDL MU	Outage type. P=Forced P=Planned	Reasons
Kameng HPS	Unit # I	4/1/21 0:00	4/18/21 13:10	421:10:00	421.17	29.65	F	S/D for LGB pad temperature very high problem (S/D from 21/02/2021
		5/15/21 17:37	5/15/21 18:02	0:25:00	0.42	0	F	Tripped for low forward power.
		5/28/21 9:37	5/28/21 13:51	4:14:00	4.23	0.635	F	GT overhead differential protection relay operated.
		7/29/21 8:05	8/1/21 0:00	63:55:00	63.92	9.5875	F	S/D for rectification of Guide Vanes link pin.
		8/1/21 0:00	8/31/21 2:48	722:48:00	722.80	108.42	F	
		8/1/21 8:04	8/1/21 13:05	5:01:00	5.02	0.7525	F	High TGB vibration
		9/6/21 2:40	9/6/21 4:55	2:19:00	2.32	0.3475	F	Malfunctioning of speed transducer
		9/24/21 14:51	9/25/21 15:54	25:03:00	25.05	3.7575	F	High vibration following tripping of the machine due to Kameng - Balipara Line-2.
		10/29/21 16:06	10/29/21 14:10	4:04:00	4.07	0.61	F	S/D to establish Rear Port Communication of Relay.
		11/27/21 13:07	11/27/21 13:46	0:39:00	0.65	0	F	Stator core winding temperture high alarm & Malfunction of Multiplier
		12/17/21 0:00	12/19/21 9:41	57:41:00	57.68	0	F	S/D for inspection of ADIT-II leakage
		12/19/21 9:41	12/19/21 15:52	6:11:00	6.18	0.9275	F	Low insulation resistance value of bus duct
		12/27/21 14:02	12/27/21 17:03	3:01:00	3.02	0	F	Tripped for spike in stator winding (RTD Temp. Malfunction)
		3/15/22 15:45	3/15/22 16:13	0:28:00	0.47	0	F	To facilitate vibration data collection
		3/16/22 12:19	3/16/22 12:40	0:21:00	0.35	0	F	To facilitate vibration data collection
		3/30/22 0:00	4/1/22 0:00	48:00:00	48.00	0	P	APM works (S/D contd)
				0:00:00			F	
	Unit # II	4/1/21 0:00	4/8/21 22:22	190:22:00	190.37	25.2	F	S/D for Lower Guide bearing & thrust bearig temp very high (S/D from 25/03/2021)
		4/9/21 9:33	4/9/21 11:23	1:50:00	1.83	0	F	High thrust pad temperature
		4/12/21 10:06	4/13/21 11:53	1:46:00	1.77	0	F	S/D for cleaning of HS filter
		4/13/21 8:19	4/13/21 15:46	6:27:00	6.45	0	F	S/D for cleaning of HS filter
		5/12/21 22:35	6/1/21 0:00	457:25:00	457.42	10.5321	F	S/D for high vibration of TGB.
		6/1/21 0:00	6/20/21 17:15	473:15:00	473.25	19.13	F	
		6/20/21 17:59	6/23/21 20:57	74:58:00	74.97	11.245	F	S/D for high LGB temperature problem/ high TGB vibration.
		6/26/21 13:26	6/26/21 17:18	3:52:00	3.87	0	F	Thrust pad temperature high
		6/26/21 18:12	6/26/21 19:53	1:41:00	1.68	0	F	H.S. Pump pressure drop
		6/28/21 19:58	6/30/21 16:26	44:28:00	44.47	6.67	F	S/D for LGB temperature very high.
		6/30/21 17:03	6/30/21 19:08	2:05:00	2.08	0.3125	F	Thrust pad tempereture high.
		7/5/21 17:36	7/5/21 20:31	2:55:00	2.92	0.4375	F	Bad analog signal of Speed Transducer
		7/5/21 20:33	7/6/21 0:07	3:39:00	3.48	0.5225	F	mal-operation of Speed Transducer.
		7/25/21 8:07	7/25/21 13:38	5:29:00	5.48	0.8225	F	S/D for spark discharge observed at slip rings and high TGB vibration.
		8/11/21 2:01	8/11/21 6:02	4:01:00	4.02	0.6025	F	Malfunction of 86 A1/A2 relay
		8/11/21 15:03	8/11/21 16:41	1:38:00	1.63	0.245	F	S/D for HMC Filter Cleaning/Pressure adjustment.
		9/2/21 10:03	9/3/21 12:37	2:34:00	2.57	0.385	F	S/Dfor cleaning of Slip rings and Carbon brushes
		9/10/21 10:01	9/10/21 12:20	2:19:00	2.32	0.3475	F	Rotor Slip Ring and Carbon Brush cleaning
		9/19/21 10:05	9/19/21 12:26	2:21:00	2.35	0.3525	F	S/D for cleaning of Slip rings and Carbon brushes
		9/24/21 14:51	9/24/21 20:42	5:51:00	5.85	0.8775	F	Tripping of Kameng - Balipara Line-2
		9/30/21 8:36	9/30/21 15:19	6:43:00	6.72	1.0075	F	S/D to attend leakage in Spiral Pressure Transducer Pipeline
		10/3/21 1:17	10/3/21 3:01	1:44:00	1.73	0.26	F	Excitation Card malfunction
		10/8/21 12:03	10/8/21 13:46	1:43:00	1.72	0.2575	F	S/D for cleaning of Slip rings and Carbon brushes.
		10/19/21 10:09	10/19/21 12:22	2:13:00	2.22	0.3325	F	S/D for cleaning of Slip rings and Carbon brushes
		10/21/21 11:06	10/21/21 14:05	2:57:00	2.95	0.4425	F	Thorough checking of rotor, cleaning of Slip rings and Carbon brushes
		10/28/21 9:34	10/28/21 18:35	9:01:00	9.02	1.3525	F	Slip rings and Carbon brushes cleaning, attending leakage in Spiral Pressure Transducer System Pipelines
		11/5/21 11:03	11/5/21 13:00	1:57:00	1.95	0	F	S/D for cleaning of Slip rings and Carbon brushes
		11/11/21 10:03	11/11/21 12:44	2:41:00	2.68	0	F	S/D for cleaning of Slip rings and Carbon brushes
		12/17/21 0:07	12/19/21 9:41	57:34:00	57.57	0	F	S/D for inspection of ADIT-II leakage
		12/19/21 9:41	12/19/21 13:53	4:12:00	4.20	0.63	F	Low Insulation resistance value of bus duct
		3/15/22 12:21	3/15/22 15:34	3:13:00	3.22	0	F	To facilitate vibration data collection
				0:00:00			F	
	Unit # III	4/1/21 0:00	5/1/21 0:00	720:00:00	720.00	29.8875	F	S/D for Penstock checking (S/D from 22/03/2021)
		5/1/21 0:00	5/13/21 0:00	288:00:00	288.00	0	F	
		5/13/21 0:00	5/14/21 14:03	38:03:00	38.05	5.3525	F	S/D for Busduct IR value low.
		6/8/21 17:59	6/8/21 21:25	3:26:00	3.43	0.515	F	S/D to attend GV Servomotor Oil Leakage.
		6/17/21 23:11	6/18/21 0:53	1:42:00	1.70	0.255	F	Smoke observed from flange joint of conservator to LV bushing of pipe line of B-phase GT
		6/18/21 8:32	6/19/21 18:27	33:50:00	33.83	5.075	F	S/D for B-phase GT problem
		6/19/21 20:31	6/19/21 21:22	0:51:00	0.85	0.1275	F	Problem in GT
		7/7/21 12:10	7/7/21 13:54	1:44:00	1.73	0.26	F	HMC EHT Filter Cleaning.
		7/21/21 14:56	7/21/21 22:35	7:39:00	7.65	1.1475	F	R-Phase Generating Transformer's PRV operated.
		8/11/21 10:10	8/11/21 13:05	2:55:00	2.92	0.4375	F	S/D for HS Pump filter cleaning work
		8/17/21 10:32	8/17/21 12:09	1:37:00	1.62	0.2425	F	S/D for HS pump filter cleaning.
		8/16/21 15:07	9/1/21 0:00	320:58:00	320.97	48.145	F	S/D for labyrinth problem
		9/1/21 0:00	9/29/21 16:44	690:44:00	690.73	103.61	F	
		9/30/21 15:36	9/30/21 17:55	2:19:00	2.32	0.3475	F	S/D to attend leakage through DT Gate of Unit-IV.
		10/1/21 15:04	10/1/21 17:26	2:22:00	2.37	0.355	F	S/D to attend leakage through DT Gate of Unit-IV.
		10/2/21 10:05	10/2/21 13:19	3:14:00	3.23	0.485	F	S/D to attend leakage through DT Gate of Unit-IV.
		10/3/21 11:04	10/3/21 14:08	3:04:00	3.07	0.46	F	S/D to attend leakage through DT Gate of Unit-IV.
		10/4/21 12:03	10/4/21 15:17	3:14:00	3.23	0.485	F	S/D to attend leakage through DT Gate of Unit-IV.
		10/5/21 10:05	10/5/21 11:20	1:15:00	1.25	0.1875	F	S/D to attend leakage through DT Gate of Unit-IV.
		10/15/21 8:06	11/1/21 0:00	327:54:00	327.90	49.185	F	S/D for labyrinth problem
		11/1/21 0:00	11/14/21 19:19	331:19:00	331.32	8.1475	F	
		11/15/21 23:22	11/16/21 16:24	17:02:00	17.03	0	F	HS Pump failure leading to High Temp. of LGB Pad.
		12/17/21 0:15	12/19/21 9:41	57:26:00	57.43	3.2925	F	S/D for inspection of ADIT-II leakage
		12/19/21 9:41	12/19/21 15:43	6:02:00	6.03	0.905	F	Low Insulation resistance value of bus duct
		3/7/22 0:00	3/21/22 19:30	355:30:00	355.50	0	F	S/D for DGA report of R-ph Generator Transformer is very much higher side
	Unit # IV	4/1/21 0:00	5/1/21 0:00	720:00:00	720.00	29.8875	F	S/D for Penstock checking (S/D from 22/03/2021)
		5/1/21 0:00	5/12/21 19:08	283:08:00	283.13	0	F	
		5/17/21 15:46	5/18/21 18:37	26:51:00	26.85	0	F	S/D for stator earth fault.
		5/21/21 5:14	5/21/21 12:16	7:02:00	7.03	0	F	Malfuctioning of K0.62 relay.
		6/26/21 5:24	7/1/21 0:00	114:36:00	114.60	11.55	F	S/D for rotor earth fault problem.
		7/1/21 0:00	7/1/21 18:11	18:11:00	18.18	2.7275	F	
		7/21/21 10:02	7/21/21 13:01	2:59:00	2.98	0.4475	F	S/D for attending spark discharge observed at slip rings
		7/29/21 16:14	7/29/21 18:55	2:41:00	2.68	0.4025	F	Rotor Earth fault.
		8/10/21 12:07	8/10/21 14:51	2:44:00	2.73	0.41	F	S/D for HS Pump filter cleaning work.
		8/25/21 18:22	8/25/21 20:43	2:21:00	2.35	0.3525	F	Tripped for Rotor Earth fault
		8/28/21 18:56	8/28/21 21:00	2:04:00	2.07	0.31	F	Excitation Card fault.
		9/7/21 10:04	9/7/21 12:12	2:08:00	2.13	0.32	F	U-IV (10.04 hrs to 12:12 hrs) for cleaning of Slip rings and Carbon brushes
		9/9/21 7:07	9/9/21 15:00	7:53:00	7.92	1.1875	F	S/D to attend water leakage through pilot ring and discharge ring coupling studs & to attend fluctuating EHT pressure of Governor
		9/18/21 22:35	10/1/21 0:00	265:25:00	265.42	39.8125	F	S/D for labyrinth problem (S/D Contd)
		10/1/21 0:00	11/1/21 0:00	744:00:00	744.00	80.815	F	
		11/1/21 0:00	12/1/21 0:00	720:00:00	720.00	8.1475	F	
		12/1/21 0:00	1/1/22 0:00	744:00:00	744.00	4.38	F	
		3/1/22 0:00	3/15/22 15:32	351:32:00	351.53	0	F	
				0:00:00	0.00		F	
						676.1675		

Planned & Forced Outage of Kameng units for the year 2022-23 **Up-dated upto 31/03/2023**

Project	Unit	From unit	From Time dd/mm/yy hrs	To Time dd/mm/yy hrs	Duration in Hrs	Duration in Decimal Hrs	Loss based on RWL MU	Outage type	Reasons
Kameng	Unit # I	I	4/1/22 0:00	5/1/22 0:00	720:00:00	720.00	86.4000	P	APM works (S/D was from 30/03/2022)
		I	5/1/22 0:00	5/20/22 22:17	478:17:00	478.28	15.4500		
		I	5/21/22 9:44	5/21/22 16:09	6:25:00	6.42	0.0	F	Stator earth fault.
		I	7/16/22 8:06	7/16/22 16:08	8:02:00	8.03	0.0	F	S/D for maintenance of runner aeration valve.
		I	7/29/22 10:08	7/29/22 12:03	1:55:00	1.92	0.2875	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		I	8/17/22 9:05	8/17/22 12:55	4:50:00	4.83	0.7250	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		I	9/5/22 8:05	9/5/22 14:54	6:49:00	6.82	1.0225	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		I	9/6/22 12:59	9/6/22 14:38	1:39:00	1.65	0.2475	F	UGB Auxilliary Relay Failure.
		I	9/11/22 10:33	9/11/22 11:14	0:41:00	0.68	0.1025	F	UAB Supply Failure.
		I	9/21/22 9:04	9/21/22 11:55	2:51:00	2.85	0.0	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		I	10/2/22 10:06	10/2/22 13:00	2:54:00	2.90	0.0	F	S/D for Cleaning of Slip Ring and Carbon Brushes.
		I	10/19/22 17:06	10/19/22 18:06	1:00:00	1.00	0.0	F	Problem in HMC Governor
		I	10/19/22 18:09	10/19/22 18:33	0:33:00	0.55	0.0	F	Malfunctioning of Auxiliary relay during changeover from SSB to UAT
		I	10/19/22 18:33	10/19/22 19:01	0:28:00	0.47	0.0	F	Low forward power
		I	10/20/22 16:33	10/20/22 17:32	0:59:00	0.98	0.0	F	Low forward power
		I	10/21/22 16:22	10/21/22 16:38	0:16:00	0.27	0.0	F	Low forward power
		I	10/26/22 9:03	10/26/22 17:31	8:28:00	8.47	1.2700	F	Cleaning of heat exchanger.
		I	11/17/22 16:59	11/17/22 17:17	0:18:00	0.30	0.0	F	Low forward power.
		I	11/18/22 5:49	11/18/22 6:11	0:22:00	0.37	0.0	F	Low forward power.
		I	11/19/22 18:07	11/19/22 19:25	1:18:00	1.30	0.0	F	Abnormal audible humming sound.
		I	11/20/22 17:00	11/21/22 16:44	23:44:00	23.73	0.0	F	S/D for investigating abnormal audible humming sound
		I	11/23/22 5:53	11/23/22 6:00	0:07:00	0.12	0.0	F	Low forward power
		I	11/30/22 12:07	11/30/22 12:30	0:23:00	0.38	0.0	F	Facilitated Vibration data collection of barrel concrete.
		I	12/10/22 0:00	1/1/23 0:00	528:00:00	528.00	0.0	P	Planned S/D for modification of turbine and generator components (S/O Contd.)
		I	1/1/23 0:00	2/1/23 0:00	744:00:00	744.00	0.0		
		I	2/1/23 0:00	3/1/23 0:00	672:00:00	672.00	0.0		
		I	3/1/23 0:00	4/1/23 0:00	744:00:00	744.00	0.0		
		I			0:00:00	0.00		F	
	Unit # II	II	4/6/22 8:05	4/20/22 0:00	327:55:00	327.92	46.8000	F	S/D of the Power Station for rectification of Spillage through Adit II Plug
		II	4/20/22 0:00	5/1/22 0:00	264:00:00	264.00	39.6000	P	APM works
		II	5/1/22 0:00	5/10/22 14:52	230:52:00	230.83	15.4900		
		II	6/6/22 7:09	6/6/22 12:53	5:44:00	5.73	0.0	F	S/D for sudden drop of DSL.
		II	6/14/22 10:36	6/14/22 12:32	1:56:00	1.93	0.2900	F	Cleaning of Slip rings and Carbon brushes
		II	6/14/22 18:05	6/14/22 20:49	2:44:00	2.73	0.4100	F	Thrust bearing temperature very high.
		II	6/16/22 1:43	6/16/22 2:16	0:33:00	0.55	0.0825	F	Thrust Pad temperature high
		II	6/16/22 3:11	6/16/22 21:28	18:17:00	18.28	2.7425	F	Thrust Pad temperature high
		II	6/16/22 22:51	7/1/22 0:00	337:09:00	337.15	50.5725	F	S/D for low HS Pressure and high thrust pad temp
		II	7/1/22 0:00	7/10/22 11:45	227:45:00	227.75	34.1625		
		II	7/27/22 10:06	7/27/22 11:44	1:38:00	1.63	0.2450	F	S/D for cleaning of the Slip rings, Carbon brushes
		II	8/5/22 10:07	8/5/22 12:54	2:47:00	2.78	0.4170	F	S/D for Cleaning of Slip Ring and Carbon Brush.
		II	8/16/22 8:05	8/16/22 13:55	5:50:00	5.83	0.8750	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		II	9/7/22 8:06	9/7/22 14:54	6:48:00	6.80	1.0200	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		II	9/20/22 9:04	9/20/22 12:03	2:59:00	2.98	0.4475	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		II	9/30/22 10:05	9/30/22 12:48	2:42:00	2.70	0.4050	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		II	10/3/22 8:55	10/3/22 16:44	7:49:00	7.82	0.0	F	S/D for Cleaning of Slip Ring and Carbon Brushes.
		II	10/8/22 10:06	10/8/22 13:00	2:51:00	2.85	0.4275	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		II	10/12/22 2:42	10/12/22 8:52	6:10:00	6.17	0.0	F	GT differential relay operated.
		II	10/26/22 9:09	10/26/22 17:41	8:32:00	8.53	1.2800	F	Cleaning of heat exchanger.
		II	11/16/22 17:44	11/17/22 16:25	22:41:00	22.68	0.0	F	S/D for leakage of water from aeration valve
		II	11/29/22 12:12	11/29/22 16:31	4:19:00	4.32	0.0	F	Facilitated Vibration data collection of barrel concrete.
		II	12/1/22 0:00	12/27/22 20:21	644:21:00	644.35	0.0	P	APM works
		II	1/26/23 16:54	1/26/23 17:05	0:11:00	0.18	0.0	F	Tripped due to low forward power trip
		II	2/4/23 17:53	2/4/23 20:55	3:02:00	3.03	0.0	F	S/D for audible abnormal sound, high vibration and temperature of TGB
		II	2/23/23 18:45	2/23/23 18:58	1:33:00	1.55	0.0	F	Unit Auxiliary Relay problem
		II	2/25/23 15:29	2/25/23 16:45	1:16:00	1.27	0.0	F	S/D for Cleaning of Slip Rings and Carbon Brushes
		II			0:00:00	0.00		F	
	Unit # III	III	4/6/22 7:49	5/1/22 0:00	592:11:00	592.18	88.4000	F	S/D of the Power Station for rectification of Spillage through Adit II Plug
		III	5/3/22 9:06	5/4/22 15:43	87:43:00	87.72	13.1575		
		III	6/7/22 7:06	6/7/22 18:03	10:57:00	10.95	1.6425	F	S/D for degassing from R-phase GT.
		III	7/4/22 10:05	7/4/22 13:24	3:19:00	3.32	0.4975	F	Slip rings and carbon brushes cleaning
		III	8/18/22 8:05	8/18/22 14:15	6:10:00	6.17	0.9250	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		III	9/16/22 9:05	9/16/22 11:57	2:52:00	2.87	0.4300	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		III	9/27/22 9:04	9/27/22 16:59	7:55:00	7.92	1.1875	F	S/D for High Vibration at UGB.
		III	9/29/22 4:06	9/29/22 15:05	34:59:00	34.98	5.2475	F	S/D for High Vibration at UGB
		III	10/5/22 10:06	10/5/22 10:39	0:31:00	0.52	0.0775	F	EHGC Aux Relay supply failed.
		III	10/8/22 9:11	10/8/22 12:48	3:37:00	3.62	0.0	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		III	11/7/22 14:35	11/7/22 18:16	3:41:00	3.68	0.0	F	S/D for Cleaning of Slip Rings and Carbon Brushes for sudden drop of IH valve.
		III	1/15/23 17:39	1/16/23 12:00	18:21:00	18.35	0.0	F	S/D for high vibration of UGB
		III	1/24/23 15:45	1/24/23 17:20	1:35:00	1.58	0.0	F	Synchronisation delayed for High UGB Vibration
		III	2/3/23 11:22	2/3/23 20:10	8:48:00	8.80	0.0	F	S/D for UGB high vibration
		III	2/15/23 0:00	3/1/23 0:00	336:00:00	336.00	0.0	P	APM Works
		III	3/1/23 0:00	3/30/23 16:20	712:20:00	712.33	0.0		
		III			0:00:00	0.00		F	
	Unit # IV	IV	4/6/22 8:05	5/1/22 0:00	591:55:00	591.92	88.4000	F	S/D of the Power Station for rectification of Spillage through Adit II Plug
		IV	5/1/22 0:00	5/1/22 19:32	19:32:00	19.53	2.9300		
		IV	5/3/22 4:41	5/3/22 5:50	1:09:00	1.15	0.1725	F	Generator rotor winding temp very high
		IV	5/17/22 6:53	5/17/22 8:00	1:07:00	1.12	0.0	F	Governor DC supply failure
		IV	6/16/22 11:06	6/16/22 13:38	2:32:00	2.53	0.3800	F	Slip Ring & Carbon brush cleaning
		IV	6/23/22 10:04	6/23/22 14:30	4:26:00	4.43	0.6650	F	Slip Ring and Carbon Brush Cleaning
		IV	6/23/22 14:30	6/23/22 16:36	2:06:00	2.10	0.3150	F	Delayed for starting problem of Auxiliaries
		IV	6/30/22 10:06	6/30/22 13:07	3:01:00	3.02	0.4525	F	S/D to attend leakage at OPU's nitrogen banks.
		IV	7/9/22 10:07	7/9/22 12:56	2:49:00	2.82	0.4225	F	Slip Ring and Carbon Brush Cleaning
		IV	7/10/22 1:46	7/10/22 5:51	4:05:00	4.08	0.6125	F	High TGB pad/oil temperature & 24 Volt DC Governor supply failed
		IV	7/26/22 10:06	7/26/22 12:43	2:37:00	2.62	0.3925	F	S/D for cleaning of Slip Ring and Carbon brushes
		IV	8/9/22 10:03	8/9/22 13:00	2:57:00	2.95	0.4475	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		IV	8/20/22 8:06	8/20/22 14:17	6:11:00	6.18	0.9275	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		IV	9/3/22 9:08	9/3/22 11:52	2:44:00	2.73	0.4100	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		IV	9/12/22 8:04	9/12/22 13:38	5:34:00	5.57	0.8350	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		IV	10/1/22 10:07	10/1/22 12:47	2:40:00	2.67	0.4000	F	S/D for Cleaning of Slip Ring and Carbon Brushes.
		IV	10/11/22 10:07	10/11/22 13:11	3:04:00	3.07	0.0	F	S/D for Cleaning of Slip Ring and Carbon Brushes.
		IV	10/26/22 17:42	10/26/22 18:50	1:10:00	1.17	0.1750	F	Cleaning of heat exchanger.
		IV	10/31/22 17:00	10/31/22 17:32	0:32:00	0.53	0.0	F	Delayed for abnormal sound from bypass valve.
		IV	11/29/22 11:51	11/29/22 12:04	0:13:00	0.22	0.0	F	Facilitated Vibration data collection of barrel concrete.
		IV	11/30/22 12:39	11/30/22 16:41	4:02:00	4.03	0.0	F	Facilitated Vibration data collection of barrel concrete.
		IV	1/2/23 0:00	1/11/23 15:48	231:48:00	231.80	0.0	P	APM works
		IV	1/11/23 17:47	1/12/23 14:07	20:20:00	20.33	0.0	F	S/D for high LGB Vibration.
		IV			0:00:00	0.00		F	
						586.2300			

Planned & Forced Outage of Kameng units for the year 2023-24 *Up-dated upto 31/03/2024*

Projec	Unit	From		To		Duration in Decimal Hrs	Loss based on RWL MU	Outage type	Reasons
		unit	Time mm/dd/yy hrs	Time mm/dd/yy hrs	Duration in Hrs				
Kameng	Unit # I	I	4/1/23 0:00	5/1/23 0:00	720:00:00	720.00	0.0000	P	Planned S/D for modification of turbine and generator components (S/D from 10/12/2023)
		I	5/1/23 0:00	6/1/23 0:00	744:00:00	744.00	0.0000		
		I	6/1/23 0:00	7/1/23 0:00	720:00:00	720.00	38.1575		
		I	7/1/23 0:00	7/6/23 17:27	137:27:00	137.45	20.6175		
		I	7/14/23 8:06	7/14/23 18:57	10:51:00	10.85	1.6275	F	S/D for checking of bearings as per recommendation of OEM.
		I	7/30/23 11:06	7/30/23 13:57	2:51:00	2.85	0.4275	F	Cleaning of Slip Ring and Carbon Brushes.
		I	8/1/23 10:58	8/1/23 12:22	1:24:00	1.40	0.2100	F	Governor abnormalities observed.
		I	8/16/23 9:03	8/16/23 12:44	3:41:00	3.68	0.5525	F	S/D for cleaning of Slip Ring and Carbon Brush.
		I	9/14/23 10:07	9/14/23 13:11	3:04:00	3.07	0.4600	F	S/D for cleaning of slip rings & carbon brushes
		I	9/14/23 13:11	9/14/23 13:58	0:47:00	0.78	0.1175	F	Low Forward Power Trip due to governor issue
		I	9/20/23 4:00	9/21/23 0:00	20:00:00	20.00	3.0000	F	Oil leakage from hydraulic over speed device & high LGB vibration after Grid failure at 02:55 of 20/09/2023
		I	9/21/23 0:00	10/1/23 0:00	240:00:00	240.00	36.0000	F	High LGB vibration after Grid failure at 02:55 of 20/09/2023
		I	10/1/23 0:00	10/5/23 15:42	111:42:00	111.70	16.7550		
		I	12/5/23 16:45	12/5/23 17:12	0:27:00	0.45	0.0000	F	HP Pump oil leakage
		I	1/3/24 15:30	1/3/24 15:47	0:17:00	0.28	0.0000	F	Delay in synchronisation for Governor problem.
		I	2/22/24 16:30	2/22/24 16:52	0:22:00	0.37	0.0000	F	Low forward power.
		I	2/23/24 16:30	2/23/24 16:43	0:13:00	0.22	0.0000	F	Low forward power.
		I	2/27/24 16:00	2/27/24 16:29	0:29:00	0.48	0.0000	F	Low forward power.
		I	3/15/24 17:19	3/15/24 18:00	0:41:00	0.68	0.0000	F	Sparking observed at B-phase GT of U-III (during excitation)
		I			0:00:00	0.00		F	
	Unit # II	II	4/2/23 12:45	4/2/23 16:18	3:33:00	3.55	0.0000	F	S/D for checking of UGB Vibration
		II	4/11/23 17:15	4/11/23 19:14	1:59:00	1.98	0.0000	F	Burning of breaker module at UAB of MIV OPU
		II	6/15/23 8:06	6/15/23 13:52	5:46:00	5.77	0.8650	F	S/D for leakage of water from aeration valve.
		II	6/21/23 12:41	6/21/23 14:17	1:36:00	1.60	0.2400	F	S/D for leakage of water from aeration valve
		II	6/23/23 9:04	6/23/23 11:20	2:16:00	2.27	0.3400	F	S/D for aeration valve leakage repair work
		II	6/25/23 1:07	6/25/23 15:18	14:11:00	14.18	2.1275	F	S/D for thrust pad temperature high alarm due to failure of treated cooling water system.
		II	8/1/23 9:05	8/1/23 10:50	1:45:00	1.75	0.2625	F	Cleaning of Slip Ring and Carbon Brushes.
		II	8/23/23 8:05	8/23/23 18:03	9:58:00	9.97	1.4950	F	S/D to clean out the clogged heat exchanger.
		II	9/20/23 4:00	9/20/23 12:50	8:50:00	8.83	1.3250	F	Damage of mechanical overspeed device after Grid failure at 02:55 hrs
		II	10/6/23 22:33	10/7/23 1:21	2:48:00	2.80	0.4200	F	S/D for cleaning of slip rings and carbon brushes.
		II	10/8/23 9:03	10/8/23 14:57	5:54:00	5.90	0.8850	F	S/D to attend water leakage through aeration valve.
		II	10/8/23 19:04	10/8/23 21:38	2:34:00	2.57	0.3850	F	S/D to attend water leakage through aeration valve.
		II	11/27/23 0:00	12/1/23 0:00	96:00:00	96.00	0.0000	P	APM works (S/D Contd.)
		II	12/1/23 0:00	12/6/23 20:19	140:19:00	140.32	0.0000		
		II	12/6/23 20:25	12/6/23 22:38	2:13:00	2.22	0.0000	F	Preparation for Test Synchronization.
		II	2/4/24 17:00	2/6/24 10:22	41:22:00	41.37	0.0000	F	Distributed Processing unit (DPU) card failure.
		II	3/15/24 17:19	3/15/24 19:31	2:12:00	2.20	0.0000	F	Sparking observed at B-phase GT of U-III (during excitation)
		II	3/28/24 0:16	3/28/24 0:38	0:22:00	0.37	0.0000	F	Excitation stage III fault
		II			0:00:00	0.00		F	
	Unit # III	III	6/20/23 9:04	6/20/23 12:15	3:11:00	3.18	0.4775	F	S/D for cleaning of slip rings and carbon brushes.
		III	6/24/23 22:48	6/25/23 11:22	12:42:00	12.70	1.9050	F	S/D for failure of treated cooling water system
		III	7/6/23 9:04	7/6/23 12:19	3:15:00	3.25	0.4875	F	S/D for Cleaning of Slip Ring & Carbon Brush
		III	7/16/23 9:04	7/16/23 11:57	2:53:00	2.88	0.4325	F	S/D for cleaning of Slip rings & Carbon brushes
		III	7/22/23 12:57	7/22/23 18:56	5:59:00	5.98	0.8975	F	S/D to arrest water leakage from top cover.
		III	8/11/23 10:53	8/11/23 13:58	3:05:00	3.08	0.4625	F	S/D for Slip Ring and Carbon Brush cleaning.
		III	8/12/23 13:35	8/12/23 18:24	4:49:00	4.82	0.7225	F	E/S/D for water leakage from Top Cover.
		III	9/18/23 13:44	9/18/23 14:31	0:47:00	0.78	0.1175	F	Excitation stage-III problem
		III	2/12/24 0:00	3/1/24 0:00	432:00:00	432.00	0.0000	P	Modification of Turbine and Generator components,
		III	3/1/24 0:00	3/15/24 17:19	353:19:00	353.32	0.0000		
		III	3/15/24 17:19	3/24/24 12:07	210:47:59	210.80	0.0000	F	Replacement of B Phase Generator Transformer due to burn in fire.
		III			0:00:00	0.00		F	
	Unit # IV	IV	5/12/23 19:09	5/12/23 21:00	1:51:00	1.85	0.0000	F	Leakage at MOV of Treated Water pump outlet.
		IV	6/19/23 9:07	6/19/23 11:55	2:48:00	2.80	0.4200	F	S/D for cleaning of slip rings and carbon brushes.
		IV	6/24/23 10:03	6/24/23 13:42	3:39:00	3.65	0.5475	F	S/D for Sudden drop of OPU pressure (low Nitrogen bank pressure)
		IV	6/24/23 21:33	6/25/23 15:55	18:22:00	18.37	2.7550	F	S/D for thrust pad temperature high alarm due to failure of treated cooling water system
		IV	7/8/23 9:06	7/8/23 11:51	2:45:00	2.75	0.4125	F	S/D for Cleaning of Slip Rings & Carbon Brushes.
		IV	7/18/23 9:36	7/18/23 12:22	2:46:00	2.77	0.4150	F	S/D for cleaning of Slip rings, Carbon brushes etc.
		IV	8/1/23 13:35	8/1/23 16:38	3:03:00	3.05	0.4575	F	S/D for cleaning of Slip rings, Carbon brushes etc.
		IV	8/11/23 8:04	8/11/23 10:43	2:39:00	2.65	0.3975	F	S/D for Slip Ring and Carbon Brush cleaning.
		IV	8/17/23 8:06	8/17/23 14:17	6:11:00	6.18	0.9275	F	S/D for cleaning of heat exchangers.
		IV	8/25/23 8:06	8/25/23 15:46	7:40:00	7.67	1.1500	F	S/D to clean out clogged heat exchanger.
		IV	8/28/23 13:06	8/28/23 20:33	7:27:00	7.45	1.1175	F	S/D for Clogging of heat exchanger.
		IV	8/30/23 12:35	8/30/23 17:48	5:13:00	5.22	0.7825	F	S/D to attend water leakage from Top Cover
		IV	9/6/23 10:04	9/6/23 15:31	5:27:00	5.45	0.8175	F	S/D for high vibration of TGB.
		IV	9/8/23 5:07	10/1/23 0:00	546:53:00	546.88	82.0325	F	S/D for TGB vibration problem, runner coupling stud broken & labyrinth damage
		IV	10/1/23 0:00	10/10/23 16:00	232:00:00	232.00	34.8000		
		IV	12/5/23 16:45	12/5/23 17:12	0:27:00	0.45	0.0000	F	Delayed due to HP Pump oil leakage
		IV	12/10/23 17:00	12/10/23 17:49	0:49:00	0.82	0.0000	F	Delayed for Governor problem.
		IV	12/19/23 20:02	12/21/23 13:47	41:45:00	41.75	0.0000	F	S/D to examine abnormal sound at Guide van observed during withdrawal of
		IV	1/8/24 10:07	1/8/24 10:51	0:44:00	0.73	0.0000	F	Generator Rotor Earth Fault
		IV	1/14/24 16:55	1/14/24 17:34	0:39:00	0.65	0.0000	F	Thrust bearing temperature high.
		IV	1/15/24 17:00	1/15/24 17:07	0:07:00	0.12	0.0000	F	Delayed for OPU control panel problem.
		IV	2/14/24 20:58	2/14/24 21:00	0:02:00	0.03	0.0000	F	Load oscillation
		IV	2/16/24 15:53	2/16/24 21:58	6:05:00	6.08	0.0000	F	S/D to attend load hunting issue.
		IV	3/15/24 17:19	3/15/24 18:05	0:46:00	0.77	0.0000	F	Sparking observed at B-phase GT of U-III (during excitation)
		IV			0:00:00	0.00		F	
						Planned	58.7750		
						Forced	200.0300		

Customized Rainfall Information System (CRIS)

Hydromet Division

India Meteorological Department

Ministry Of Earth Sciences

New Delhi-110 003

Back

Choose the States/UTs: ARUNACHAL PRADI | Select District: WEST KAMENG | GO

District : WEST KAMENG

Note :(1) The District Rainfall in millimeters (R/F) shown below are the arithmatic averages of Rainfall of Stations under the District.

(2) % Dep. are the Departures of rainfall from the long period averages of rainfall for the District.

(3) Blank Spaces show non-availability of Data

YEAR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEPT		OCT		NOV		DEC	
	R/F	%DEP	R/F	%DEP	R/F	%DEP	R/F	%DEP	R/F	%DEP	R/F	%DEP	R/F	%DEP	R/F	%DEP	R/F	%DEP	R/F	%DEP	R/F	%DEP	R/F	%DEP
2018	0.0	-100	12.8	-71	35.7	-39	110.1	-18	208.5	-39	353.3	-47	379.7	-49	380.7	-34	215.4	-56	112.2	-52	9.2	-77	16.0	-41
2019	1.5	-94	20.7	-37	36.0	-23	104.6	-21	189.7	-27	190.1	-60	492.4	-7	191.6	-56	250.0	-29	109.6	-39	4.0	-87	2.8	-85
2020	18.6	-23	29.9	-8	16.2	-65	146.1	11	394.6	52	296.9	-38	442.8	-16	325.0	-25	343.2	-3	139.3	-23	15.2	-50	4.2	-78
2021	26.5	10	2.5	-92	25.3	-46	30.4	-77	220.2	-15	248.2	-48	413.2	-22	346.7	-20	225.6	-36	134.0	-26	9.2	-70	9.0	-52
2022	16.1	-20%	41.2	49%	6.5	-86%	104.7	-19%	232.0	-12%	545.0	20%	256.6	-50%	230.3	-45%	235.2	-26%	348.9	113%	0.3	-99%	1.2	-93%

Best viewed resolutions 1280 X 800 to 1920 X 1080

Developed By: NeSS | Environment

Disclaimer

FRL = 770 Mtr, MDDL = 764.5 Mtr

Date	Status of Spillage (Spilling/Not spilling)	Duration		Total
		from (hrs)	To (hrs.)	Hrs.
16-Jun-20	Not Spilling			
17-Jun-20	Spilling	0:00:00	24:00:00	24:00:00
18-Jun-20	Spilling	0:00:00	24:00:00	24:00:00
19-Jun-20	Spilling	0:00:00	24:00:00	24:00:00
20-Jun-20	Spilling	0:00:00	24:00:00	24:00:00
21-Jun-20	Spilling	0:00:00	24:00:00	24:00:00
22-Jun-20	Spilling	0:00:00	24:00:00	24:00:00
23-Jun-20	Spilling	0:00:00	24:00:00	24:00:00
24-Jun-20	Spilling	0:00:00	24:00:00	24:00:00
25-Jun-20	Spilling	0:00:00	24:00:00	24:00:00
26-Jun-20	Spilling	0:00:00	24:00:00	24:00:00
27-Jun-20	Spilling	0:00:00	24:00:00	24:00:00
28-Jun-20	Spilling	0:00:00	24:00:00	24:00:00
29-Jun-20	Spilling	0:00:00	24:00:00	24:00:00
30-Jun-20	Spilling	0:00:00	24:00:00	24:00:00
1-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
2-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
3-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
4-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
5-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
6-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
7-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
8-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
9-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
10-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
11-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
12-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
13-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
14-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
15-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
16-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
17-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
18-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
19-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
20-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
21-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
22-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
23-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
24-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
25-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
26-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
27-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
28-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
29-Jul-20	Spilling	0:00:00	24:00:00	24:00:00

30-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
31-Jul-20	Spilling	0:00:00	24:00:00	24:00:00
1-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
2-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
3-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
4-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
5-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
6-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
7-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
8-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
9-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
10-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
11-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
12-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
13-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
14-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
15-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
16-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
17-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
18-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
19-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
20-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
21-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
22-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
23-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
24-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
25-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
26-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
27-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
28-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
29-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
30-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
31-Aug-20	Spilling	0:00:00	24:00:00	24:00:00
1-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
2-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
3-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
4-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
5-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
6-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
7-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
8-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
9-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
10-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
11-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
12-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
13-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
14-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
15-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
16-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
17-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
18-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
19-Sep-20	Spilling	0:00:00	24:00:00	24:00:00

20-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
21-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
22-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
23-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
24-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
25-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
26-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
27-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
28-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
29-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
30-Sep-20	Spilling	0:00:00	24:00:00	24:00:00
1-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
2-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
3-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
4-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
5-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
6-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
7-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
8-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
9-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
10-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
11-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
12-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
13-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
14-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
15-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
16-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
17-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
18-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
19-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
20-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
21-Oct-20	Spilling	0:00:00	17:45:00	17:45:00
22-Oct-20	Spilling	4:50:00	17:15:00	12:25:00
23-Oct-20	Not Spilling			
24-Oct-20	Not Spilling			
25-Oct-20	Not Spilling			
26-Oct-20	Spilling	12:30:00	24:00:00	11:30:00
27-Oct-20	Spilling	0:00:00	24:00:00	24:00:00
28-Oct-20	Spilling	0:00:00	3:10:00	3:10:00
29-Oct-20	Not Spilling			
18-Nov-20	Not Spilling			
19-Nov-20	Spilling	11:25:00	24:00:00	12:35:00
20-Nov-20	Spilling	0:00:00	16:25:00	16:25:00
21-Nov-20	Not Spilling			
22-Nov-20	Not Spilling			
23-Nov-20	Not Spilling			
24-Nov-20	Spilling	2:15:00	24:00:00	21:45:00
25-Nov-20	Spilling	0:00:00	24:00:00	24:00:00
26-Nov-20	Spilling	0:00:00	24:00:00	24:00:00
27-Nov-20	Spilling	0:00:00	24:00:00	24:00:00
28-Nov-20	Spilling	0:00:00	11:00:00	11:00:00
29-Nov-20	Spilling	14:20:00	24:00:00	9:40:00



30-Nov-20	Spilling	0:00:00	24:00:00	24:00:00
1-Dec-20	Spilling	0:00:00	24:00:00	24:00:00
2-Dec-20	Spilling	0:00:00	24:00:00	24:00:00
3-Dec-20	Spilling	0:00:00	24:00:00	24:00:00
4-Dec-20	Spilling	0:00:00	24:00:00	24:00:00
5-Dec-20	Spilling	0:00:00	24:00:00	24:00:00
6-Dec-20	Spilling	0:00:00	24:00:00	24:00:00
7-Dec-20	Spilling	0:00:00	24:00:00	24:00:00
8-Dec-20	Spilling	0:00:00	24:00:00	24:00:00
9-Dec-20	Spilling	0:00:00	24:00:00	24:00:00
10-Dec-20	Spilling	0:00:00	24:00:00	24:00:00
11-Dec-20	Not Spilling			
25-Mar-21	Not Spilling			
26-Mar-21	Spilling	4:45:00	24:00:00	19:15:00
27-Mar-21	Spilling	0:00:00	24:00:00	24:00:00
28-Mar-21	Spilling	0:00:00	24:00:00	24:00:00
29-Mar-21	Spilling	0:00:00	24:00:00	24:00:00
30-Mar-21	Spilling	0:00:00	24:00:00	24:00:00
31-Mar-21	Spilling	0:00:00	24:00:00	24:00:00





Outage of Kameng units for the year 2020-21 (Since COD) Up-dated upto 31/03/2021

Project	unit	From Time mm/dd/yy hrs	To Time mm/dd/yy hrs	Duration in Hrs	Duration in Decimal Hrs	Loss based on RWL MU	Outage type	Reasons
Kameng	I	7/17/20 5:05	7/17/20 9:47	4:42:00	4.70	0.705	F	Operation GT differential relay & 400 KV Balipara-Bongaigaon BNC-IV feeder also tripped at the same time.
	I	7/23/20 21:59	7/24/20 1:18	3:19:00	3.32	0.4975	F	Reverse Power alarm and HMC failure occurred.
	I	8/7/20 9:04	8/7/20 11:22	2:18:00	2.30	0.345	F	S/D for replacement of Heat Exchanger of OPU.
	I	8/21/20 10:04	8/21/20 15:58	5:54:00	5.90	0.885	F	S/D for maintenance.
	I	8/29/20 9:08	9/1/20 0:00	62:54:00	62.90	3.435	F	S/D for TGB vibration very high
		9/1/20 0:00	9/6/20 1:26	121:26:00	121.43	18.215		
	I	9/6/20 20:44	9/16/20 22:06	241:22:00	241.37	36.205	F	S/D for TGB vibration very high
	I	9/18/20 2:24	9/18/20 21:50	19:26:00	19.43	2.915	F	S/D for TGB high vibration.
	I	9/19/20 12:11	9/19/20 19:06	6:55:00	6.92	1.0375	F	S/D for tunning of vibration.
	I	10/8/20 12:18	10/8/20 14:28	2:10:00	2.17	0.325	F	Tripping of 400kV F-I
	I	10/14/20 4:47	10/14/20 6:21	1:34:00	1.57	0.235	F	MIV Closed Automatically
	I	10/16/20 9:52	10/16/20 14:19	4:27:00	4.45	0.6675	F	MIV Closed Automatically
	I	10/20/20 7:31	10/20/20 9:29	1:58:00	1.97	0.295	F	MIV Closed Automatically
	I	10/20/20 15:16	10/20/20 16:35	1:19:00	1.32	0.1975	F	MIV Closed Automatically
	I	11/18/20 8:14	11/20/20 1:49	41:35:00	41.58	0	F	System protection checking and precommissioning activities of U-III & IV.
	I	12/13/20 11:48	12/13/20 12:55	1:07:00	1.12	0	F	Overspeed.
	I	12/23/20 10:05	12/23/20 15:09	5:04:00	5.07	0	F	S/D for SSB works.
	I	12/28/20 18:08	12/28/20 19:48	1:40:00	1.67	0	F	Reverse power due to sudden MIV closing.
	I	1/16/21 13:05	1/16/21 16:28	3:23:00	3.38	0	F	Telemetry Simulation checking fault
	I	1/16/21 17:18	1/16/21 18:55	1:37:00	1.62	0	F	Governor position fluctuation
	I	2/1/21 17:45	2/1/21 17:57	0:12:00	0.20	0	F	Reverse power
	I	2/4/21 18:13	2/8/21 0:00	29:47:00	29.78	0	F	S/D for high vibration and high temperature of TGB pad
	I	2/8/21 0:00	2/21/21 13:21	373:21:00	373.35	0	P	APM works
	I	2/21/21 13:39	3/1/21 0:00	178:21:00	178.35	0	F	LGB Pad temperature high problem (S/D Contd).
		3/1/21 0:00	4/1/21 0:00	744:00:00	744.00	21.6		
	I			0:00:00	0.00		F	
	II	7/17/20 5:05	7/17/20 12:04	6:59:00	6.98	1.0475	F	Operation GT differential relay & 400 KV Balipara-Bongaigaon BNC-IV feeder also tripped at the same time.
	II	8/1/20 23:19	8/2/20 1:48	2:29:00	2.48	0.3725	F	Tripped for operation of GT protection relay.
	II	8/4/20 10:16	8/4/20 11:36	1:20:00	1.33	0.2	F	TGB pad temperature very high.
	II	8/6/20 7:26	8/6/20 9:03	1:37:00	1.62	0.2425	F	Turbine Guide bearing temperature very high.
	II	8/18/20 23:16	8/19/20 3:29	4:13:00	4.22	0.6325	F	Tripped due to malfunctioning at EHGC panel.
	II	8/30/20 13:23	8/30/20 15:28	2:05:00	2.08	0.3125	F	EHGC Relay K127 malfunction
	II	9/9/20 22:19	9/10/20 4:10	5:51:00	5.85	0.8775	F	LGB temperature high
	II	10/8/20 12:18	10/8/20 16:13	3:55:00	3.92	0.5875	F	Tripping of 400kV F-I
	II	11/3/20 12:30	11/5/20 13:47	49:17:00	49.28	0	F	UAT O/C relay operated & S/D for Checking of Unit Auxiliary Board
	II	11/18/20 8:08	11/20/20 1:49	41:41:00	41.68	0	F	System protection checking and precommissioning activities of U-III & IV.
	II	11/20/20 1:49	11/20/20 14:21	12:32:00	12.53	1.88	F	LGB pad temperature high.
	II	11/22/20 23:09	12/1/20 0:00	192:51:00	192.85	25.2	F	S/D for failure of B-Phase Generator Transformer.
		12/1/20 0:00	12/10/20 23:48	239:48:00	239.80	35.97		
	II	12/30/20 16:55	12/30/20 17:23	0:28:00	0.47		F	GT overheat differential protection
	II	12/30/20 18:22	12/30/20 20:01	1:39:00	1.65		F	Testing of GT phase-B
	II	1/21/21 15:03	1/21/21 17:23	2:20:00	2.33		F	To conduct OCC test of U-III.
	II	3/1/21 0:00	3/9/21 12:45	204:45:00	204.75		P	APM works
	II	3/25/21 22:05	4/1/21 0:00	145:55:00	145.92	21.6	F	S/D for Lower Guide bearing & thrust bearig temp very high (S/D Contd)
	II			0:00:00	0.00		F	
	III	3/22/21 10:15	4/1/21 0:00	229:45:00	229.75	21.6	F	S/D for Penstock checking (S/D Contd)
	III				0.00		F	
	IV	2/26/21 10:34	2/26/21 16:52	6:18:00	6.30		F	TGB pad temperature very high
	IV	3/19/21 15:08	3/19/21 15:28	0:20:00	0.33		F	Tripped for 86MV auxiliaries relay operated
	IV	3/22/21 10:15	4/1/21 0:00	229:45:00	229.75	21.6	F	S/D for Penstock checking (S/D Contd)
	IV			0:00:00	0.00		F	
					225.6825			

Energy Generation and Loss During the Year 2020-21

Kameng

Month	Design Energy	Actual Generation	Loss for Forced outage	Loss for Planned outage	Loss for System Constraint	Loss for Power Regulation /Un-Schedule	Expected Generation	Loss of Generation for less inflow	Average RWL	RWL on 1st Day of month	Actual Plant Availability Factor (PAF)	M/C Availability
	MU	MU	MU	MU	MU	MU	MU	MU	Mtr	Mtr	%	%
1	2	3	4	5	6 A	6 B	7	8=7-3-4-5-6	9	10	11	12
Apr-20		26.2892					0.0000		767.46	0.00		
May-20		23.9405					0.0000		765.71	765.02		
Jun-20	42.943	101.4076		0.0000	0.0000	1.9264	42.9427		766.93	767.99	100.77	**100.00**
Jul-20	212.04	221.4612	2.25000	0.0000	0.0000	2.4609	212.0400		767.64	767.65	101.09	**99.50**
Aug-20	212.04	209.2026	12.42500	0.0000	0.0000	2.0300	212.0400		768.02	768.13	97.30	**97.22**
Sep-20	205.2	159.7753	59.25000	0.0000	0.0000	1.4065	205.2000		768.01	767.91	76.43	**86.28**
Oct-20	175.075	225.2162	2.30750	0.0000	0.0000	1.8450	175.0750		768.39	768.17	102.15	**99.48**
Nov-20	112.665	145.1837	27.08000	0.0000	0.0000	1.3808	112.6650		768.98	767.36	81.09	**88.27**
Dec-20	82.53	125.4905	35.97000	0.0000	0.0000	0.3984	82.5300		769.53	770.37	84.72	**91.61**
Jan-21	79.322	113.8296	0.00000	0.0000	0.0000	0.1577	79.3219		769.43	768.57	101.01	**99.75**
Feb-21	103.90	87.5903	0.00000	0.0000	0.0000	0.1414	103.9038	16.1721	769.66	768.78	75.15	**78.13**
Mar-21	194.63	90.1844	86.40000	0.0000	0.0000	0.0359	194.6300	18.0097	768.72	769.76	47.71	**47.77**
Total	1420.3484	1529.5711	225.68250	0.0000	0.0000	11.7829	1420.3484	34.1818	**768.20**		**86.09**	**88.26**

Note: 1. The expected generation (Col-7) is as per the Design energy (Design Energy considered since COD of Each unit).

2. There is no loss of generation for less inflow (Col-8) in the month of Apr to Jan as the actual generation including losses is more than the Expected Generation/Design energy.

3. There is no Energy loss for Planned Shutdown (APM) as the S/D was availed in lean period

4. No Energy loss considred for forced outages which are during non-spilling period and water saved were utilised for further generation.

Spillage

	River Inflow (Cum/Sec)		Status of Spillage (Spilling/Not spilling)	Duration		Total
Date	8:00	15:00 Same		from (hrs)	To (hrs.)	Hrs.
1-Apr-21	--	--	Spilling	0:00:00	24:00:00	24:00:00
2-Apr-21	18.86	18.86	Spilling	0:00:00	24:00:00	24:00:00
3-Apr-21	14.66	14.66	Spilling	0:00:00	24:00:00	24:00:00
4-Apr-21	10.10	10.10	Spilling	0:00:00	24:00:00	24:00:00
5-Apr-21	10.05	10.05	Spilling	0:00:00	24:00:00	24:00:00
6-Apr-21	18.58	18.58	Spilling	0:00:00	24:00:00	24:00:00
7-Apr-21	18.17	18.17	Spilling	0:00:00	21:30:00	21:30:00
8-Apr-21	--	--	Not Spilling			
9-Apr-21	--	--	Not Spilling			
10-Apr-21	30.79	30.79	Not Spilling			
11-Apr-21	31.12	31.12	Not Spilling			
12-Apr-21	29.97	29.97	Not Spilling			
13-Apr-21	31.33	31.33	Not Spilling			
14-Apr-21	28.85	28.85	Not Spilling			
15-Apr-21	32.09	32.09	Not Spilling			
16-Apr-21	32.50	32.50	Not Spilling			
17-Apr-21	32.50	32.50	Spilling	5:00:00	24:00:00	19:00:00
18-Apr-21	35.16	35.16	Spilling	0:00:00	14:45:00	14:45:00
19-Apr-21	40.27	40.27	Not Spilling			
20-Apr-21	34.57	34.57	Not Spilling			
21-Apr-21	--	--	Not Spilling			
22-Apr-21	31.85	31.85	Not Spilling			
23-Apr-21	30.63	30.63	Not Spilling			
24-Apr-21	30.63	30.63	Not Spilling			
25-Apr-21	31.98	31.98	Not Spilling			
26-Apr-21	28.85	28.85	Not Spilling			
27-Apr-21	29.15	29.15	Not Spilling			
28-Apr-21	30.25	30.25	Not Spilling			
29-Apr-21	35.60	35.60	Not Spilling			
30-Apr-21	32.38	32.38	Not Spilling			
1-May-21	33.71	33.71	Not Spilling			
2-May-21	33.71	33.71	Not Spilling			
3-May-21	33.71	33.71	Not Spilling			
4-May-21	39.13	39.13	Not Spilling			
5-May-21	65.86	65.86	Not Spilling			
6-May-21	77.30	77.30	Not Spilling			
7-May-21	60.86	60.86	Not Spilling			
8-May-21	66.35	66.35	Not Spilling			
9-May-21	75.40	75.40	Not Spilling			
10-May-21	56.09	56.09	Not Spilling			

11-May-21	71.90	71.90	Not Spilling			
12-May-21	79.94	79.94	Not Spilling			
13-May-21	85.61	85.61	Spilling	0:00:00	24:00:00	24:00:00
14-May-21	74.53	74.53	Spilling	0:00:00	11:41:00	11:41:00
15-May-21	56.09	56.09	Not Spilling			
16-May-21	50.58	50.58	Not Spilling			
17-May-21	51.92	51.92	Not Spilling			
18-May-21	65.02	65.02	Not Spilling			
19-May-21	56.92	56.92	Not Spilling			
20-May-21	51.93	51.93	Not Spilling			
21-May-21	45.13	45.13	Not Spilling			
22-May-21	50.93	50.93	Not Spilling			
23-May-21	40.69	40.69	Not Spilling			
24-May-21	39.48	39.48	Not Spilling			
25-May-21	49.48	49.48	Not Spilling			
26-May-21	52.09	52.09	Not Spilling			
27-May-21	590.90	590.90	Spilling	4:38:00	24:00:00	19:22:00
28-May-21	168.88	168.88	Spilling	0:00:00	15:10:00	15:10:00
29-May-21	73.17	73.17	Not Spilling			
30-May-21	67.90	67.90	Not Spilling			
31-May-21	84.92	84.92	Not Spilling			
1-Jun-21	67.04	67.04	Not Spilling			
2-Jun-21	62.03	62.03	Not Spilling			
3-Jun-21	67.20	67.20	Not Spilling			
4-Jun-21	56.57	56.57	Not Spilling			
5-Jun-21	66.87	66.87	Not Spilling			
6-Jun-21	92.28	92.28	Not Spilling			
7-Jun-21	132.79	132.79	Spilling	05:13:00 19:02:00	11:30:00 24:00:00	11:15:00
8-Jun-21	200.52	200.52	Spilling	0:00:00	9:30:00	9:30:00
9-Jun-21	117.28	117.28	Spilling	22:17:00	24:00:00	1:43:00
10-Jun-21	111.88	111.88	Spilling	0:00:00	4:00:00	4:00:00
11-Jun-21	87.05	87.05	Not Spilling			
12-Jun-21	96.59	96.59	Not Spilling			
13-Jun-21	154.69	154.69	Spilling	13:10:00	24:00:00	10:50:00
14-Jun-21	103.75	103.75	Spilling	0:00:00	9:00:00	9:00:00
15-Jun-21	104.95	104.95	Spilling	5:10:00	10:50:00	5:40:00
16-Jun-21	112.21	112.21	Spilling	4:10:00	13:00:00	8:50:00
17-Jun-21	128.82	128.82	Spilling	21:30:00	24:00:00	2:30:00
18-Jun-21	169.05	169.05	Spilling	0:00:00	24:00:00	24:00:00
19-Jun-21	181.71	181.71	Spilling	0:00:00	24:00:00	24:00:00
20-Jun-21	160.95	160.95	Spilling	00:00:00 19:31:00	11:45:00 24:00:00	16:14:00
21-Jun-21	155.44	155.44	Spilling	[illegible]	[illegible]	16:25:00
22-Jun-21	128.28	128.28	Spilling	0:00:00	11:30:00	11:30:00
23-Jun-21	181.06	181.06	Spilling	2:00:00	24:00:00	22:00:00



24-Jun-21	118.93	118.93	Spilling	0:00:00	8:15:00	8:15:00
25-Jun-21	110.48	110.48	Not Spilling			
26-Jun-21	117.48	117.48	Not Spilling			
27-Jun-21	115.67	115.67	Spilling	0:00:00	9:30:00	9:30:00
28-Jun-21	150.36	150.36	Spilling	4:30:00	24:00:00	19:30:00
29-Jun-21	216.56	216.56	Spilling	0:00:00	24:00:00	24:00:00
30-Jun-21	319.87	319.87	Spilling	0:00:00	24:00:00	24:00:00
1-Jul-21	289.50	289.50	Spilling	0:00:00	24:00:00	24:00:00
2-Jul-21	430.74	430.74	Spilling	0:00:00	24:00:00	24:00:00
3-Jul-21	317.56	317.56	Spilling	0:00:00	24:00:00	24:00:00
4-Jul-21	247.56	247.56	Spilling	0:00:00	24:00:00	24:00:00
5-Jul-21	281.31	281.31	Spilling	0:00:00	24:00:00	24:00:00
6-Jul-21	301.44	301.44	Spilling	0:00:00	24:00:00	24:00:00
7-Jul-21	444.39	444.39	Spilling	0:00:00	24:00:00	24:00:00
8-Jul-21	581.32	581.32	Spilling	0:00:00	24:00:00	24:00:00
9-Jul-21	357.36	357.36	Spilling	0:00:00	24:00:00	24:00:00
10-Jul-21	580.87	580.87	Spilling	0:00:00	24:00:00	24:00:00
11-Jul-21	460.08	460.08	Spilling	0:00:00	24:00:00	24:00:00
12-Jul-21	488.05	488.05	Spilling	0:00:00	24:00:00	24:00:00
13-Jul-21	383.56	383.56	Spilling	0:00:00	24:00:00	24:00:00
14-Jul-21	365.75	365.75	Spilling	0:00:00	24:00:00	24:00:00
15-Jul-21	474.00	474.00	Spilling	0:00:00	24:00:00	24:00:00
16-Jul-21	490.10	490.10	Spilling	0:00:00	24:00:00	24:00:00
17-Jul-21	572.30	572.30	Spilling	0:00:00	24:00:00	24:00:00
18-Jul-21	445.11	445.11	Spilling	0:00:00	24:00:00	24:00:00
19-Jul-21	438.14	438.14	Spilling	0:00:00	24:00:00	24:00:00
20-Jul-21	476.84	476.84	Spilling	0:00:00	24:00:00	24:00:00
21-Jul-21	387.00	387.00	Spilling	0:00:00	24:00:00	24:00:00
22-Jul-21	324.39	324.39	Spilling	0:00:00	24:00:00	24:00:00
23-Jul-21	316.44	316.44	Spilling	0:00:00	24:00:00	24:00:00
24-Jul-21	314.37	314.37	Spilling	0:00:00	24:00:00	24:00:00
25-Jul-21	292.95	292.95	Spilling	0:00:00	24:00:00	24:00:00
26-Jul-21	403.48	403.48	Spilling	0:00:00	24:00:00	24:00:00
27-Jul-21	394.10	394.10	Spilling	0:00:00	24:00:00	24:00:00
28-Jul-21	333.71	333.71	Spilling	0:00:00	24:00:00	24:00:00
29-Jul-21	402.16	402.16	Spilling	0:00:00	24:00:00	24:00:00
30-Jul-21	393.00	393.00	Spilling	0:00:00	24:00:00	24:00:00
31-Jul-21	351.11	351.11	Spilling	0:00:00	24:00:00	24:00:00
1-Aug-21	436.56	436.56	Spilling	0:00:00	24:00:00	24:00:00
2-Aug-21	408.69	408.69	Spilling	0:00:00	24:00:00	24:00:00
3-Aug-21	271.65	271.65	Spilling	0:00:00	24:00:00	24:00:00
4-Aug-21	191.16	191.16	Spilling	0:00:00	24:00:00	24:00:00
5-Aug-21	167.99	167.99	Spilling	0:00:00	24:00:00	24:00:00
6-Aug-21	149.91	149.91	Spilling	0:00:00	24:00:00	24:00:00
7-Aug-21	140.72	140.72	Spilling	0:00:00	24:00:00	24:00:00
8-Aug-21	197.94	197.94	Spilling	0:00:00	24:00:00	24:00:00

9-Aug-21	212.03	212.03	Spilling	0:00:00	24:00:00	24:00:00
10-Aug-21	214.43	214.43	Spilling	0:00:00	24:00:00	24:00:00
11-Aug-21	257.46	257.46	Spilling	0:00:00	24:00:00	24:00:00
12-Aug-21	261.79	261.79	Spilling	0:00:00	24:00:00	24:00:00
13-Aug-21	232.86	232.86	Spilling	0:00:00	24:00:00	24:00:00
14-Aug-21	265.66	265.66	Spilling	0:00:00	24:00:00	24:00:00
15-Aug-21	414.37	414.37	Spilling	0:00:00	24:00:00	24:00:00
16-Aug-21	513.26	513.26	Spilling	0:00:00	24:00:00	24:00:00
17-Aug-21	501.65	501.65	Spilling	0:00:00	24:00:00	24:00:00
18-Aug-21	501.17	501.17	Spilling	0:00:00	24:00:00	24:00:00
19-Aug-21	624.40	624.40	Spilling	0:00:00	24:00:00	24:00:00
20-Aug-21	779.11	779.11	Spilling	0:00:00	24:00:00	24:00:00
21-Aug-21	552.70	552.70	Spilling	0:00:00	24:00:00	24:00:00
22-Aug-21	418.52	418.52	Spilling	0:00:00	24:00:00	24:00:00
23-Aug-21	375.32	375.32	Spilling	0:00:00	24:00:00	24:00:00
24-Aug-21	349.15	349.15	Spilling	0:00:00	24:00:00	24:00:00
25-Aug-21	630.95	630.95	Spilling	0:00:00	24:00:00	24:00:00
26-Aug-21	618.69	618.69	Spilling	0:00:00	24:00:00	24:00:00
27-Aug-21	927.59	927.59	Spilling	0:00:00	24:00:00	24:00:00
28-Aug-21	618.98	618.98	Spilling	0:00:00	24:00:00	24:00:00
29-Aug-21	433.87	433.87	Spilling	0:00:00	24:00:00	24:00:00
30-Aug-21	446.03	446.03	Spilling	0:00:00	24:00:00	24:00:00
31-Aug-21	427.32	427.32	Spilling	0:00:00	24:00:00	24:00:00
1-Sep-21	434.76	434.76	Spilling	0:00:00	24:00:00	24:00:00
2-Sep-21	500.69	500.69	Spilling	0:00:00	24:00:00	24:00:00
3-Sep-21	322.18	322.18	Spilling	0:00:00	24:00:00	24:00:00
4-Sep-21	273.96	273.96	Spilling	0:00:00	24:00:00	24:00:00
5-Sep-21	315.42	315.42	Spilling	0:00:00	24:00:00	24:00:00
6-Sep-21	452.09	452.09	Spilling	0:00:00	24:00:00	24:00:00
7-Sep-21	371.75	371.75	Spilling	0:00:00	24:00:00	24:00:00
8-Sep-21	322.98	322.98	Spilling	0:00:00	24:00:00	24:00:00
9-Sep-21	561.07	561.07	Spilling	0:00:00	24:00:00	24:00:00
10-Sep-21	476.30	476.30	Spilling	0:00:00	24:00:00	24:00:00
11-Sep-21	355.48	355.48	Spilling	0:00:00	24:00:00	24:00:00
12-Sep-21	305.98	305.98	Spilling	0:00:00	24:00:00	24:00:00
13-Sep-21	281.77	281.77	Spilling	0:00:00	24:00:00	24:00:00
14-Sep-21	237.82	237.82	Spilling	0:00:00	24:00:00	24:00:00
15-Sep-21	272.87	272.87	Spilling	0:00:00	24:00:00	24:00:00
16-Sep-21	253.14	253.14	Spilling	0:00:00	24:00:00	24:00:00
17-Sep-21	265.90	265.90	Spilling	0:00:00	24:00:00	24:00:00
18-Sep-21	348.69	348.69	Spilling	0:00:00	24:00:00	24:00:00
19-Sep-21	231.71	231.71	Spilling	0:00:00	24:00:00	24:00:00
20-Sep-21	193.70	193.70	Spilling	0:00:00	24:00:00	24:00:00
21-Sep-21	180.81	180.81	Spilling	0:00:00	24:00:00	24:00:00
22-Sep-21	181.23	181.23	Spilling	0:00:00	24:00:00	24:00:00
23-Sep-21	203.49	203.49	Spilling	0:00:00	24:00:00	24:00:00

24-Sep-21	228:60	228.60	Spilling	0:00:00	24:00:00	24:00:00
25-Sep-21	221.21	221.21	Spilling	0:00:00	24:00:00	24:00:00
26-Sep-21	182.90	182.90	Spilling	0:00:00	24:00:00	24:00:00
27-Sep-21	192.21	192.21	Spilling	0:00:00	24:00:00	24:00:00
28-Sep-21	239.85	239.85	Spilling	0:00:00	24:00:00	24:00:00
29-Sep-21	202.51	202.51	Spilling	0:00:00	24:00:00	24:00:00
30-Sep-21	189.62	189.62	Spilling	0:00:00	24:00:00	24:00:00
1-Oct-21	130.38	130.38	Spilling	00:00:00	06:47:00	17:17:00
2-Oct-21	119.37	119.37	Spilling	16:30:00	72:20:00	19:47:00
3-Oct-21	133.06	133.06	Spilling	0:00:00	17:05:00	17:05:00
4-Oct-21	127.01	127.01	Spilling	4:00:00	24:00:00	20:00:00
5-Oct-21	320.88	320.88	Spilling	0:00:00	24:00:00	24:00:00
6-Oct-21	211.25	211.25	Spilling	0:00:00	24:00:00	24:00:00
7-Oct-21	186.74	186.74	Spilling	0:00:00	24:00:00	24:00:00
8-Oct-21	169.72	169.72	Spilling	0:00:00	24:00:00	24:00:00
9-Oct-21	129.12	129.12	Spilling	00:00:00	15:30:00	15:00:00
10-Oct-21	120.93	120.93	Spilling	0:00:00	22:30:00	22:30:00
11-Oct-21	103.92	103.92	Not Spilling			
12-Oct-21	100.70	100.70	Not Spilling			
13-Oct-21	100.14	100.14	Not Spilling			
14-Oct-21	101.48	101.48	Not Spilling			
15-Oct-21	99.21	99.21	Not Spilling			
16-Oct-21	99.39	99.39	Not Spilling			
17-Oct-21	129.23	129.23	Spilling	22:00:00	24:00:00	2:00:00
18-Oct-21	138.71	138.71	Spilling	0:00:00	24:00:00	24:00:00
19-Oct-21	298.11	298.11	Spilling	0:00:00	24:00:00	24:00:00
20-Oct-21	354.33	354.33	Spilling	0:00:00	24:00:00	24:00:00
21-Oct-21	263.66	263.66	Spilling	0:00:00	24:00:00	24:00:00
22-Oct-21	210.24	210.24	Spilling	0:00:00	24:00:00	24:00:00
23-Oct-21	185.15	185.15	Spilling	0:00:00	24:00:00	24:00:00
24-Oct-21	134.50	134.50	Spilling	0:00:00	24:00:00	24:00:00
25-Oct-21	128.47	128.47	Spilling	0:00:00	24:00:00	24:00:00
26-Oct-21	127.37	127.37	Spilling	0:00:00	24:00:00	24:00:00
27-Oct-21	124.12	124.12	Spilling	0:00:00	24:00:00	24:00:00
28-Oct-21	123.09	123.09	Spilling	0:00:00	24:00:00	24:00:00
29-Oct-21	90.08	90.08	Spilling	00:00:00	06:07:00	17:07:00
30-Oct-21	96.64	96.64	Spilling	0:00:00	24:00:00	24:00:00
31-Oct-21	97.21	97.21	Spilling	0:00:00	24:00:00	24:00:00
1-Nov-21	78.95	78.95	Spilling	0:00:00	9:00:00	9:00:00
2-Nov-21	79.23	79.23	Spilling	0:30:00	10:00:00	9:30:00
3-Nov-21	87.71	87.71	Spilling	0:46:00	20:00:00	19:14:00
4-Nov-21	66.93	66.93	Not Spilling			
5-Nov-21	69.04	69.04	Not Spilling			
6-Nov-21	83.69	83.69	Spilling	3:00:00	15:05:00	12:05:00
7-Nov-21	73.83	73.83	Spilling	14:30:00	19:00:00	4:30:00
8-Nov-21	69.39	69.39	Not Spilling			

9-Nov-21	68.13	68.13	Not Spilling			
10-Nov-21	66.67	66.67	Not Spilling			
11-Nov-21	66.66	66.66	Not Spilling			
12-Nov-21	66.29	66.29	Not Spilling			
13-Nov-21	66.49	66.49	Not Spilling			
14-Nov-21	64.68	64.68	Not Spilling			
15-Nov-21	65.12	65.12	Not Spilling			
16-Nov-21	65.26	65.26	Not Spilling			
17-Nov-21	63.45	63.45	Not Spilling			
18-Nov-21	62.55	62.55	Not Spilling			
19-Nov-21	61.79	61.79	Not Spilling			
20-Nov-21	61.06	61.06	Not Spilling			
21-Nov-21	60.27	60.27	Not Spilling			
22-Nov-21	61.49	61.49	Not Spilling			
23-Nov-21	65.30	65.30	Not Spilling			
24-Nov-21	69.55	69.55	Not Spilling			
25-Nov-21	70.96	70.96	Not Spilling			
26-Nov-21	69.51	69.51	Not Spilling			
27-Nov-21	66.24	66.24	Not Spilling			
28-Nov-21	62.13	62.13	Not Spilling			
29-Nov-21	58.80	58.80	Not Spilling			
30-Nov-21	56.79	56.79	Not Spilling			
1-Dec-21	58.36	58.36	Not Spilling			
2-Dec-21	59.10	59.10	Not Spilling			
3-Dec-21	58.86	58.86	Not Spilling			
4-Dec-21	57.65	57.65	Not Spilling			
5-Dec-21	56.15	56.15	Not Spilling			
6-Dec-21	56.47	56.47	Not Spilling			
7-Dec-21	54.13	54.13	Not Spilling			
8-Dec-21	52.94	52.94	Not Spilling			
9-Dec-21	52.41	52.41	Not Spilling			
10-Dec-21	51.23	51.23	Not Spilling			
11-Dec-21	51.61	51.61	Not Spilling			
12-Dec-21	52.07	52.07	Not Spilling			
13-Dec-21	51.38	51.38	Not Spilling			
14-Dec-21	50.50	50.50	Not Spilling			
15-Dec-21	49.96	49.96	Not Spilling			
16-Dec-21	50.18	50.18	Not Spilling			
17-Dec-21	38.49	38.49	Not Spilling			
18-Dec-21	28.79	28.79	Spilling	12:00:00	24:00:00	12:00:00
19-Dec-21	23.63	23.63	Spilling	0:00:00	16:32:00	16:32:00
20-Dec-21	41.42	41.42	Not Spilling			
21-Dec-21	44.70	44.70	Not Spilling			





Planned & Forced Outage of NEEPCO units for the year 2021-22

Up-dated upto 31/03/2022

Project	Unit	From Time mm/dd/yy hrs	To Time mm/dd/yy hrs	Duration in Hrs	Duration in Decimal Hrs	Loss based on RWL MU	Outage type. F=Forced P=Planned	Reasons
Kameng HPS	Unit # I	4/1/21 0:00	4/18/21 13:10	421:10:00	421.17	29.65	F	S/D for LGB pad temperature very high problem (S/D from 21/03/2021
		5/15/21 17:37	5/15/21 18:02	0:25:00	0.42	0	F	Tripped for low forward power.
		5/28/21 9:37	5/28/21 13:51	4:14:00	4.23	0.635	F	GT overhead differential protection relay operated
		7/29/21 8:05	8/1/21 0:00	63:55:00	63.92	9.5875	F	S/D for rectification of Guide Vanes link pin.
		8/1/21 0:00	8/31/21 2:48	722:48:00	722.80	108.42	F	
		9/1/21 8:04	9/1/21 13:05	5:01:00	5.02	0.7525	F	High TGB vibration
		9/6/21 2:46	9/6/21 4:59	2:19:00	2.32	0.3475	F	Malfunctioning of speed transducer
		9/24/21 14:51	9/25/21 15:54	25:03:00	25.05	3.7575	F	High vibration following tripping of the machine due to Kameng - Balipara Line-2.
		10/29/21 10:06	10/29/21 14:10	4:04:00	4.07	0.61	F	S/D to establish Rear Port Communication of Relay.
		11/27/21 13:07	11/27/21 13:46	0:39:00	0.65	0	F	Stator core winding temperture high alarm & Malfunction of Multiplier
		12/17/21 0:00	12/18/21 9:41	57:41:00	57.68	0	F	S/D for inspection of ADIT-II leakage
		12/19/21 9:41	12/19/21 15:52	6:11:00	6.18	0.9275	F	Low insulation resistance value of bus duct
		12/27/21 14:02	12/27/21 17:03	3:01:00	3.02	0	F	Tripped for spike in stator winding (RTD Temp. Malfunction)
		3/15/22 15:45	3/15/22 16:13	0:28:00	0.47	0	P	To facilitate vibration data collection
		3/16/22 12:19	3/16/22 12:40	0:21:00	0.35	0	P	To facilitate vibration data collection
		3/30/22 0:00	4/1/22 0:00	48:00:00	48.00	0	P	APM works (S/D contd)
				0:00:00			F	
	Unit # II	4/1/21 0:00	4/8/21 22:22	190:22:00	190.37	25.2	F	S/D for Lower Guide bearing & thrust bearig temp very high (S/D from 25/03/2021)
		4/9/21 9:33	4/9/21 11:23	1:50:00	1.83	0	F	High thrust pad temperature
		4/12/21 10:06	4/12/21 11:52	1:46:00	1.77	0	F	S/D for cleaning of HS filter
		4/13/21 9:19	4/13/21 15:46	6:27:00	6.45	0	F	S/D for cleaning of HS filter
		5/12/21 22:35	6/1/21 0:00	457:25:00	457.42	10.5325	F	S/D for high vibration of TGB.
		6/1/21 0:00	6/20/21 17:15	473:15:00	473.25	19.13	F	
		6/20/21 17:50	6/23/21 20:57	74:58:00	74.97	11.245	F	S/D for high LGB temperature problem/ high TGB vibration.
		6/26/21 13:25	6/26/21 17:18	3:52:00	3.87	0	F	Thrust pad temperature high
		6/26/21 18:12	6/26/21 19:53	1:41:00	1.68	0	F	H.S. Pump pressure drop
		6/28/21 18:58	6/30/21 16:26	44:28:00	44.47	6.67	F	S/D for LGB temperature very high.
		6/30/21 17:03	6/30/21 19:06	2:05:00	2.08	0.3125	F	Thrust pad temperature high.
		7/5/21 17:36	7/5/21 20:31	2:55:00	2.92	0.4375	F	Bad analog signal of Speed Transducer
		7/5/21 20:33	7/6/21 0:02	3:29:00	3.48	0.5225	F	mal-operation of Speed Transducer.
		7/25/21 8:07	7/25/21 13:36	5:29:00	5.48	0.8225	F	S/D for spark discharge observed at slip rings and high TGB vibration.
		8/11/21 2:01	8/11/21 6:02	4:01:00	4.02	0.6025	F	Malfunction of 86 A1/A2 relay
		8/11/21 15:03	8/11/21 16:41	1:38:00	1.63	0.245	F	S/D for HMC Filter Cleaning/Pressure adjusment
		9/2/21 10:03	9/3/21 12:37	2:34:00	2.57	0.385	F	S/Dfor cleaning of Slip rings and Carbon brushes
		9/10/21 10:01	9/10/21 12:20	2:19:00	2.32	0.3475	F	Rotor Slip Ring and Carbon Brush cleaning
		9/19/21 10:05	9/19/21 12:26	2:21:00	2.35	0.3525	F	S/D for cleaning of Slip rings and Carbon brushes
		9/24/21 14:51	9/24/21 20:42	5:51:00	5.85	0.8775	F	Tripping of Kameng - Balipara Line-2
		9/30/21 8:36	9/30/21 15:18	6:43:00	6.72	1.0075	F	S/D to attend leakage in Spiral Pressure Transducer Pipeline
		10/3/21 1:17	10/3/21 3:01	1:44:00	1.73	0.26	F	Excitation Card malfunction
		10/8/21 12:03	10/8/21 13:46	1:43:00	1.72	0.2575	F	S/D for cleaning of Slip rings and Carbon brushes.
		10/19/21 10:09	10/19/21 12:22	2:13:00	2.22	0.3325	F	S/D for cleaning of Slip rings and Carbon brushes
		10/21/21 11:08	10/21/21 14:05	2:57:00	2.95	0.4425	F	Thorough checking of rotor, cleaning of Slip rings and Carbon brushes
		10/28/21 9:34	10/28/21 18:35	9:01:00	9.02	1.3525	F	Slip rings and Carbon brushes cleaning, attending leakage in Spiral Pressure Transducer System Pipelines
		11/5/21 11:03	11/5/21 13:00	1:57:00	1.95	0	F	S/D for cleaning of Slip rings and Carbon brushes
		11/11/21 10:03	11/11/21 12:44	2:41:00	2.68	0	F	S/D for cleaning of Slip rings and Carbon brushes
		12/17/21 0:07	12/19/21 9:41	57:34:00	57.57	0	F	S/D for inspection of ADIT-II leakage
		12/19/21 9:41	12/19/21 13:53	4:12:00	4.20	0.63	F	Low insulation resistance value of bus duct
		3/15/22 12:21	3/15/22 15:34	3:13:00	3.22	0	F	To facilitate vibration data collection
				0:00:00			F	
	Unit # III	4/1/21 0:00	5/1/21 0:00	720:00:00	720.00	29.6875	F	S/D for Penstock checking (S/D from 22/03/2021)
		5/1/21 0:00	5/13/21 0:00	288:00:00	288.00	0	F	
		5/13/21 0:00	5/14/21 14:03	38:03:00	38.05	5.3525	F	S/D for Busduct IR value low.
		6/6/21 17:59	6/6/21 21:25	3:26:00	3.43	0.515	F	S/D to attend GV Servomotor Oil Leakage.
		6/17/21 23:11	6/18/21 0:53	1:42:00	1.70	0.255	F	Smoke observed from flange joint of conservator to LV bushing of pipe line of B-phase GT
		6/18/21 8:32	6/19/21 16:22	33:50:00	33.83	5.075	F	S/D for R-phase GT problem
		6/19/21 20:31	6/19/21 21:22	0:51:00	0.85	0.1275	F	Problem in GT
		7/7/21 12:18	7/7/21 13:54	1:44:00	1.73	0.26	F	HMC EHT Filter Cleaning.
		7/21/21 14:56	7/21/21 22:35	7:39:00	7.65	1.1475	F	R-Phase Generating Transformer's PRV operated.
		8/11/21 10:10	8/11/21 13:05	2:55:00	2.92	0.4375	F	S/D for HS Pump filter cleaning work
		8/17/21 10:32	8/17/21 12:09	1:37:00	1.62	0.2425	F	S/D for HS pump filter cleaning.
		8/18/21 15:02	9/1/21 0:00	320:58:00	320.97	48.145	F	S/D for labyrinth problem
		9/1/21 0:00	9/29/21 18:44	690:44:00	690.73	103.61	F	
		9/30/21 15:36	9/30/21 17:55	2:19:00	2.32	0.3475	F	S/D to attend leakage through DT Gate of Unit-IV.
		10/1/21 15:04	10/1/21 17:26	2:22:00	2.37	0.355	F	S/D to attend leakage through DT Gate of Unit-IV.
		10/3/21 10:05	10/3/21 13:19	3:14:00	3.23	0.485	F	S/D to attend leakage through DT Gate of Unit-IV.
		10/3/21 11:04	10/3/21 14:08	3:04:00	3.07	0.46	F	S/D to attend leakage through DT Gate of Unit-IV.
		10/4/21 12:03	10/4/21 15:17	3:14:00	3.23	0.485	F	S/D to attend leakage through DT Gate of Unit-IV.
		10/5/21 10:05	10/5/21 11:20	1:15:00	1.25	0.1875	F	S/D to attend leakage through DT Gate of Unit-IV.
		10/16/21 8:06	11/1/21 0:00	327:54:00	327.90	49.185	F	S/D for labyrinth problem
		11/1/21 0:00	11/14/21 19:19	331:19:00	331.32	8.1475	F	
		11/15/21 23:22	11/16/21 16:24	17:02:00	17.03	0	F	HS Pump failure leading to High Temp. of LGB Pad.
		12/17/21 0:15	12/19/21 9:41	57:26:00	57.43	3.2525	F	S/D for inspection of ADIT-II leakage
		12/19/21 9:41	12/19/21 15:43	6:02:00	6.03	0.905	F	Low insulation resistance value of bus duct
		3/7/22 0:00	3/21/22 19:30	355:30:00	355.50	0	F	S/D for DGA report of R-ph Gaseartor Transformer is very much higher side
Kameng HPS	Unit # IV	4/1/21 0:00	5/1/21 0:00	720:00:00	720.00	29.6875	F	S/D for Penstock checking (S/D from 22/03/2021)
		5/1/21 0:00	5/12/21 18:08	282:08:00	282.13	0	F	
		5/17/21 15:46	5/18/21 18:37	26:51:00	26.85	0	F	S/D for stator earth fault.
		5/21/21 5:14	5/21/21 12:16	7:02:00	7.03	0	F	Malfuctioning of KI-62 relay.
		6/26/21 5:24	7/1/21 0:00	114:36:00	114.60	11.55	F	S/D for rotor earth fault problem.
		7/1/21 0:00	7/1/21 18:11	18:11:00	18.18	2.7275	F	
		7/21/21 10:02	7/21/21 13:01	2:59:00	2.98	0.4475	F	S/D for attending spark discharge observed at slip rings
		7/29/21 16:14	7/29/21 18:55	2:41:00	2.68	0.4025	F	Rotor Earth fault.
		8/10/21 12:07	8/10/21 14:51	2:44:00	2.73	0.41	F	S/D for HS Pump filter cleaning work.
		8/25/21 18:22	8/25/21 20:43	2:21:00	2.35	0.3525	F	Tripped for Rotor Earth fault
		8/28/21 18:58	8/28/21 21:00	2:04:00	2.07	0.31	F	Excitation Card fault.
		9/7/21 10:04	9/7/21 12:12	2:08:00	2.13	0.32	F	U-IV (10:04 hrs to 12:12 hrs) for cleaning of Slip rings and Carbon brushes
		9/9/21 7:07	9/9/21 15:02	7:55:00	7.92	1.1875	F	S/D to attend water leakage through pivot ring and discharge ring coupling studs & to attend fluctuating EHT pressure of Governor
		9/19/21 22:35	10/1/21 0:00	265:25:00	265.42	39.8125	F	S/D for labyrinth problem (S/D Contd)
		10/9/21 0:00	11/1/21 0:00	744:00:00	744.00	80.515	F	
		11/1/21 0:00	12/1/21 0:00	720:00:00	720.00	8.1475	F	
		12/1/21 0:00	1/1/22 0:00	744:00:00	744.00	4.28	F	
		3/3/22 0:00	3/15/22 15:32	351:32:00	351.53	0	F	
				0:00:00	0.00		F	

Energy Generation and Loss During the Year 2021-22

Kameng

Month	Design Energy	Actual Generation	Loss for Forced outage	Loss for Planned outage	Loss for System Constraint	Loss for Power Regulation /Un-Schedule	Expected Generation	Loss of Generation for less inflow	Average Inflow	Inflow on 1st Day of month	Actual Plant Availability Factor (PAF)	M/C Availability
	MU	MU	MU	MU	MU	MU	MU	MU	Mtr	Mtr	%	%
1	2	3	4	5	6 A	6 B	7	8=7-3-4-5-6	9	10	11	12
Apr-21	221.74	76.3972	114.62500	0.0000	0.0000	0.1510	221.7400	30.5668	28.11	0.00	29.39	**28.42**
May-21	317.62	195.8477	16.52000	0.0000	0.0000	0.9121	317.6200	104.3402	79.04	33.71	65.17	**62.87**
Jun-21	368.080	286.0878	54.88000	0.0000	0.0000	0.8430	368.0800	26.2692	129.61	67.04	75.20	**73.79**
Jul-21	424.08	414.6705	16.35500	0.0000	0.0000	0.5557	424.0800		398.02	289.50	94.80	**96.34**
Aug-21	424.08	290.1860	159.16500	0.0000	0.0000	0.1575	424.0800		404.58	436.56	65.98	**64.34**
Sep-21	410.4	281.1379	153.10500	0.0000	0.0000	0.2067	410.4000		293.36	434.76	68.18	**64.56**
Oct-21	350.15	282.4353	135.22750	0.0000	0.0000	0.5429	350.1500		153.36	130.38	65.17	**62.81**
Nov-21	225.33	209.3334	16.29500	0.0000	0.0000	0.5282	225.3300		67.60	78.95	64.81	**62.72**
Dec-21	165.06	155.3729	9.99500	0.0000	0.0000	0.1695	165.06		47.72	58.36	70.87	**68.54**
Jan-22	136.610	125.8167	0.00000	0.0000	0.0000	0.0438	136.6100	10.7495	39.08	43.13	82.03	**88.19**
Feb-22	115.22	105.7883	0.00000	0.0000	0.0000	0.0167	115.2200	9.4150	36.67	36.61	87.54	**100.00**
Mar-22	194.63	153.2792	0.00000	0.0000	0.0000	0.1966	194.6300	41.1542	47.19	36.18	78.96	**86.31**
Total	3353	2576.3529	676.16750	0.0000	0.0000	4.3236	3353	222.4950	**144.73**		**70.66**	**71.50**

Note: 1. The expected generation (Col-7) is as per the Design energy.

2. There is no loss of generation for less inflow (Col-8) in the month of July to Dec as the actual generation including losses is more than the Expected Generation/Design energy.

3. There is no Energy loss for Planned Shutdown (APM) during non-spillage period.

4. No Energy loss considred for forced outages which are during non-spilling period and water saved were utilised for further generation.

FRL = 770 Mtr, MDDL = 764.5 Mtr

Date	Inflow	Status of Spillage (Spilling/Not spilling)	Duration		Total
			from (hrs)	To (hrs.)	Hrs.
1-Apr-22	55.31	Not Spilling			
2-Apr-22	60.98	Not Spilling			
3-Apr-22	60.16	Not Spilling			
4-Apr-22	65.92	Not Spilling			
5-Apr-22	57.49	Not Spilling			
6-Apr-22	46.85	Not Spilling			
7-Apr-22	176.62	Spilling	0:00:00	24:00:00	24:00:00
8-Apr-22	187.06	Spilling	0:00:00	24:00:00	24:00:00
9-Apr-22	101.42	Spilling	0:00:00	24:00:00	24:00:00
10-Apr-22	92.20	Spilling	0:00:00	24:00:00	24:00:00
11-Apr-22	171.53	Spilling	0:00:00	24:00:00	24:00:00
12-Apr-22	173.57	Spilling	0:00:00	24:00:00	24:00:00
13-Apr-22	156.56	Spilling	0:00:00	24:00:00	24:00:00
14-Apr-22	138.96	Spilling	0:00:00	24:00:00	24:00:00
15-Apr-22	144.30	Spilling	0:00:00	24:00:00	24:00:00
16-Apr-22	80.95	Spilling	0:00:00	24:00:00	24:00:00
17-Apr-22	85.83	Spilling	0:00:00	24:00:00	24:00:00
18-Apr-22	104.55	Spilling	0:00:00	24:00:00	24:00:00
19-Apr-22	93.13	Spilling	0:00:00	24:00:00	24:00:00
20-Apr-22	107.68	Spilling	0:00:00	24:00:00	24:00:00
21-Apr-22	82.57	Spilling	0:00:00	24:00:00	24:00:00
22-Apr-22	111.35	Spilling	0:00:00	24:00:00	24:00:00
23-Apr-22	117.87	Spilling	0:00:00	24:00:00	24:00:00
24-Apr-22	125.39	Spilling	0:00:00	24:00:00	24:00:00
25-Apr-22	105.91	Spilling	0:00:00	24:00:00	24:00:00
26-Apr-22	82.02	Spilling	0:00:00	24:00:00	24:00:00
27-Apr-22	78.74	Spilling	0:00:00	24:00:00	24:00:00
28-Apr-22	80.63	Spilling	0:00:00	24:00:00	24:00:00
29-Apr-22	93.49	Spilling	0:00:00	24:00:00	24:00:00
30-Apr-22	101.94	Spilling	0:00:00	24:00:00	24:00:00
1-May-22	120.99	Spilling	0:00:00	24:00:00	24:00:00
2-May-22	54.45	Spilling	0:00:00	24:00:00	24:00:00
3-May-22	50.79	Spilling	0:00:00	24:00:00	24:00:00
4-May-22	108.49	Spilling	0:00:00	24:00:00	24:00:00
5-May-22	82.42	Spilling	0:00:00	7:00:00	7:00:00
6-May-22	51.58	Not Spilling			
31-May-22	90.60	Not Spilling			
1-Jun-22	136.02	Spilling	4:44:00	10:20:00	5:36:00
2-Jun-22	89.34	Not Spilling			
3-Jun-22	108.43	Not Spilling			
4-Jun-22	152.60	Not Spilling			
5-Jun-22	160.30	Spilling	6:30:00	10:35:00	4:05:00
6-Jun-22	123.06	Not Spilling			

7-Jun-22	189.83	Spilling	8:51:00 19:52:00	17:30:00 24:00:00	12:47:00
8-Jun-22	226.07	Spilling	00:00:00 20:08:00	12:40:00 24:00:00	15:52:00
9-Jun-22	216.13	Spilling	0:00:00	12:08:00	12:08:00
10-Jun-22	176.94	Spilling	10:15:00	15:30:00	5:15:00
11-Jun-22	256.93	Spilling	1:00:00 19:36:00	16:24:00 24:00:00	19:48:00
12-Jun-22	181.27	Spilling	0:00:00	10:40:00	10:40:00
13-Jun-22	168.01	Spilling	19:00:00	24:00:00	5:00:00
14-Jun-22	232.02	Spilling	0:00:00	24:00:00	24:00:00
15-Jun-22	246.14	Spilling	0:00:00	24:00:00	24:00:00
16-Jun-22	263.73	Spilling	0:00:00	24:00:00	24:00:00
17-Jun-22	253.00	Spilling	0:00:00	24:00:00	24:00:00
18-Jun-22	212.92	Spilling	0:00:00	24:00:00	24:00:00
19-Jun-22	117.36	Spilling	0:00:00	24:00:00	24:00:00
20-Jun-22	218.47	Spilling	0:00:00	24:00:00	24:00:00
21-Jun-22	390.79	Spilling	0:00:00	24:00:00	24:00:00
22-Jun-22	279.67	Spilling	0:00:00	24:00:00	24:00:00
23-Jun-22	229.86	Spilling	0:00:00	24:00:00	24:00:00
24-Jun-22	357.52	Spilling	0:00:00	24:00:00	24:00:00
25-Jun-22	415.31	Spilling	0:00:00	24:00:00	24:00:00
26-Jun-22	301.52	Spilling	0:00:00	24:00:00	24:00:00
27-Jun-22	259.35	Spilling	0:00:00	24:00:00	24:00:00
28-Jun-22	384.62	Spilling	0:00:00	24:00:00	24:00:00
29-Jun-22	495.15	Spilling	0:00:00	24:00:00	24:00:00
30-Jun-22	471.87	Spilling	0:00:00	24:00:00	24:00:00
1-Jul-22	480.14	Spilling	0:00:00	24:00:00	24:00:00
2-Jul-22	310.38	Spilling	0:00:00	24:00:00	24:00:00
3-Jul-22	219.57	Spilling	0:00:00	24:00:00	24:00:00
4-Jul-22	166.92	Spilling	0:00:00	24:00:00	24:00:00
5-Jul-22	164.46	Spilling	0:00:00	24:00:00	24:00:00
6-Jul-22	151.89	Spilling	0:00:00	24:00:00	24:00:00
7-Jul-22	119.02	Spilling	00:00:00 16:05:00	04:30:00 19:30:00	7:55:00
8-Jul-22	130.92	Spilling	13:00:00	24:00:00	11:00:00
9-Jul-22	152.37	Spilling	0:00:00	24:00:00	24:00:00
10-Jul-22	141.24	Spilling	0:00:00	14:30:00	14:30:00
11-Jul-22	136.72	Not Spilling			
12-Jul-22	144.58	Not Spilling			
13-Jul-22	152.75	Not Spilling			
14-Jul-22	169.88	Spilling	1:09:00	9:00:00	7:51:00
15-Jul-22	135.80	Not Spilling			
16-Jul-22	115.79	Not Spilling			
17-Jul-22	105.44	Not Spilling			
18-Jul-22	102.29	Not Spilling			
19-Jul-22	129.42	Not Spilling			
20-Jul-22	342.15	Spilling	4:30:00	24:00:00	19:30:00



21-Jul-22	252.02	Spilling	00:00:00 19:15:00	11:50:00 24:00:00	16:35:00
22-Jul-22	432.94	Spilling	0:00:00	24:00:00	24:00:00
23-Jul-22	237.57	Spilling	0:00:00	24:00:00	24:00:00
24-Jul-22	243.86	Spilling	0:00:00	24:00:00	24:00:00
25-Jul-22	217.25	Spilling	0:00:00	24:00:00	24:00:00
26-Jul-22	267.28	Spilling	0:00:00	24:00:00	24:00:00
27-Jul-22	428.31	Spilling	0:00:00	24:00:00	24:00:00
28-Jul-22	349.82	Spilling	0:00:00	24:00:00	24:00:00
29-Jul-22	346.39	Spilling	0:00:00	24:00:00	24:00:00
30-Jul-22	397.00	Spilling	0:00:00	24:00:00	24:00:00
31-Jul-22	482.98	Spilling	0:00:00	24:00:00	24:00:00
1-Aug-22	525.56	Spilling	0:00:00	24:00:00	24:00:00
2-Aug-22	486.46	Spilling	0:00:00	24:00:00	24:00:00
3-Aug-22	481.41	Spilling	0:00:00	24:00:00	24:00:00
4-Aug-22	371.52	Spilling	0:00:00	24:00:00	24:00:00
5-Aug-22	352.10	Spilling	0:00:00	24:00:00	24:00:00
6-Aug-22	432.89	Spilling	0:00:00	24:00:00	24:00:00
7-Aug-22	322.59	Spilling	0:00:00	24:00:00	24:00:00
8-Aug-22	304.01	Spilling	0:00:00	24:00:00	24:00:00
9-Aug-22	237.87	Spilling	0:00:00	24:00:00	24:00:00
10-Aug-22	269.03	Spilling	0:00:00	24:00:00	24:00:00
11-Aug-22	235.14	Spilling	0:00:00	24:00:00	24:00:00
12-Aug-22	167.74	Spilling	00:00:00 15:00:00	09:00:00 17:30:00	11:30:00
13-Aug-22	156.10	Spilling	8:30:00	24:00:00	15:30:00
14-Aug-22	201.13	Spilling	0:00:00	24:00:00	24:00:00
15-Aug-22	283.40	Spilling	0:00:00	24:00:00	24:00:00
16-Aug-22	201.59	Spilling	0:00:00	24:00:00	24:00:00
17-Aug-22	177.66	Spilling	00:00:00 20:00:00	15:00:00 24:00:00	19:00:00
18-Aug-22	181.28	Spilling	00:00:00 19:30:00	15:30:00 24:00:00	20:00:00
19-Aug-22	188.92	Spilling	00:00:00 21:30:00	15:30:00 24:00:00	21:00:00
20-Aug-22	198.94	Spilling	0:00:00	24:00:00	24:00:00
21-Aug-22	155.39	Spilling	0:00:00	17:42:00	17:42:00
22-Aug-22	140.88	Not Spilling			
23-Aug-22	143.18	Not Spilling			
24-Aug-22	132.02	Not Spilling			
25-Aug-22	130.77	Not Spilling			
26-Aug-22	119.89	Not Spilling			
27-Aug-22	154.99	Not Spilling			
28-Aug-22	149.95	Spilling	22:45:00	24:00:00	1:15:00
29-Aug-22	201.00	Spilling	00:00:00 16:30:00	15:00:00 24:00:00	22:30:00

30-Aug-22	196.10	Spilling	00:00:00 11:00:00 18:30:00	09:30:00 15:30:00 24:00:00	19:30:00
31-Aug-22	159.60	Spilling	00:00:00 23:00:00	16:30:00 24:00:00	17:30:00
1-Sep-22	214.45	Spilling	00:00:00 17:00:00	13:30:00 24:00:00	20:30:00
2-Sep-22	221.94	Spilling	0:00:00	24:00:00	24:00:00
3-Sep-22	168.21	Spilling	0:00:00	24:00:00	24:00:00
4-Sep-22	170.80	Spilling	00:00:00 11:30:00	06:30:00 24:00:00	19:00:00
5-Sep-22	173.95	Spilling	00:00:00 19:45:00	15:30:00 24:00:00	19:45:00
6-Sep-22	193.29	Spilling	00:00:00 22:30:00	16:30:00 24:00:00	18:00:00
7-Sep-22	365.75	Spilling	0:00:00	24:00:00	24:00:00
8-Sep-22	422.16	Spilling	0:00:00	24:00:00	24:00:00
9-Sep-22	272.81	Spilling	0:00:00	24:00:00	24:00:00
10-Sep-22	189.80	Spilling	0:00:00	24:00:00	24:00:00
11-Sep-22	168.38	Spilling	0:00:00	24:00:00	24:00:00
12-Sep-22	164.21	Spilling	00:00:00 08:30:00	06:00:00 24:00:00	21:30:00
13-Sep-22	168.67	Spilling	0:00:00	24:00:00	24:00:00
14-Sep-22	164.74	Spilling	0:00:00	24:00:00	24:00:00
15-Sep-22	160.55	Spilling	0:00:00	24:00:00	24:00:00
16-Sep-22	204.50	Spilling	0:00:00	24:00:00	24:00:00
17-Sep-22	223.66	Spilling	0:00:00	24:00:00	24:00:00
18-Sep-22	160.76	Spilling	0:00:00	24:00:00	24:00:00
19-Sep-22	140.42	Spilling	00:00:00 09:00:00	06:00:00 20:30:00	17:30:00
20-Sep-22	124.16	Spilling	0:00:00	11:00:00	11:00:00
21-Sep-22	126.22	Not Spilling			
22-Sep-22	129.18	Not Spilling			
23-Sep-22	125.28	Not Spilling			
24-Sep-22	156.24	Spilling	19:00:00	24:00:00	5:00:00
25-Sep-22	189.63	Spilling	0:00:00	24:00:00	24:00:00
26-Sep-22	157.32	Spilling	00:00:00 18:30:00	12:41:00 24:00:00	18:11:00
27-Sep-22	143.39	Spilling	0:00:00 10:00:00 23:00:00	5:30:00 18:30:00 24:00:00	15:00:00
28-Sep-22	162.99	Spilling	0:00:00	24:00:00	24:00:00
29-Sep-22	255.80	Spilling	0:00:00	24:00:00	24:00:00
30-Sep-22	147.88	Spilling	0:00:00	16:00:00	16:00:00

1-Oct-22	130.70	Spilling	13:00:00	14:30:00	1:30:00
2-Oct-22	122.46	Not Spilling			
3-Oct-22	114.34	Not Spilling			
4-Oct-22	116.75	Not Spilling			
5-Oct-22	184.27	Spilling	03:00:00 19:30:00	13:30:00 24:00:00	15:00:00
6-Oct-22	165.92	Spilling	0:00:00	14:00:00	14:00:00
7-Oct-22	137.92	Not Spilling			
8-Oct-22	129.47	Spilling	11:00:00	14:30:00	3:30:00
9-Oct-22	123.84	Not Spilling			
10-Oct-22	140.18	Spilling	1:00:00	8:30:00	7:30:00
11-Oct-22	128.28	Not Spilling			
24-Oct-22	83.43	Not Spilling			
25-Oct-22	734.58	Spilling	6:00:00	24:00:00	18:00:00
26-Oct-22	317.74	Spilling	0:00:00	24:00:00	24:00:00
27-Oct-22	161.34	Spilling	0:00:00	19:00:00	19:00:00
28-Oct-22		Not Spilling			
to					
31-Mar-23		Not Spilling			



Planned & Forced Outage of Kameng units for the year 2022-23

Up-dated upto 31/03/2023

Project	Unit	From unit	From Time mm/dd/yy hrs	To Time mm/dd/yy hrs	Duration in Hrs	Duration in Decimal Hrs	Loss based on RWL MU	Outage type	Reasons
Kameng	Unit # I	I	4/1/22 0:00	5/1/22 0:00	720:00:00	720.00	99.4000	P	APM works (S/D was from 30/03/2022)
		I	5/1/22 0:00	5/20/22 22:17	478:17:00	478.28	15.4500		
		I	5/21/22 9:44	5/21/22 16:09	6:25:00	6.42	0.0	F	Stator earth fault.
		I	7/16/22 8:06	7/16/22 16:08	8:02:00	8.03	0.0	F	S/D for maintenance of runner aeration valve.
		I	7/29/22 10:08	7/29/22 12:03	1:55:00	1.92	0.2875	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		I	8/17/22 8:05	8/17/22 12:55	4:50:00	4.83	0.7250	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		I	8/5/22 8:05	8/5/22 14:54	6:49:00	6.82	1.0225	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		I	9/6/22 12:59	9/6/22 14:38	1:39:00	1.65	0.2475	F	UGB Auxiliary Relay Failure.
		I	9/11/22 10:33	9/11/22 11:14	0:41:00	0.68	0.1025	F	UAB Supply Failure.
		I	9/21/22 9:04	9/21/22 11:55	2:51:00	2.85	0.0	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		I	10/2/22 10:06	10/2/22 13:00	2:54:00	2.90	0.0	F	S/D for Cleaning of Slip Ring and Carbon Brushes.
		I	10/18/22 17:00	10/18/22 18:00	1:00:00	1.00	0.0	F	Problem in HMC Governor
		I	10/19/22 18:00	10/19/22 18:33	0:33:00	0.55	0.0	F	Malfunctioning of Auxiliary relay during changeover from SSB to UAT
		I	10/19/22 18:33	10/19/22 19:01	0:28:00	0.47	0.0	F	Low forward power
		I	10/20/22 16:33	10/20/22 17:32	0:59:00	0.98	0.0	F	Low forward power
		I	10/21/22 16:22	10/21/22 16:38	0:16:00	0.27	0.0	F	Low forward power
		I	10/26/22 9:01	10/26/22 17:31	8:28:00	8.47	1.2700	F	Cleaning of heat exchanger.
		I	11/17/22 16:59	11/17/22 17:17	0:18:00	0.30	0.0	F	Low forward power.
		I	11/18/22 5:49	11/18/22 6:11	0:22:00	0.37	0.0	F	Low forward power.
		I	11/19/22 18:07	11/19/22 19:25	1:18:00	1.30	0.0	F	Abnormal audible humming sound.
		I	11/20/22 17:00	11/21/22 16:44	23:44:00	23.73	0.0	F	S/D for investigating abnormal audible humming sound
		I	11/23/22 5:53	11/23/22 6:00	0:07:00	0.12	0.0	F	Low forward power
		I	11/30/22 12:07	11/30/22 12:30	0:23:00	0.38	0.0	F	Facilitated Vibration data collection of barrel concrete.
		I	12/10/22 0:00	1/1/23 0:00	528:00:00	528.00	0.0	P	Planned S/D for modification of turbine and generator components (S/D Contd.)
		I	1/1/23 0:00	2/1/23 0:00	744:00:00	744.00	0.0		
		I	2/1/23 0:00	3/1/23 0:00	672:00:00	672.00	0.0		
		I	3/1/23 0:00	4/1/23 0:00	744:00:00	744.00	0.0		
		I			0:00:00	0.00		F	
	Unit # II	II	4/8/22 8:05	4/20/22 0:00	327:55:00	327.92	46.8000	F	S/D of the Power Station for rectification of Spillage through Adit II Plug
		II	4/20/22 0:00	5/1/22 0:00	264:00:00	264.00	39.6000	P	APM works
		II	5/1/22 0:00	5/10/22 14:50	230:50:00	230.83	15.4500		
		II	6/6/22 7:09	6/6/22 12:53	5:44:00	5.73	0.0	F	S/D for sudden drop of DSL.
		II	6/14/22 10:36	6/14/22 12:32	1:56:00	1.93	0.2900	F	Cleaning of Slip rings and Carbon brushes.
		II	6/14/22 18:05	6/14/22 20:49	2:44:00	2.73	0.4100	F	Thrust bearing temperature very high.
		II	6/16/22 1:43	6/16/22 2:16	0:33:00	0.55	0.0825	F	Thrust Pad tempecature high
		II	6/16/22 3:11	6/16/22 21:28	18:17:00	18.28	2.7425	F	Thrust Pad temperature high
		II	6/16/22 22:51	7/1/22 0:00	337:09:00	337.15	50.5725	F	S/D for low HS Pressure and high thrust pad temp
		II	7/1/22 0:00	7/10/22 11:45	227:45:00	227.75	34.1625		
		II	7/27/22 10:06	7/27/22 11:44	1:38:00	1.63	0.2450	F	S/D for cleaning of the Slip rings, Carbon brushes
		II	8/5/22 10:07	8/5/22 12:54	2:47:00	2.78	0.4175	F	S/D for Cleaning of Slip Ring and Carbon Brush.
		II	8/16/22 8:05	8/16/22 13:55	5:50:00	5.83	0.8750	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		II	9/7/22 8:06	9/7/22 14:54	6:48:00	6.80	1.0200	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		II	9/20/22 9:04	9/20/22 12:03	2:59:00	2.98	0.4475	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		II	9/30/22 10:06	9/30/22 12:48	2:42:00	2.70	0.4050	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		II	10/3/22 8:55	10/3/22 16:44	7:49:00	7.82	0.0	F	S/D for Cleaning of Slip Ring and Carbon Brushes.
		II	10/8/22 10:09	10/8/22 13:00	2:51:00	2.85	0.4275	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		II	10/12/22 2:42	10/12/22 8:52	6:10:00	6.17	0.0	F	GT differential relay operated.
		II	10/26/22 9:09	10/26/22 17:41	8:32:00	8.53	1.2800	F	Cleaning of heat exchanger.
		II	11/16/22 17:44	11/17/22 16:25	22:41:00	22.68	0.0	F	S/D for leakage of water from aeration valve
		II	11/29/22 12:12	11/29/22 16:31	4:19:00	4.32	0.0	F	Facilitated Vibration data collection of barrel concrete.
		II	12/1/22 0:00	12/27/22 20:21	644:21:00	644.35	0.0	P	APM works
		II	1/26/23 16:54	1/26/23 17:05	0:11:00	0.18	0.0	F	Tripped due to low forward power trip
		II	2/4/23 17:53	2/4/23 20:55	3:02:00	3.03	0.0	F	S/D for audible abnormal sound, high vibration and temperature of TGB
		II	2/22/23 18:45	2/22/23 18:18	1:33:00	1.55	0.0	F	Unit Auxiliary Relay problem
		II	2/25/23 15:29	2/25/23 16:45	1:16:00	1.27	0.0	F	S/D for Cleaning of Slip Rings and Carbon Brushes
		II			0:00:00	0.00		F	
	Unit # III	III	4/8/22 7:49	5/1/22 0:00	592:11:00	592.18	86.4000	F	S/D of the Power Station for rectification of Spillage through Adit II Plug
		III	5/1/22 0:00	5/4/22 15:43	87:43:00	87.72	13.1575		
		III	6/7/22 7:06	6/7/22 18:03	10:57:00	10.95	1.6425	F	S/D for degassing from R-phase GT.
		III	7/4/22 10:05	7/4/22 13:24	3:19:00	3.32	0.4975	F	Slip rings and carbon brushes cleaning
		III	8/19/22 8:05	8/19/22 14:15	6:10:00	6.17	0.9250	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		III	9/16/22 9:05	9/16/22 11:57	2:52:00	2.87	0.4300	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		III	9/27/22 9:04	9/27/22 16:59	7:55:00	7.92	1.1875	F	S/D for High Vibration at UGB.
		III	9/29/22 4:06	9/29/22 15:05	34:59:00	34.98	5.2475	F	S/D for High Vibration at UGB.
		III	10/5/22 10:08	10/5/22 10:39	0:31:00	0.52	0.0775	F	EHGC Aux Relay supply failed.
		III	10/8/22 9:11	10/8/22 12:48	3:37:00	3.62	0.0	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		III	11/7/22 14:35	11/7/22 18:16	3:41:00	3.68	0.0	F	S/D for Cleaning of Slip Rings and Carbon Brushes for sudden drop of IR value.
		III	1/16/23 17:39	1/16/23 12:00	18:21:00	18.35	0.0	F	S/D for high vibration of UGB
		III	1/24/23 15:45	1/24/23 17:20	1:35:00	1.58	0.0	F	Synchronisation delayed for High UGB Vibration
		III	2/3/23 11:22	2/3/23 20:10	8:48:00	8.80	0.0	F	S/D for UGB high vibration
		III	2/15/23 0:00	3/1/23 0:00	336:00:00	336.00	0.0	P	APM Works
		III	3/1/23 0:00	3/30/23 16:20	712:20:00	712.33	0.0		
		III			0:00:00	0.00		F	
	Unit # IV	IV	4/8/22 8:05	5/1/22 0:00	591:55:00	591.92	86.4000	F	S/D of the Power Station for rectification of Spillage through Adit II Plug
		IV	5/1/22 0:00	5/1/22 19:32	19:32:00	19.53	2.9300		
		IV	5/2/22 4:41	5/2/22 5:50	1:09:00	1.15	0.1725	F	Generator rotor winding temp very high
		IV	5/17/22 6:53	5/17/22 8:00	1:07:00	1.12	0.0	F	Governor DC supply failure
		IV	6/16/22 11:06	6/16/22 13:38	2:32:00	2.53	0.3800	F	Slip Ring & Carbon Brush cleaning
		IV	6/23/22 10:04	6/23/22 14:30	4:26:00	4.43	0.6650	F	Slip Ring and Carbon Brush Cleaning
		IV	6/23/22 14:30	6/23/22 16:36	2:06:00	2.10	0.3150	F	Delayed for starting problem of Auxiliaries
		IV	6/30/22 10:06	6/30/22 13:07	3:01:00	3.02	0.4525	F	S/D to attend leakage at OPU's nitrogen banks.
		IV	7/9/22 10:07	7/9/22 12:56	2:49:00	2.82	0.4225	F	Slip Ring and Carbon Brush Cleaning
		IV	7/10/22 1:46	7/10/22 5:51	4:05:00	4.08	0.6125	F	High TGB pad/oil temperature & 24 Volt DC Governor supply failed
		IV	7/26/22 10:06	7/26/22 12:43	2:37:00	2.62	0.3925	F	S/D for cleaning of Slip Ring and Carbon brushes
		IV	8/9/22 10:03	8/9/22 13:00	2:57:00	2.95	0.4425	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		IV	8/20/22 8:06	8/20/22 14:17	6:11:00	6.18	0.9275	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		IV	9/3/22 9:08	9/3/22 11:52	2:44:00	2.73	0.4100	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		IV	9/12/22 8:04	9/12/22 13:38	5:34:00	5.57	0.8350	F	S/D for cleaning of Slip Ring and Carbon Brushes.
		IV	10/1/22 10:07	10/1/22 12:47	2:40:00	2.67	0.4000	F	S/D for Cleaning of Slip Ring and Carbon Brushes.
		IV	10/11/22 10:07	10/11/22 13:11	3:04:00	3.07	0.0	F	S/D for Cleaning of Slip Ring and Carbon Brushes.
		IV	10/26/22 17:40	10/26/22 18:50	1:10:00	1.17	0.1750	F	Cleaning of heat exchanger.
		IV	10/31/22 17:00	10/31/22 17:32	0:32:00	0.53	0.0	F	Delayed for abnormal sound from bypass valve.
		IV	11/29/22 11:51	11/29/22 12:04	0:13:00	0.22	0.0	F	Facilitated Vibration data collection of barrel concrete.
		IV	11/30/22 12:39	11/30/22 16:41	4:02:00	4.03	0.0	F	Facilitated Vibration data collection of barrel concrete.
		IV	1/2/23 0:00	1/11/23 15:48	231:48:00	231.80	0.0	P	APM works
		IV	1/11/23 17:47	1/12/23 14:07	20:20:00	20.33	0.0	F	S/D for high LGB Vibration.
		IV			0:00:00	0.00		F	

Energy Generation and Loss During the Year 2022-23

Kameng

Month	Design Energy	Actual Generation	Loss for Forced outage	Loss for Planned outage	Loss for System Constraint	Loss for Power Regulation /Un-Schedule	Expected Generation	Loss of Generation for less inflow	Average Inflow	Inflow on 1st Day of month	Actual Plant Availability Factor (PAF)	M/C Availability
	MU	MU	MU	MU	MU	MU	MU	MU	Mtr	Mtr	%	%
1	2	3	4	5	6 A	6 B	7	8=7-3-4-5-6	9	10	11	12
Apr-23	221.74	34.9393	219.6000	126.0000	0.0000	0.0018	221.740		104.70	55.31	13.97	**13.33**
May-23	317.62	213.7435	16.2600	30.9000	0.0000	0.2465	317.620	56.4700	85.91	120.99	73.29	**72.28**
Jun-23	368.080	347.9715	57.5525	0.0000	0.0000	0.1481	368.080		243.81	136.02	87.05	**86.48**
Jul-23	424.08	382.8354	36.6200	0.0000	0.0000	0.2281	424.080	4.3965	233.13	480.14	90.01	**91.53**
Aug-23	424.08	426.2304	4.3125	0.0000	0.0000	0.2896	424.080		240.62	525.56	97.53	**99.03**
Sep-23	410.4	408.2110	11.3550	0.0000	0.0000	0.1802	410.400		188.90	214.45	97.08	**97.27**
Oct-23	350.15	359.8140	3.6300	0.0000	0.0000	0.5893	350.150		142.20	130.70	96.64	**98.27**
Nov-23	225.33	226.9410	0.0000	0.0000	0.0000	0.1222	225.330		73.88	92.80	97.25	**97.88**
Dec-23	165.06	157.9420	0.0000	0.0000	0.0000	0.4004	165.060	6.7176	52.52	59.12	60.96	**60.61**
Jan-24	136.610	124.2428	0.0000	0.0000	0.0000	0.8484	136.610	11.5188	41.51	46.06	66.80	**65.85**
Feb-24	115.22	102.9070	0.0000	0.0000	0.0000	0.0598	115.220	12.2532	39.18	41.45	61.33	**61.95**
Mar-24	194.63	126.9760	0.0000	0.0000	0.0000	0.0130	194.630	67.6410	43.13	36.93	52.13	**51.06**
Total	3353	2912.7539	349.33000	156.9000	0.0000	3.1276	3353	158.9970	**124.51**		**74.62**	**74.74**

Note: 1. The expected generation (Col-7) is as per the Design energy.

2. There is no loss of generation for less inflow (Col-8) in the month of Apr, May, Aug, Sep, Oct & Nov as the actual generation including losses is more than the Expected Generation/Design energy.

3. There is no Energy loss for Planned Shutdown (APM) during non-spillage period.

4. No Energy loss considred for forced outages which are during non-spilling period and water saved were utilised for further generation.

FRL = 770 Mtr, MDDL = 764.5 Mtr

Date	Inflow	Status of Spillage (Spilling/Not spilling)	Duration		Total
			from (hrs)	To (hrs.)	Hrs.
10-Jun-23	57.39	Not Spilling			
11-Jun-23	137.44	Spilling	12:15:00	24:00:00	11:45:00
12-Jun-23	103.89	Spilling	0:00:00	6:10:00	6:10:00
13-Jun-23	116.97	Spilling	5:30:00	16:00:00	10:30:00
14-Jun-23	114.59	Spilling	01:30:00 09:30:00 21:40:00	06:10:00 18:30:00 24:00:00	16:00:00
15-Jun-23	126.87	Spilling	0:00:00	19:05:00	19:05:00
16-Jun-23	106.86	Not Spilling			
17-Jun-23	97.62	Spilling	2:10:00	5:48:00	3:38:00
18-Jun-23	117.94	Spilling	18:48:00	24:00:00	5:12:00
19-Jun-23	122.74	Spilling	00:00:00 09:30:00 18:18:00	04:30:00 15:30:00 24:00:00	16:12:00
20-Jun-23	155.47	Spilling	0:00:00	24:00:00	24:00:00
21-Jun-23	158.53	Spilling	0:00:00	24:00:00	24:00:00
22-Jun-23	158.99	Spilling	0:00:00	24:00:00	24:00:00
23-Jun-23	142.21	Spilling	0:00:00	24:00:00	24:00:00
24-Jun-23	111.48	Spilling	00:00:00 23:00:00	16:30:00 24:00:00	17:30:00
25-Jun-23	82.34	Spilling	0:00:00	16:00:00	16:00:00
26-Jun-23	111.96	Spilling	1:00:00	10:21:00	9:21:00
27-Jun-23	86.39	Not Spilling			
28-Jun-23	85.74	Not Spilling			
29-Jun-23	141.83	Spilling	14:30:00	24:00:00	9:30:00
30-Jun-23	139.49	Spilling	00:00:00 18:30:00	12:00:00 24:00:00	17:30:00
1-Jul-23	156.25	Spilling	0:00:00	24:00:00	24:00:00
2-Jul-23	185.86	Spilling	0:00:00	24:00:00	24:00:00
3-Jul-23	168.01	Spilling	0:00:00	24:00:00	24:00:00
4-Jul-23	196.89	Spilling	0:00:00	24:00:00	24:00:00
5-Jul-23	185.23	Spilling	0:00:00	24:00:00	24:00:00
6-Jul-23	160.40	Spilling	0:00:00	24:00:00	24:00:00
7-Jul-23	174.61	Spilling	0:00:00	24:00:00	24:00:00
8-Jul-23	213.13	Spilling	0:00:00	24:00:00	24:00:00
9-Jul-23	213.40	Spilling	0:00:00	24:00:00	24:00:00
10-Jul-23	266.29	Spilling	0:00:00	24:00:00	24:00:00
11-Jul-23	272.43	Spilling	0:00:00	24:00:00	24:00:00
12-Jul-23	197.67	Spilling	0:00:00	24:00:00	24:00:00

13-Jul-23	184.85	Spilling	0:00:00	24:00:00	24:00:00
14-Jul-23	218.89	Spilling	0:00:00	24:00:00	24:00:00
15-Jul-23	244.21	Spilling	0:00:00	24:00:00	24:00:00
16-Jul-23	331.11	Spilling	0:00:00	24:00:00	24:00:00
17-Jul-23	373.91	Spilling	0:00:00	24:00:00	24:00:00
18-Jul-23	245.22	Spilling	0:00:00	24:00:00	24:00:00
19-Jul-23	164.53	Spilling	0:00:00	24:00:00	24:00:00
20-Jul-23	163.43	Spilling	0:00:00	24:00:00	24:00:00
21-Jul-23	165.40	Spilling	0:00:00	24:00:00	24:00:00
22-Jul-23	260.63	Spilling	0:00:00	24:00:00	24:00:00
23-Jul-23	219.16	Spilling	0:00:00	24:00:00	24:00:00
24-Jul-23	263.10	Spilling	0:00:00	24:00:00	24:00:00
25-Jul-23	194.12	Spilling	0:00:00	24:00:00	24:00:00
26-Jul-23	211.30	Spilling	0:00:00	24:00:00	24:00:00
27-Jul-23	198.89	Spilling	0:00:00	24:00:00	24:00:00
28-Jul-23	216.51	Spilling	0:00:00	24:00:00	24:00:00
29-Jul-23	269.44	Spilling	0:00:00	24:00:00	24:00:00
30-Jul-23	254.21	Spilling	0:00:00	24:00:00	24:00:00
31-Jul-23	273.56	Spilling	0:00:00	24:00:00	24:00:00
1-Aug-23	184.73	Spilling	0:00:00	24:00:00	24:00:00
2-Aug-23	170.44	Spilling	0:00:00	24:00:00	24:00:00
3-Aug-23	285.91	Spilling	0:00:00	24:00:00	24:00:00
4-Aug-23	432.56	Spilling	0:00:00	24:00:00	24:00:00
5-Aug-23	363.64	Spilling	0:00:00	24:00:00	24:00:00
6-Aug-23	256.98	Spilling	0:00:00	24:00:00	24:00:00
7-Aug-23	327.08	Spilling	0:00:00	24:00:00	24:00:00
8-Aug-23	364.36	Spilling	0:00:00	24:00:00	24:00:00
9-Aug-23	301.84	Spilling	0:00:00	24:00:00	24:00:00
10-Aug-23	310.88	Spilling	0:00:00	24:00:00	24:00:00
11-Aug-23	264.10	Spilling	0:00:00	24:00:00	24:00:00
12-Aug-23	255.93	Spilling	0:00:00	24:00:00	24:00:00
13-Aug-23	608.02	Spilling	0:00:00	24:00:00	24:00:00
14-Aug-23	353.80	Spilling	0:00:00	24:00:00	24:00:00
15-Aug-23	372.54	Spilling	0:00:00	24:00:00	24:00:00
16-Aug-23	372.10	Spilling	0:00:00	24:00:00	24:00:00
17-Aug-23	287.54	Spilling	0:00:00	24:00:00	24:00:00
18-Aug-23	318.60	Spilling	0:00:00	24:00:00	24:00:00
19-Aug-23	270.09	Spilling	0:00:00	24:00:00	24:00:00
20-Aug-23	247.41	Spilling	0:00:00	24:00:00	24:00:00
21-Aug-23	299.76	Spilling	0:00:00	24:00:00	24:00:00
22-Aug-23	517.65	Spilling	0:00:00	24:00:00	24:00:00
23-Aug-23	407.55	Spilling	0:00:00	24:00:00	24:00:00
24-Aug-23	377.95	Spilling	0:00:00	24:00:00	24:00:00
25-Aug-23	405.88	Spilling	0:00:00	24:00:00	24:00:00
26-Aug-23	389.12	Spilling	0:00:00	24:00:00	24:00:00
27-Aug-23	385.02	Spilling	0:00:00	24:00:00	24:00:00
28-Aug-23	361.48	Spilling	0:00:00	24:00:00	24:00:00
29-Aug-23	343.73	Spilling	0:00:00	24:00:00	24:00:00
30-Aug-23	307.58	Spilling	0:00:00	24:00:00	24:00:00
31-Aug-23	354.46	Spilling	0:00:00	24:00:00	24:00:00
1-Sep-23	266.86	Spilling	0:00:00	24:00:00	24:00:00
2-Sep-23	250.96	Spilling	0:00:00	24:00:00	24:00:00

3-Sep-23	210.25	Spilling	0:00:00	24:00:00	24:00:00
4-Sep-23	188.07	Spilling	0:00:00	24:00:00	24:00:00
5-Sep-23	185.41	Spilling	0:00:00	24:00:00	24:00:00
6-Sep-23	172.22	Spilling	0:00:00	24:00:00	24:00:00
7-Sep-23	173.16	Spilling	0:00:00	24:00:00	24:00:00
8-Sep-23	143.67	Spilling	0:00:00	24:00:00	24:00:00
9-Sep-23	144.99	Spilling	0:00:00	24:00:00	24:00:00
10-Sep-23	149.92	Spilling	0:00:00	24:00:00	24:00:00
11-Sep-23	183.92	Spilling	0:00:00	24:00:00	24:00:00
12-Sep-23	279.09	Spilling	0:00:00	24:00:00	24:00:00
13-Sep-23	197.48	Spilling	0:00:00	24:00:00	24:00:00
14-Sep-23	156.33	Spilling	0:00:00	24:00:00	24:00:00
15-Sep-23	156.51	Spilling	0:00:00	24:00:00	24:00:00
16-Sep-23	155.33	Spilling	0:00:00	24:00:00	24:00:00
17-Sep-23	132.20	Spilling	0:00:00	24:00:00	24:00:00
18-Sep-23	134.10	Spilling	0:00:00	24:00:00	24:00:00
19-Sep-23	121.33	Spilling	0:00:00	24:00:00	24:00:00
20-Sep-23	158.69	Spilling	0:00:00	24:00:00	24:00:00
21-Sep-23	256.91	Spilling	0:00:00	24:00:00	24:00:00
22-Sep-23	205.94	Spilling	0:00:00	24:00:00	24:00:00
23-Sep-23	146.22	Spilling	0:00:00	24:00:00	24:00:00
24-Sep-23	132.35	Spilling	0:00:00	24:00:00	24:00:00
25-Sep-23	133.42	Spilling	0:00:00	24:00:00	24:00:00
26-Sep-23	148.04	Spilling	0:00:00	24:00:00	24:00:00
27-Sep-23	173.42	Spilling	0:00:00	24:00:00	24:00:00
28-Sep-23	139.55	Spilling	0:00:00	24:00:00	24:00:00
29-Sep-23	100.85	Spilling	0:00:00	24:00:00	24:00:00
30-Sep-23	105.27	Spilling	0:00:00	24:00:00	24:00:00
1-Oct-23	128.32	Spilling	0:00:00	24:00:00	24:00:00
2-Oct-23	134.29	Spilling	0:00:00	24:00:00	24:00:00
3-Oct-23	115.23	Spilling	0:00:00	24:00:00	24:00:00
4-Oct-23	133.93	Spilling	0:00:00	24:00:00	24:00:00
5-Oct-23	141.74	Spilling	0:00:00	24:00:00	24:00:00
6-Oct-23	140.51	Spilling	0:00:00	24:00:00	24:00:00
7-Oct-23	161.99	Spilling	0:00:00	24:00:00	24:00:00
8-Oct-23	135.56	Spilling	0:00:00	24:00:00	24:00:00
9-Oct-23	133.47	Spilling	0:00:00	24:00:00	24:00:00
10-Oct-23	132.64	Spilling	0:00:00	21:00:00	21:00:00
11-Oct-23	113.36	Not Spilling			
12-Oct-23	104.83	Not Spilling			
13-Oct-23	104.14	Not Spilling			
14-Oct-23	98.36	Not Spilling			
15-Oct-23	112.01	Not Spilling			
16-Oct-23	111.70	Not Spilling			
17-Oct-23	94.49	Not Spilling			
18-Oct-23	89.37	Not Spilling			
19-Oct-23	87.12	Not Spilling			
20-Oct-23	84.80	Not Spilling			
21-Oct-23	81.29	Not Spilling			
22-Oct-23	78.38	Not Spilling			
23-Oct-23	76.62	Not Spilling			
24-Oct-23	74.98	Not Spilling			



25-Oct-23	73.35	Not Spilling			
26-Oct-23	71.96	Not Spilling			
27-Oct-23	70.82	Not Spilling			
28-Oct-23	70.88	Not Spilling			
29-Oct-23	69.09	Not Spilling			
30-Oct-23	67.22	Not Spilling			
31-Oct-23	66.05	Not Spilling			
1-Nov-23	64.13	Not Spilling			
2-Nov-23	63.52	Not Spilling			
3-Nov-23	63.30	Not Spilling			
4-Nov-23	62.82	Not Spilling			
5-Nov-23	62.28	Not Spilling			
6-Nov-23	61.25	Not Spilling			
7-Nov-23	60.20	Not Spilling			
8-Nov-23	58.66	Not Spilling			
9-Nov-23	57.70	Not Spilling			
10-Nov-23	58.77	Not Spilling			
11-Nov-23	57.03	Not Spilling			
12-Nov-23	56.28	Not Spilling			
13-Nov-23	54.93	Not Spilling			
14-Nov-23	53.77	Not Spilling			
15-Nov-23	52.70	Not Spilling			
16-Nov-23	52.27	Not Spilling			
17-Nov-23	52.52	Not Spilling			
18-Nov-23	52.28	Not Spilling			
19-Nov-23	51.01	Not Spilling			
20-Nov-23	50.32	Not Spilling			
21-Nov-23	49.84	Not Spilling			
22-Nov-23	50.28	Not Spilling			
23-Nov-23	50.43	Not Spilling			
24-Nov-23	48.71	Not Spilling			
25-Nov-23	47.95	Not Spilling			
26-Nov-23	48.13	Not Spilling			
27-Nov-23	47.32	Not Spilling			
28-Nov-23	47.44	Not Spilling			
29-Nov-23	46.26	Not Spilling			
30-Nov-23	45.54	Not Spilling			



Planned & Forced Outage of Kameng units for the year 2023-24

Up-dated upto 31/03/2024

Project	Unit	From		To		Duration in Decimal Hrs	Loss based on RWL MU	Outage type	Reasons
		unit	Time mm/dd/yy hrs	Time mm/dd/yy hrs	Duration in Hrs				
Kameng	Unit # I	I	4/1/23 0:00	5/1/23 0:00	720:00:00	720.00	0.0000	P	Planned S/D for modification of turbine and generator components (S/D from 10/12/2023)
		I	5/1/23 0:00	6/1/23 0:00	744:00:00	744.00	0.0000		
		I	6/1/23 0:00	7/1/23 0:00	720:00:00	720.00	38.1575		
		I	7/1/23 0:00	7/6/23 17:27	137:27:00	137.45	20.6175		
		I	7/14/23 8:06	7/14/23 18:57	10:51:00	10.85	1.6275	F	S/D for checking of bearings as per recommendation of OEM.
		I	7/30/23 11:08	7/30/23 13:57	2:51:00	2.85	0.4275	F	Cleaning of Slip Ring and Carbon Brushes.
		I	8/1/23 10:58	8/1/23 12:22	1:24:00	1.40	0.2100	F	Governor abnormalities observed.
		I	8/16/23 9:03	8/16/23 12:44	3:41:00	3.68	0.5525	F	S/D for cleaning of Slip Ring and Carbon Brush.
		I	9/14/23 10:07	9/14/23 13:11	3:04:00	3.07	0.4600	F	S/D for cleaning of slip rings & carbon brushes
		I	9/14/23 13:11	9/14/23 13:58	0:47:00	0.78	0.1175	F	Low Forward Power Trip due to governor issue
		I	9/20/23 4:00	9/21/23 0:00	20:00:00	20.00	3.0000	F	Oil leakage from hydraulic over speed device & high LGB vibration after Grid failure at 02:55 of 20/09/2023
		I	9/21/23 0:00	10/1/23 0:00	240:00:00	240.00	36.0000	F	High LGB vibration after Grid failure at 02:55 of 20/09/2023
		I	10/1/23 0:00	10/5/23 15:42	111:42:00	111.70	16.7550		
		I	12/5/23 16:45	12/5/23 17:12	0:27:00	0.45	0.0000	F	HP Pump oil leakage
		I	1/3/24 15:30	1/3/24 15:47	0:17:00	0.28	0.0000	F	Delay in synchronisation for Governor problem.
		I	2/22/24 16:30	2/22/24 16:52	0:22:00	0.37	0.0000	F	Low forward power.
		I	2/23/24 16:30	2/23/24 16:43	0:13:00	0.22	0.0000	F	Low forward power.
		I	2/27/24 16:00	2/27/24 16:29	0:29:00	0.48	0.0000	F	Low forward power.
		I	3/15/24 17:19	3/15/24 18:00	0:41:00	0.68	0.0000	F	Sparking observed at B-phase GT of U-III (during excitation)
		I			0:00:00	0.00		F	
	Unit # II	II	4/2/23 12:45	4/2/23 16:18	3:33:00	3.55	0.0000	F	S/D for checking of UGB Vibration
		II	4/11/23 17:15	4/11/23 19:14	1:59:00	1.98	0.0000	F	Burning of breaker module at UAB of MIV OPU
		II	6/15/23 8:06	6/15/23 13:52	5:46:00	5.77	0.8650	F	S/D for leakage of water from aeration valve.
		II	6/21/23 12:41	6/21/23 14:17	1:36:00	1.60	0.2400	F	S/D for leakage of water from aeration valve
		II	6/23/23 9:04	6/23/23 11:20	2:16:00	2.27	0.3400	F	S/D for aeration valve leakage repair work
		II	6/25/23 1:07	6/25/23 15:18	14:11:00	14.18	2.1275	F	S/D for thrust pad temperature high alarm due to failure of treated cooling water system.
		II	8/1/23 9:05	8/1/23 10:50	1:45:00	1.75	0.2625	F	Cleaning of Slip Ring and Carbon Brushes.
		II	8/23/23 8:05	8/23/23 18:03	9:58:00	9.97	1.4950	F	S/D to clean out the clogged heat exchanger.
		II	9/20/23 4:00	9/20/23 12:50	8:50:00	8.83	1.3250	F	Damage of mechanical overspeed device after Grid failure at 02:55 hrs
		II	10/6/23 22:33	10/7/23 1:21	2:48:00	2.80	0.4200	F	S/D for cleaning of slip rings and carbon brushes.
		II	10/8/23 9:03	10/8/23 14:57	5:54:00	5.90	0.8850	F	S/D to attend water leakage through aeration valve.
		II	10/8/23 19:04	10/8/23 21:38	2:34:00	2.57	0.3850	F	S/D to attend water leakage through aeration valve.
		II	11/27/23 0:00	12/1/23 0:00	96:00:00	96.00	0.0000	P	APM works (S/D Contd.)
		II	12/1/23 0:00	12/6/23 20:19	140:19:00	140.32	0.0000		
		II	12/8/23 20:25	12/8/23 22:38	2:13:00	2.22	0.0000	F	Preparation for Test Synchronization.
		II	2/4/24 17:00	2/6/24 10:22	41:22:00	41.37	0.0000	F	Distributed Processing unit (DPU) card failure.
		II	3/15/24 17:19	3/15/24 19:31	2:12:00	2.20	0.0000	F	Sparking observed at B-phase GT of U-III (during excitation)
		II	3/28/24 0:16	3/28/24 0:38	0:22:00	0.37	0.0000	F	Excitation stage III fault
		II			0:00:00	0.00		F	
	Unit # III	III	6/20/23 9:04	6/20/23 12:15	3:11:00	3.18	0.4775	F	S/D for cleaning of slip rings and carbon brushes.
		III	6/24/23 22:40	6/25/23 11:22	12:42:00	12.70	1.9050	F	S/D for failure of treated cooling water system
		III	7/6/23 9:04	7/6/23 12:19	3:15:00	3.25	0.4875	F	S/D for Cleaning of Slip Ring & Carbon Brush
		III	7/16/23 9:04	7/16/23 11:57	2:53:00	2.88	0.4325	F	S/D for cleaning of Slip rings & Carbon brushes
		III	7/22/23 12:57	7/22/23 18:56	5:59:00	5.98	0.8975	F	S/D to arrest water leakage from top cover.
		III	8/11/23 10:53	8/11/23 13:58	3:05:00	3.08	0.4625	F	S/D for Slip Ring and Carbon Brush cleaning.
		III	8/12/23 13:35	8/12/23 18:24	4:49:00	4.82	0.7225	F	E/S/D for water leakage from Top Cover.
		III	9/18/23 13:44	9/18/23 14:31	0:47:00	0.78	0.1175	F	Excitation stage-III problem
		III	2/12/24 0:00	3/1/24 0:00	432:00:00	432.00	0.0000	P	Modification of Turbine and Generator components,
		III	3/1/24 0:00	3/15/24 17:19	353:19:00	353.32	0.0000		
		III	3/15/24 17:19	3/24/24 12:07	210:47:59	210.80	0.0000	F	Replacement of B Phase Generator Transformer due to burn in fire.
		III			0:00:00	0.00		F	
	Unit # IV	IV	5/12/23 19:09	5/12/23 21:00	1:51:00	1.85	0.0000	F	Leakage at MOV of Treated Water pump outlet.
		IV	6/19/23 9:07	6/19/23 11:55	2:48:00	2.80	0.4200	F	S/D for cleaning of slip rings and carbon brushes.
		IV	6/24/23 10:03	6/24/23 13:42	3:39:00	3.65	0.5475	F	S/D for Sudden drop of OPU pressure (low Nitrogen bank pressure)
		IV	6/24/23 21:33	6/25/23 15:55	18:22:00	18.37	2.7550	F	S/D for thrust pad temperature high alarm due to failure of treated cooling water system
		IV	7/8/23 9:06	7/8/23 11:51	2:45:00	2.75	0.4125	F	S/D for Cleaning of Slip Rings & Carbon Brushes.
		IV	7/18/23 9:36	7/18/23 12:22	2:46:00	2.77	0.4150	F	S/D for cleaning of Slip rings, Carbon brushes etc.
		IV	8/1/23 13:35	8/1/23 16:38	3:03:00	3.05	0.4575	F	S/D for cleaning of Slip rings, Carbon brushes etc.
		IV	8/11/23 8:04	8/11/23 10:43	2:39:00	2.65	0.3975	F	S/D for Slip Ring and Carbon Brush cleaning.
		IV	8/17/23 8:06	8/17/23 14:17	6:11:00	6.18	0.9275	F	S/D for cleaning of heat exchangers.
		IV	8/25/23 8:06	8/25/23 15:46	7:40:00	7.67	1.1500	F	S/D to clean out clogged heat exchanger.
		IV	8/28/23 13:06	8/28/23 20:33	7:27:00	7.45	1.1175	F	S/D for Clogging of heat exchanger.
		IV	8/30/23 12:35	8/30/23 17:48	5:13:00	5.22	0.7825	F	S/D to attend water leakage from Top Cover
		IV	9/6/23 10:04	9/6/23 15:31	5:27:00	5.45	0.8175	F	S/D for high vibration of TGB.
		IV	9/8/23 5:07	10/1/23 0:00	546:53:00	546.88	82.0325	F	S/D for TGB vibration problem, runner coupling stud broken & labyrinth damage
		IV	10/1/23 0:00	10/10/23 16:00	232:00:00	232.00	34.8000		
		IV	12/5/23 16:45	12/5/23 17:12	0:27:00	0.45	0.0000	F	Delayed due to HP Pump oil leakage
		IV	12/10/23 17:00	12/10/23 17:49	0:49:00	0.82	0.0000	F	Delayed for Governor problem.
		IV	12/19/23 20:02	12/21/23 13:47	41:45:00	41.75	0.0000	F	S/D to examine abnormal sound at Guide van observed during withdrawal of
		IV	1/8/24 10:07	1/8/24 10:51	0:44:00	0.73	0.0000	F	Generator Rotor Earth Fault
		IV	1/14/24 16:55	1/14/24 17:34	0:39:00	0.65	0.0000	F	Thrust bearing temperature high.
		IV	1/15/24 17:00	1/15/24 17:07	0:07:00	0.12	0.0000	F	Delayed for OPU control panel problem.
		IV	2/14/24 20:58	2/14/24 21:00	0:02:00	0.03	0.0000	F	Load oscillation
		IV	2/16/24 15:53	2/16/24 21:58	6:05:00	6.08	0.0000	F	S/D to attend load hunting issue.
		IV	3/15/24 17:19	3/15/24 18:05	0:46:00	0.77	0.0000	F	Sparking observed at B-phase GT of U-III (during excitation)
		IV			0:00:00	0.00		F	
						Planned	58.7750		
						Forced	200.0300		

Energy Generation and Loss During the Year 2023-24

Kameng

Month	Design Energy	Actual Generation	Loss for Forced outage	Loss for Planned outage	Loss for System Constraint	Loss for Power Regulation /Un-Schedule	Expected Generation	Loss of Generation for less inflow	Average Inflow	Inflow on 1st Day of month	Actual Plant Availability Factor (PAF)	M/C Availability
	MU	MU	MU	MU	MU	MU	MU	MU	Mtr	Mtr	%	%
1	2	3	4	5	6 A	6 B	7	8=7-3-4-5-6	9	10	11	12
Apr-23	221.74	130.1640	0.00000	0.0000	0.0000	0.1057	221.740	91.4703	47.17	42.04	75.76	**74.81**
May-23	317.62	160.1940	0.00000	0.0000	0.0000	0.0493	317.620	157.3767	53.73	72.25	74.94	**74.94**
Jun-23	368.080	244.9160	9.67750	38.1575	0.0000	0.0927	368.080	75.2363	95.42	43.03	75.76	**72.76**
Jul-23	424.08	427.4170	4.70000	20.6175	0.0000	0.8875	424.080		220.73	156.25	96.87	**94.33**
Aug-23	424.08	441.3130	8.53750	0.0000	0.0000	0.0480	424.080		338.67	184.73	100.49	**98.09**
Sep-23	410.4	313.0170	123.87000	0.0000	0.0000	0.8461	410.400		170.08	266.86	74.07	**71.33**
Oct-23	350.15	282.4510	53.24500	0.0000	0.0000	0.0277	350.150	14.4263	101.89	128.32	89.77	**88.07**
Nov-23	225.33	169.8800	0.00000	0.0000	0.0000	0.0196	225.330	55.4304	54.25	64.13	96.67	**96.67**
Dec-23	165.06	128.2260	0.00000	0.0000	0.0000	0.0290	165.060	36.8050	40.67	45.50	94.35	**93.75**
Jan-24	136.610	104.4100	0.00000	0.0000	0.0000	0.0012	136.610	32.1988	34.22	36.44	100.00	**99.94**
Feb-24	115.22	99.3440	0.00000	0.0000	0.0000	0.2343	115.220	15.6417	33.52	33.47	83.62	**82.74**
Mar-24	194.63	150.7700	0.00000	0.0000	0.0000	0.0080	194.630	43.8520	47.85	38.01	79.89	**80.91**
Total	3353	2652.1020	200.03000	58.7750	0.0000	2.3491	3353	522.4375	**103.69**		**86.94**	**85.78**

Note: 1. The expected generation (Col-7) is as per the Design energy.

2. There is no loss of generation for less inflow (Col-8) in the month of July, Aug & Sep as the actual generation including losses is more than the Expected Generation/Design energy.

3. There is no Energy loss for Planned Shutdown (APM) during non-spillage period.

4. No Energy loss considred for forced outages which are during non-spilling period and water saved were utilised for further generation.

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड
(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A Mini Ratna, Category-I, A Govt. of India Enterprise)
COMMERCIAL DEPARTMENT

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2016

NEEPCO/ED(Comm)/APDCL/2024-25/65 **Dated: 30/04/2024**

To,

The Chief General Manager (F & A)
Assam Power Distribution Company Ltd, Bijulee Bhawan.
Paltan Bazar,
GUWAHATI-781001

SUB: - Shortfall of Energy Charges for the period 2019-24.

Ref:- Bill No. NEEPCO/ASSA/2023-2024/1302/SUPP/01Dated 30/04/2024.

Dear Sir,

Enclosed please find herewith shortfall energy bill for **Rs. 40,59,45,657.00 (Rupees Forty Crore Fifty Nine Lakh Forty Five Thousand Six Hundred Fifty Seven Only)** calculated as per CERC Regulation 2024, clause 65 (7) & (8) where it is stated as follows: -

(7) In case the saleable scheduled energy (ex-bus) of a hydro generating station during a year is less than the saleable design energy (ex-bus) for reasons beyond the control of the generating station, the generating station may directly recover the shortfall in energy charges in six equal interest-free monthly instalments after adjusting for DSM Energy in the immediately following year and shall be subject to truing up at the end of the tariff period.
Provided that in case actual generation from a hydro generating station is less than the design energy for a continuous period of four years on account of hydrology factor, the generating station shall approach the Central Electricity Authority with relevant hydrology data for revision of design energy of the station.

(8) Any shortfall in the energy charges on account of saleable scheduled energy (ex-bus) being less than the saleable design energy (ex-bus) during the tariff period 2019-24, which was beyond the control of the generating station and which could not be recovered during the said tariff period shall be recovered in accordance with clause (7) of this Regulation.

The calculation sheet is enclosed herewith for ready reference.

Yours faithfully,

For **NEEPCO LTD. Shillong**

Authorised Signatory

NEEPCO/ED(Comm)/APDCL/2024-25/ **Dated: 30/04/2024**

COPY FOR INFORMATION FORWARDED TO: -

1. *General Manager(Comm) Tariff. Assam Power Distribution Company Ltd, Bijulee Bhawan Paltan Bazar, Guwahati-781001*

Authorised Signatory

कारपोरेट कार्यालय : ब्रुकलैंड कम्पाउण्ड, लोअर न्यू कॉलोनी, शिलांग
Corporate Office : Brookland Compound, Lower New Colony, Shillong - 793 003
दूरभाष/Tel. : 0364-2226091 | 2505879 | 2501903 | 2502216 ❑ फैक्स नं./Fax No. : 0364-2225035
वेबसाईट/Website : www.neepco.com ❑ ई-मेल/E-mail : neepcocommercial@gmail.com | CIN : U4010ML1976GOI001658

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड

(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A Mini Ratna, Category-I, A Govt. of India Enterprise)

COMMERCIAL DEPARTMENT

Invoice No: NEEPCO/ASSA/2024-2025/1100/SHRTFL/01
Bill For : Shortfall of Energy for the period 2014-19.

Bill Date : 30-Apr-24
Bill Ref : Shortfall of Energy for the period 2014-19.
Other Ref :

From :
RANGANADI HYDRO ELECTRIC PROJECT
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.,
YAZALI, ARUNACHAL PRADESH.
GST IN/UIN : 12AAACN9991J4Z0

To :
The Chief General Manager (F & A)
Assam Power Distribution Company Ltd,
Bijulee Bhawan,
Paltan Bazar,
GUWAHATI-781001
GST IN/UIN : 18AABCL1354JIZJ

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
	a) Shortfall of Energy FY 2021-22	27160000	0%	37447637		1.343	50292176.0(
	b) Shortfall of Energy FY 2023-24	27160000	0%	26824577		1.403	37634882.0(
	TOTAL						87927058.0(

Total Amount Payable : 87927058.0(

Amount Payable (in words) : Rupees Eight Crore SeventyNine Lakh TwentySeven Thousand FiftyEight Only

E & OE

For NEEPCO Limited

Accounts Officer
O/OED, Comml, NEEPCO Ltd
Shillong
Authorised Signatory

कारपोरेट कार्यालय : ब्रुकलैंड कम्पाउण्ड, लोअर न्यू कॉलोनी, शिलांग
Corporate Office : Brookland Compound, Lower New Colony, Shillong - 793 003
दूरभाष/Tel. : 0364-2226091 | 2505879 | 2501903 | 2502216 ❑ फैक्स नं./Fax No. : 0364-2225035
वेबसाइट/Website : www.neepco.com ❑ ई-मेल/E-mail : neepcocommercial@gmail.com | CIN : U4010ML1976GOI001658

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड

(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A Mini Ratna, Category-I, A Govt. of India Enterprise)

COMMERCIAL DEPARTMENT

Invoice No: NEEPCO/ASSA/2024-2025/1600/SHRTFL/01
Bill For : Shortfall of Energy for the period 2014-19.

Bill Date : 30-Apr-24
Bill Ref :
Other Ref : _____

From :
DOYANG HYDRO ELECTRIC PROJECT
NORTH EASTERN ELECTRIC POWER CORPORATION LtD.,
WOKHA DISTRICT, NAGALAND
GST IN/UIN : 13AAACN9991J1Z1

To :
The Chief General Manager (F & A)
Assam Power Distribution Company Ltd,
Bijulee Bhawan,
Paltan Bazar,
GUWAHATI-781001
GST IN/UIN : 18AABCL1354J1ZJ

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
	a) Shortfall of Energy FY 2019-20	27160000	0%	2648481		3.077	8149376.00
	b) Shortfall of Energy FY 2021-22	27160000	0%	39863703		3.265	130154990.00
	c) Shortfall of Energy FY 2022-23	27160000	0%	3411431		3.375	11513580.00
	d) Shortfall of Energy FY 2023-24	27160000	0%	16276820		3.406	56747967.00
	TOTAL						206565913.00

Total Amount Payable : 206565913.00

Amount Payable (in words) : Rupees Twenty Crore SixtyFive Lakh SixtyFive Thousand Nine Hundred Thirteen Only

E & OE

For NEEPCO Limited

Authorised Signatory

कारपोरेट कार्यालय : ब्रुकलैंड कम्पाउण्ड, लोअर न्यू कॉलोनी, शिलांग
Corporate Office : Brookland Compound, Lower New Colony, Shillong - 793 003
दूरभाष/Tel. : 0364-2226091 | 2505879 | 2501903 | 2502216 ❑ फैक्स नं./Fax No. : 0364-2225035
वेबसाइट/Website : www.neepco.com ❑ ई-मेल/E-mail : neepcocommercial@gmail.com | CIN : U4010ML1976GOI001658

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड

(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A Mini Ratna, Category-I, A Govt. of India Enterprise)

COMMERCIAL DEPARTMENT

Invoice No NEEPCO/ASSA/2024-2025/1400/SHRTFL/01
Bill For : Shortfall of Energy for the period 2014-19.

Bill Date : 30-Apr-24
Bill Ref : Shortfall of Energy for the period 2014-19.
REA Letter No :

From :	To :
KAMENG HYDRO ELECTRIC PROJECT NORTH EASTERN ELECTRIC POWER CORPORATION LtD., KIMI WEST KAMENG DISTRICT, ARUNACHAL PRADESH, 790114. GST IN/UIN : 12AAACN9991J3Z1	The Chief General Manager (F & A) Assam Power Distribution Company Ltd, Bijulee Bhawan, Paltan Bazar, GUWAHATI-781001 GST IN/UIN : 18AABCL1354JIZJ

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
1	Sale of Electricity :-						
	a) Shortfall of Energy FY 2021-22	27160000	0%	14678505		2.000	29357010.00
	b) Shortfall of Energy FY 2023-24	27160000	0%	41047838		2.000	82095676.00
	TOTAL						111452686.00

Total Amount Payable :	11,14,52,686.00
Amount Payable (in words) :	Rupees Eleven Crore Fourteen Lakh FiftyTwo Thousand Six Hundred EightySix Only

E & OE

For NEEPCO Limited

30/4/24

Accounts Officer
O/OED (Comml), NEEPCO Ltd
Shillong

Authorised Signatory

कारपोरेट कार्यालय : ब्रुकलैड कम्पाउण्ड, लोअर न्यू कॉलोनी, शिलांग
Corporate Office : Brookland Compound, Lower New Colony, Shillong - 793 003
दूरभाष/Tel. : 0364-2226091 | 2505879 | 2501903 | 2502216 ❑ फैक्स नं./Fax No. : 0364-2225035
वेबसाइट/Website : www.neepco.com ❑ ई-मेल/E-mail : neepcocommercial@gmail.com | CIN : U4010ML1976GOI001658

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड
(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A Mini Ratna, Category-I, A Govt. of India Enterprise)
COMMERCIAL DEPARTMENT

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

NEEPCO/ED(Comm)/ArP/2024-25/ 63 Dated: 30/04/2024.

To

Executive Engineer (IT)
Department of Power
Govt. of Arunachal Pradesh
Arunachal Pradesh, Itanagar,
PIN: 791 111.

SUB: - Shortfall of Energy Charges for the period 2019-24.

Ref:- Bill No. NEEPCO/ARUN/2023-2024/1302/SUPP/01Dated 30/04/2024.

Dear Sir,

Enclosed please find herewith shortfall energy bill for **Rs. 6,42,89,417.00 (Rupees Six Crore Forty Two Lakh Eighty Nine Thousand Four Hundred Seventeen Only)** calculated as per CERC Regulation 2024, clause 65 (7) & (8) where it is stated as follows: -

(7) In case the saleable scheduled energy (ex-bus) of a hydro generating station during a year is less than the saleable design energy (ex-bus) for reasons beyond the control of the generating station, the generating station may directly recover the shortfall in energy charges in six equal interest-free monthly instalments after adjusting for DSM Energy in the immediately following year and shall be subject to truing up at the end of the tariff period.
Provided that in case actual generation from a hydro generating station is less than the design energy for a continuous period of four years on account of hydrology factor, the generating station shall approach the Central Electricity Authority with relevant hydrology data for revision of design energy of the station.

(8) Any shortfall in the energy charges on account of saleable scheduled energy (ex-bus) being less than the saleable design energy (ex-bus) during the tariff period 2019-24, which was beyond the control of the generating station and which could not be recovered during the said tariff period shall be recovered in accordance with clause (7) of this Regulation.

The calculation sheet is enclosed herewith for ready reference.

Yours faithfully,

For **NEEPCO LTD. Shillong**

30/4/24

Authorised Signatory

Chief Financial Manager (C)
Executive Director (Comml)
NEEPCO Ltd., Shillong

NEEPCO/ED(Comm)/ArP/2024-25/ **Dated: 30/04/2024.**

COPY FOR INFORMATION FORWARDED TO: -

1. Executive Engineer (Electrical), Capital Electrical Division, Deptt. Of power, C-Sector, Itanagar-791111, A. Pradesh.

Authorised Signator

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड

(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A Mini Ratna, Category-I, A Govt. of India Enterprise)

COMMERCIAL DEPARTMENT

Invoice No: NEEPCO/ARUN/2024-2025/1100/SHRTFL/01
Bill For : Shortfall of Energy for the period 2014-19.

Bill Date : 30-Apr-24
Bill Ref : Shortfall of Energy for the period 2014-19.
Other Ref :

From :
RANGANADI HYDRO ELECTRIC PROJECT
NORTH EASTERN ELECTRIC POWER CORPORATION LtD.,
YAZALI, ARUNACHAL PRADESH.
GST IN/UIN : 12AAACN9991J4Z0

To :
Executive Engineer (IT)
Department of Power ,
Govt. of Arunachal Pradesh,
Itanagar, Arunachal Pradesh - 793111.
GST IN/UIN :

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
	a) Shortfall of Energy FY 2021-22	27160000	0%	5584994		1.343	7500647.0
	b) Shortfall of Energy FY 2023-24	27160000	0%	4000656		1.403	5612920.0
	TOTAL						13113567.0

Total Amount Payable : 13113567.0

Amount Payable (in words) : Rupees One Crore ThirtyOne Lakh Thirteen Thousand Five Hundred SixtySeven Only

E & OE

For NEEPCO Limited
30/4/24
Accounts Officer
O/OED (Comml) NEEPCO Ltd
Shillong
Authorised Signatory

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड
(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A Mini Ratna, Category-I, A Govt. of India Enterprise)
COMMERCIAL DEPARTMENT

Invoice No: NEEPCO/ARUN/2024-2025/1600/SHRTFL/01
Bill For : Shortfall of Energy for the period 2014-19.

Bill Date : 30-Apr-24
Bill Ref :
Other Ref :

From :
DOYANG HYDRO ELECTRIC PROJECT
NORTH EASTERN ELECTRIC POWER CORPORATION Ltd.,
WOKHA DISTRICT, NAGALAND
GST IN/UIN : 13AAACN9991J1Z1

To :
Executive Engineer (IT)
Department of Power ,
Govt. of Arunachal Pradesh,
Itanagar, Arunachal Pradesh - 793111.
GST IN/UIN :

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
	a) Shortfall of Energy FY 2019-20	27160000	0%	414248		3.077	1274641.00
	b) Shortfall of Energy FY 2021-22	27160000	0%	6235073		3.265	20357513.00
	c) Shortfall of Energy FY 2022-23	27160000	0%	533581		3.375	1800636.00
	d) Shortfall of Energy FY 2023-24	27160000	0%	2546167		3.486	8875938.00
	TOTAL						32308928.00

Total Amount Payable : **32308928.00**

Amount Payable (in words) : Rupees Three Crore TwentyThree Lakh Eight Thousand Nine Hundred TwentyEight Only

E & OE

For NEEPCO Limited
30/4/24
Accounts Officer
O/OED (Comml) NEEPCO Ltd
Shillong
Authorised Signatory

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड

(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A Mini Ratna, Category-I, A Govt. of India Enterprise)

COMMERCIAL DEPARTMENT

Invoice No: NEEPCO/ARUN/2024-2025/1400/SHRTFL/01
Bill For : Shortfall of Energy for the period 2014-19.

Bill Date : 30-Apr-24
Bill Ref : Shortfall of Energy for the period 2014-19.
REA Letter No :

From :	To :
KAMENG HYDRO ELECTRIC PROJECT NORTH EASTERN ELECTRIC POWER CORPORATION Ltd., KIMI WEST KAMENG DISTRICT, ARUNACHAL PRADESH, 790114. GST IN/UIN : 12AAACN9991J3Z1	Executive Engineer (IT) Department of Power , Govt. of Arunachal Pradesh, Itanagar, Arunachal Pradesh - 793111. GST IN/UIN :

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
1	Sale of Electricity :-						
	a) Shortfall of Energy FY 2021-22	27160000	0%	2484805		2.000	4969610.00
	b) Shortfall of Energy FY 2023-24	27160000	0%	6948656		2.000	13897312.00
	TOTAL						18866922.00

Total Amount Payable :	1,88,66,922.00
Amount Payable (in words) :	Rupees One Crore EightyEight Lakh SixtySix Thousand Nine Hundred TwentyTwo Only

E & OE

For NEEPCO Limited

Accounts Officer
Authorised Signatory
O/OED (Comm) NEEPCO Ltd
Shillong

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड
(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A Mini Ratna, Category-I, A Govt. of India Enterprise)
COMMERCIAL DEPARTMENT

No. NEEPCO/Comml./F-100/2024-25/ 73 **Date: 30/04/2024.**

To,

Chief Engineer (RA & PM),
Chhattisgarh State Power Distribution Company Limited (CSPDCL),
Chhattisgargh, 4th Floor, Vidyut Sewa Bhawan,
Dangania (CSEB), Raipur,
Chhattisgargh - 492013.

SUB: - Shortfall of Energy Charges for the period 2019-24.

Ref:- **Bill No. NEEPCO/CHAT/2024-2025/1400/SHRTFL/01 Dated 30/04/2024.**

Dear Sir,

Enclosed please find herewith shortfall energy bill for **Rs. 2,22,82,308.00 (Rupees Two Crore Twenty Two Lakh Eighty Two Thousand Three Hundred Eight Only)** calculated as per CERC Regulation 2024, clause 65 (7) & (8) where it is stated as follows: -

(7) In case the saleable scheduled energy (ex-bus) of a hydro generating station during a year is less than the saleable design energy (ex-bus) for reasons beyond the control of the generating station, the generating station may directly recover the shortfall in energy charges in six equal interest-free monthly instalments after adjusting for DSM Energy in the immediately following year and shall be subject to truing up at the end of the tariff period.
Provided that in case actual generation from a hydro generating station is less than the design energy for a continuous period of four years on account of hydrology factor, the generating station shall approach the Central Electricity Authority with relevant hydrology data for revision of design energy of the station.

(8) Any shortfall in the energy charges on account of saleable scheduled energy (ex-bus) being less than the saleable design energy (ex-bus) during the tariff period 2019-24, which was beyond the control of the generating station and which could not be recovered during the said tariff period shall be recovered in accordance with clause (7) of this Regulation.

The calculation sheet is enclosed herewith for ready reference.

Yours faithfully,

For **NEEPCO LTD. Shillong**

Authorised Signatory.

Chief General Manager (C)
Ofo Executive Director (Comml)
NEEPCO Ltd., Shillong

कारपोरेट कार्यालय : ब्रुकलैड कम्पाउण्ड, लोअर न्यू कॉलोनी, शिलांग
Corporate Office : Brookland Compound, Lower New Colony, Shillong - 793 003
दूरभाष/Tel. : 0364-2226091 | 2505879 | 2501903 | 2502216 ❑ फैक्स नं./Fax No. : 0364-2225035
वेबसाइट/Website : www.neepco.com ❑ ई-मेल/E-mail : neepcocommercial@gmail.com | CIN : U4010ML1976GOI001658

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड
(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A Mini Ratna, Category-I, A Govt. of India Enterprise)
COMMERCIAL DEPARTMENT
ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2016

Invoice No NEEPCO/CHAT/2024-2025/1400/SHRTFL/01
Bill For : Shortfall of Energy for the period 2014-19.

Bill Date : 30-Apr-24
Bill Ref : Shortfall of Energy for the period 2014-19.
REA Letter No :

From :
KAMENG HYDRO ELECTRIC PROJECT
NORTH EASTERN ELECTRIC POWER CORPORATION LtD.,
KIMI WEST KAMENG DISTRICT, ARUNACHAL PRADESH, 790114.
GST IN/UIN : 12AAACN9991J3Z1

To :
Chief Engineer (RA & PM),
Chhattisgarh State Power Distribution Company Limited (CSPDCL),
Chhattisgargh, 4th Floor, Vidyut Sewa Bhawan,
Dangania (CSEB), Raipur,
Chhattisgargh - 492013. Email cecomcseb@rediffmail.com
GST IN/UIN :

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
1	Sale of Electricity :-						
	a) Shortfall of Energy FY 2021-22	27160000	0%	2934617		2.000	5869234.00
	b) Shortfall of Energy FY 2023-24	27160000	0%	8206537		2.000	16413074.00
	TOTAL						22282308.00

Total Amount Payable :	2,22,82,308.00
Amount Payable (in words) :	Rupees Two Crore TwentyTwo Lakh EightyTwo Thousand Three Hundred Eight Only

E & OE

For NEEPCO Limited

Accounts Officer
O/OED (Commercial), NEEPCO Ltd
Shillong

कारपोरेट कार्यालय : ब्रुकलैंड कम्पाउण्ड, लोअर न्यू कॉलोनी, शिलांग
Corporate Office : Brookland Compound, Lower New Colony, Shillong - 793 003
दूरभाष/Tel. : 0364-2226091 | 2505879 | 2501903 | 2502216 ❑ फैक्स नं./Fax No. : 0364-2225035
वेसाइट/Website : www.neepco.com ❑ ई-मेल/E-mail : neepcocommercial@gmail.com | CIN : U4010ML1976GOI001658

R.Pal & Co.
Chartered Accountants

Membership No - 54234
Firm Registration No. 322343E
U-72 Office Complex, Upstairs Road, Shillong, Pin- 793001 Office : ☎ (0364-2224321, E-mail :
ranadhirpal@yahoo.com

To

The Director(Finance)
NEEPCO Ltd.
Shillong

Subject: - Certification for recoverable amount on account of shortfall in energy charges.

We have examined the attached statement in Annexure-I of recoverable amount on account of shortfall in energy charges due to reasons beyond the control of the generating stations of NEEPCO with the records produced before us. We have found that the same has been prepared in accordance with the provisions of the CERC (Tariff) Regulations 2024 notified on 15th March 2024. We have found that: -

1) The attached statement has been prepared based on CERC Tariff Regulations 2024 clause 68(7&8) which inter-alia allows the recovery of shortfall in energy charges (Difference between Saleable Design Energy and Saleable Scheduled Energy), during the tariff period 2019-24, for reasons beyond the control of the generating stations, after adjusting the DSM, directly from the beneficiaries in the immediate following year in six equal interest free monthly instalments subject to truing up at the end of the tariff period.

2) That the calculation of recovery of shortfall of energy charges has been made on the basis of the methodology prescribed by the CERC in its order dated 20.01.2024 on various petitions of NHPC for recovery of shortfall of energy charges of hydro stations.

For R. Pal & Co
Chartered Accountants

(RANADHIR PAL)
Proprietor
FRN: - 322343E
Membership No-54234

Place: Guwahati
Date: - 23.04.2024

UDIN: 24054234BKBH1G6788

Station wise break up of recoverable shortfall of energy in Rs Cr

Station	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Kameng			8.17		22.86	31.03
Tuirial	16.53	20.64	25.34	10.28	29.28	102.07
PLHPS/Ranganadi			10.21		7.64	17.86
Doyang	1.64	0.00	26.15	2.31	11.40	41.49
Grand Total	18.17	20.64	69.88	12.59	71.18	192.46

SUMMARY OF SHORTFALL OF ENERGY FOR THE PERIOD 2019-24

Beneficiaries	TUIRIAL	PANYOR	DOYANG	KAMENG	TOTAL
Ar.Pradesh	0.00	13113567.00	32308928.00	18866922.00	**64289417.00**
ASEB	0.00	87927058.00	206565913.00	111452686.00	**405945657.00**
Manipur	0.00	16991627.00	37085486.00	0.00	**54077113.00**
MeSEB	0.00	23347507.00	54013251.00	25718268.00	**103079026.00**
Mizoram	1020707719.00	11567214.00	24755092.00	0.00	**1057030025.00**
Nagaland	0.00	10826507.00	28135925.00	15430960.00	**54393392.00**
Tripura	0.00	14808062.00	32077883.00		**46885945.00**
CSPDCL	0			22282308.00	**22282308.00**
UPPC	0			94303744.00	**94303744.00**
HPPC	0			22282308.00	**22282308.00**
	1020707719.00	**178581542.00**	**414942478.00**	**310337196.00**	**1924568935.00**

30/1/24

Accounts Officer
O/OED (Comml) NEEPCO Ltd
Shillong

ENERGY SHORTFALL BEYOND CONTROL OF THE GENERATING STATION				
Name of the station:-**Kameng**	Unit	Year		
	Mu	2021-22	2022-23	2023-24
Maximum possible generation wrt to ava	MU	3,203.35	3,545.93	3,016.71
Design energy	MU	3,353.00	3,353.00	3,353.00
Shortfall/Excess		149.65	-192.93	336.29
Energy Loss Due To Silt Flushing	MU		0.00	0.00
Energy Loss Due To High Silt	MU		0.00	0.00
Energy Loss Due To Transmission Constra	MU		0.00	0.00
Less Schedule & URL less trading quantur	MU	4.32	3.13	2.34
Total	MU	153.98	-189.80	338.63
Ex bus energy	MU	134.14		295.01
DSM energy	MU	36.83		22.88
Net energy	MU	97.31		272.13
ECR	Rs/KwH	2.00		2.00
Net amount	Rs Cr.	8.17		22.86

30/7/24

Chief General Manager (E)
मुख्य महाप्रबंधक (वाणिज्यिक) का कार्यालय
O/o Executive Director (Comml)
नेहपको लि., शिलांग
NEEPCO Ltd., Shillong

SUPPLEMENTARY BILL AGAINST KAMENG HYDRO ELECTRIC POWER PLANT DUE TO SHORTFALL OF ENERGY, for the year 2021-22

Beneficiaries	Original Share Allocation	Free Power	Share Allocation After Adjustment of Free Power	Saleable Sch Energy (KwH)	ECR	Amount
Ar.Pradesh	13.834	12	2.564	2484805	2.000	4969610.00
ASEB	10.834		15.144	14678505	2.000	29357011.00
MeSEB	2.500		3.494	3387139	2.000	6774278.00
Nagaland	1.500		2.097	2032283	2.000	4064567.00
CSPDCL	2.166		3.028	2934617	2.000	5869234.00
UPPC	9.167		12.814	12419961	2.000	24839922.00
HPPC	2.166		3.028	2934617	2.000	5869234.00
	42.17	**12.00**	**42.17**	**40871928.3**		**81743856.00**

SUPPLEMENTARY BILL AGAINST KAMENG HYDRO ELECTRIC POWER PLANT DUE TO SHORTFALL OF ENERGY, for the year 2023-24

Beneficiaries	Original Share Allocation	Free Power	Share Allocation After Adjustment of Free Power	Saleable Sch Energy (KwH)	ECR	Amount
Ar.Pradesh	13.834	12	2.564	6948656	2.000	13897311.00
ASEB	10.834		15.144	41047838	2.000	82095675.00
MeSEB	2.500		3.494	9471995	2.000	18943990.00
Nagaland	1.500		2.097	5683197	2.000	11366394.00
CSPDCL	2.166		3.028	8206537	2.000	16413073.00
UPPC	9.167		12.814	34731911	2.000	69463823.00
HPPC	2.166		3.028	8206537	2.000	16413073.00
	42.17	**12.00**	**42.17**	**114296670**		**228593339.00**

Accounts Officer
O/OED (Comml) NEEPCO Ltd
Shillong

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड
(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A Mini Ratna, Category-I, A Govt. of India Enterprise)
COMMERCIAL DEPARTMENT

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

No. NEEPCO/Comml./F-98/2024-25/ 75 **Date: 30/04/2024.**

To,

The Chief Engineer,
M/S Uttar Haryana Bill Vintan Nigam Ltd.,
Plot No: IP – 3 & 4,
Sector-14, Panchkula - 134109,

SUB: - Shortfall of Energy Charges for the period 2019-24.

Ref:- **Bill No. NEEPCO/HARY/2024-2025/1400/SHRTFL/01 Dated 30/04/2024.**

Dear Sir,

Enclosed please find herewith shortfall energy bill for **Rs. 2,22,82,308.00 (Rupees Two Crore Twenty-Two Lakh Eighty-Two Thousand Three Hundred Eight Only)** calculated as per CERC Regulation 2024, clause 65 (7) & (8) where it is stated as follows: -

(7) In case the saleable scheduled energy (ex-bus) of a hydro generating station during a year is less than the saleable design energy (ex-bus) for reasons beyond the control of the generating station, the generating station may directly recover the shortfall in energy charges in six equal interest-free monthly instalments after adjusting for DSM Energy in the immediately following year and shall be subject to truing up at the end of the tariff period.
Provided that in case actual generation from a hydro generating station is less than the design energy for a continuous period of four years on account of hydrology factor, the generating station shall approach the Central Electricity Authority with relevant hydrology data for revision of design energy of the station.

(8) Any shortfall in the energy charges on account of saleable scheduled energy (ex-bus) being less than the saleable design energy (ex-bus) during the tariff period 2019-24, which was beyond the control of the generating station and which could not be recovered during the said tariff period shall be recovered in accordance with clause (7) of this Regulation.

The calculation sheet is enclosed herewith for ready reference.

Yours faithfully,

For **NEEPCO LTD. Shillong**

30/4/24

Authorised Signatory.

O/o Executive Director (Comml)
NEEPCO Ltd., Shillong

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड
(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A Mini Ratna, Category-I, A Govt. of India Enterprise)
COMMERCIAL DEPARTMENT

Invoice No NEEPCO/HARY/2024-2025/1400/SHRTFL/01
Bill For : Shortfall of Energy for the period 2014-19.

Bill Date : 30-Apr-24
Bill Ref : Shortfall of Energy for the period 2014-19.
REA Letter No :

From :
KAMENG HYDRO ELECTRIC PROJECT
NORTH EASTERN ELECTRIC POWER CORPORATION LtD.,
KIMI WEST KAMENG DISTRICT, ARUNACHAL PRADESH, 790114.
GST IN/UIN : 12AAACN9991J3Z1

To :
The Chief Engineer,
Haryana Power Purchase Centre (HPPC),
Room No. 305, Shakti Bhawan, 2nd Floor,
Sector-6, Panchkula - 134109,
Email : cehppc@uhbvn.org.in/cehppc@gmail.com.
GST IN/UIN :

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
1	Sale of Electricity :-						
	a) Shortfall of Energy FY 2021-22	27160000	0%	2934617		2.000	5869234.00
	b) Shortfall of Energy FY 2023-24	27160000	0%	8206537		2.000	16413074.00
	TOTAL						22282308.00

Total Amount Payable :	2,22,82,308.00
Amount Payable (in words) :	Rupees Two Crore TwentyTwo Lakh EightyTwo Thousand Three Hundred Eight Only

E & OE

For NEEPCO Limited

Accounts Officer
O/OED (Commercial), NEEPCO Ltd
Shillong

R.Pal & Co.
Chartered Accountants

Membership No - 54234
Firm Registration No - 322343E
A-1 Office Complex, Quinton Road, Shillong, Pin- 793001 Office : ☎ 0364-2224311, E-mail :
r.pal@rpalco.com

To

The Director(Finance)
NEEPCO Ltd.
Shillong

Subject: - Certification for recoverable amount on account of shortfall in energy charges.

We have examined the attached statement in Annexure-I of recoverable amount on account of shortfall in energy charges due to reasons beyond the control of the generating stations of NEEPCO with the records produced before us. We have found that the same has been prepared in accordance with the provisions of the CERC (Tariff) Regulations 2024 notified on 15th March 2024. We have found that: -

1) The attached statement has been prepared based on CERC Tariff Regulations 2024 clause 65(7&8) which inter-alia allows the recovery of shortfall in energy charges (Difference between Saleable Design Energy and Saleable Scheduled Energy) during the tariff period 2019-24, for reasons beyond the control of the generating stations, after adjusting the DSM, directly from the beneficiaries in the immediate following year in six equal interest free monthly instalments subject to truing up at the end of the tariff period.

2) That the calculation of recovery of shortfall of energy charges has been made on the basis of the methodology prescribed by the CERC in its order dated 20.01.2024 on various petitions of NHPC for recovery of shortfall of energy charges of hydro stations.

For R. Pal & Co
Chartered Accountants

(RANADHIR PAL)
Proprietor
FRN: - 322343E
Membership No-54234

Place: Guwahati
Date: - 23.04.2024

UDIN:24054234BKBH1G6788

Station wise break up of recoverable shortfall of energy in Rs Cr

Station	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Kameng			8.17		22.86	31.03
Turial	16.53	20.64	25.34	10.28	29.28	102.07
PLHPS/Ranganadi			10.21		7.64	17.86
Doyang	1.64	0.00	26.15	2.31	11.40	41.49
Grand Total	18.17	20.64	69.88	12.59	71.18	192.46

SUMMARY OF SHORTFALL OF ENERGY FOR THE PERIOD 2019-24

Beneficiaries	TUIRIAL	PANYOR	DOYANG	KAMENG	TOTAL
Ar.Pradesh	0.00	13113567.00	32308928.00	18866922.00	**64289417.00**
ASEB	0.00	87927058.00	206565913.00	111452686.00	**405945657.00**
Manipur	0.00	16991627.00	37085486.00	0.00	**54077113.00**
MeSEB	0.00	23347507.00	54013251.00	25718268.00	**103079026.00**
Mizoram	1020707719.00	11567214.00	24755092.00	0.00	**1057030025.00**
Nagaland	0.00	10826507.00	28135925.00	15430960.00	**54393392.00**
Tripura	0.00	14808062.00	32077883.00		**46885945.00**
CSPDCL	0			22282308.00	**22282308.00**
UPPC	0			94303744.00	**94303744.00**
HPPC	0			22282308.00	**22282308.00**
	1020707719.00	**178581542.00**	**414942478.00**	**310337196.00**	**1924568935.00**

30/4/24
Accounts Officer
O/OED (Comml) NEEPCO Ltd
Shillong

ENERGY SHORTFALL BEYOND CONTROL OF THE GENERATING STATION				
Name of the station:-**Kameng**	Unit	Year		
	Mu	2021-22	2022-23	2023-24
Maximum possible generation wrt to ava	MU	3,203.35	3,545.93	3,016.71
Design energy	MU	3,353.00	3,353.00	3,353.00
Shortfall/Excess		149.65	-192.93	336.29
Energy Loss Due To Silt Flushing	MU		0.00	0.00
Energy Loss Due To High Silt	MU		0.00	0.00
Energy Loss Due To Transmission Constra	MU		0.00	0.00
Less Schedule & URL less trading quantur	MU	4.32	3.13	2.34
Total	MU	153.98	-189.80	338.63
Ex bus energy	MU	134.14		295.01
DSM energy	MU	36.83		22.88
Net energy	MU	97.31		272.13
ECR	Rs/KwH	2.00		2.00
Net amount	Rs Cr.	8.17		22.86

30/1/24

Chief General Manager (E)
मुख्यमहाप्रबंधक (विद्युत) का कार्यालय
O/o Executive Director (Comml)
नीपको लि., शिलांग
NEEPCO Ltd., Shillong

SUPPLEMENTARY BILL AGAINST KAMENG HYDRO ELECTRIC POWER PLANT DUE TO SHORTFALL OF ENERGY, for the year 2021-22

Beneficiaries	Original Share Allocation	Free Power	Share Allocation After Adjustment of Free Power	Saleable Sch Energy (Kwh)	ECR	Amount
Ar.Pradesh	13.834	12	2.564	2484805	2.000	4969610.00
ASEB	10.834		15.144	14678505	2.000	29357011.00
MeSEB	2.500		3.494	3387139	2.000	6774278.00
Nagaland	1.500		2.097	2032283	2.000	4064567.00
CSPDCL	2.166		3.028	2934617	2.000	5869234.00
UPPC	9.167		12.814	12419961	2.000	24839922.00
HPPC	2.166		3.028	2934617	2.000	5869234.00
	42.17	**12.00**	**42.17**	**40871928.3**		**81743856.00**

SUPPLEMENTARY BILL AGAINST KAMENG HYDRO ELECTRIC POWER PLANT DUE TO SHORTFALL OF ENERGY, for the year 2023-24

Beneficiaries	Original Share Allocation	Free Power	Share Allocation After Adjustment of Free Power	Saleable Sch Energy (KwH)	ECR	Amount
Ar.Pradesh	13.834	12	2.564	6948656	2.000	13897311.00
ASEB	10.834		15.144	41047838	2.000	82095675.00
MeSEB	2.500		3.494	9471995	2.000	18943990.00
Nagaland	1.500		2.097	5683197	2.000	11366394.00
CSPDCL	2.166		3.028	8206537	2.000	16413073.00
UPPC	9.167		12.814	34731911	2.000	69463823.00
HPPC	2.166		3.028	8206537	2.000	16413073.00
	42.17	**12.00**	**42.17**	**114296670**		**228593339.00**

Accounts Officer
O/OED (Comml) NEEPCO Ltd
Shillong

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड
(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A Mini Ratna, Category-I, A Govt. of India Enterprise)
COMMERCIAL DEPARTMENT

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

NEEPCO/ED(Comm.)/Manipur/2024-25/67 Dated: 30/04/2024

To,

The Managing Director,
Manipur State Power Distribution Company,
3rd Floor, New Directorate Building, near 2nd MR Gate,
Imphal – Dimapur Road,
IMPHAL, MANIPUR - 795001.

SUB: - Shortfall of Energy Charges for the period 2019-24.

Ref:- Bill No. NEEPCO/MANI/2023-2024/1302/SUPP/01Dated 30/04/2024.

Dear Sir,

Enclosed please find herewith shortfall energy bill for **Rs. 5,40,77,113.00 (Rupees Five Crore Forty Lakh Seventy Seven Thousand One Hundred Thirteen Only)** calculated as per CERC Regulation 2024, clause 65 (7) & (8) where it is stated as follows: -

(7) In case the saleable scheduled energy (ex-bus) of a hydro generating station during a year is less than the saleable design energy (ex-bus) for reasons beyond the control of the generating station, the generating station may directly recover the shortfall in energy charges in six equal interest-free monthly instalments after adjusting for DSM Energy in the immediately following year and shall be subject to truing up at the end of the tariff period.
Provided that in case actual generation from a hydro generating station is less than the design energy for a continuous period of four years on account of hydrology factor, the generating station shall approach the Central Electricity Authority with relevant hydrology data for revision of design energy of the station.

(8) Any shortfall in the energy charges on account of saleable scheduled energy (ex-bus) being less than the saleable design energy (ex-bus) during the tariff period 2019-24, which was beyond the control of the generating station and which could not be recovered during the said tariff period shall be recovered in accordance with clause (7) of this Regulation.

The calculation sheet is enclosed herewith for ready reference.

Yours faithfully,

For **NEEPCO LTD. Shillong**

30/4/24

Authorised Signatory.

Chief General Manager (C)
मुख्य महाप्रबंधक (वाणिज्यिक)
O/o Executive Director (Comml)
नीपको लि., शिलांग
NEEPCO Ltd., Shillong

कारपोरेट कार्यालय : ब्रुकलैंड कम्पाउण्ड, लोअर न्यू कॉलोनी, शिलांग
Corporate Office : Brookland Compound, Lower New Colony, Shillong - 793 003
दूरभाष/Tel. : 0364-2226091 | 2505879 | 2501903 | 2502216 ❑ फैक्स न./Fax No. : 0364-2225035
वेबसाइट/Website : www.neepco.com ❑ ई-मेल/E-mail : neepcocommercial@gmail.com | CIN : U4010ML1976GOI001658

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड

(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A Mini Ratna, Category-I, A Govt. of India Enterprise)

COMMERCIAL DEPARTMENT

Invoice No: NEEPCO/MANI/2024-2025/1100/SHRTFL/01
Bill For : Shortfall of Energy for the period 2014-19.

Bill Date : 30-Apr-24
Bill Ref : Shortfall of Energy for the period 2014-19.
Other Ref :

From :
RANGANADI HYDRO ELECTRIC PROJECT
NORTH EASTERN ELECTRIC POWER CORPORATION LtD.,
YAZALI, ARUNACHAL PRADESH.
GST IN/UIN : 12AAACN9991J4Z0

To :
The Managing Director,
Manipur State Power Distribution Company,
3rd Floor, New Directorate Building, near 2nd MR Gate,
Imphal – Dimapur Road,
IMPHAL, MANIPUR - 795001.
GST IN/UIN : 14AAJCM1435DIZX

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
	a) Shortfall of Energy FY 2021-22	27160000	0%	7236638		1.343	9718805.00
	b) Shortfall of Energy FY 2023-24	27160000	0%	5183765		1.403	7272822.00
	TOTAL						16991627.00

Total Amount Payable : 16991627.00

Amount Payable (in words) : Rupees One Crore SixtyNine Lakh NinetyOne Thousand Six Hundred TwentySeven Only

E & OE

For NEEPCO Limited

Accounts Officer
O/OED (Comml) NEEPCO Ltd
Shillong

Authorised Signatory

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड

(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A Mini Ratna, Category-I, A Govt. of India Enterprise)

COMMERCIAL DEPARTMENT

Invoice No: NEEPCO/MANI/2024-2025/1600/SHRTFL/01 Bill Date : 30-Apr-24

Bill For : Shortfall of Energy for the period 2014-19. Bill Ref :

Other Ref : _____

From :	To :
DOYANG HYDRO ELECTRIC PROJECT NORTH EASTERN ELECTRIC POWER CORPORATION LtD., WOKHA DISTRICT, NAGALAND GST IN/UIN : 13AAACN9991J1Z1	The Managing Director, Manipur State Power Distribution Company, 3rd Floor, New Directorate Building, near 2nd MR Gate, Imphal – Dimapur Road, IMPHAL, MANIPUR - 795001. GST IN/UIN : 14AAJCM1435D1ZX

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
	a) Shortfall of Energy FY 2019-20	27160000	0%	475491		3.077	1463086.00
	b) Shortfall of Energy FY 2021-22	27160000	0%	7156867		3.265	23367171.00
	c) Shortfall of Energy FY 2022-23	27160000	0%	612466		3.375	2067073.00
	d) Shortfall of Energy FY 2023-24	27160000	0%	2922592		3.486	10188156.00
	TOTAL						37085486.00

Total Amount Payable : 37085486.00

Amount Payable (in words) : Rupees Three Crore Seventy Lakh EightyFive Thousand Four Hundred EightySix Only

E & OE

For NEEPCO Limited

Accounts Officer
O/OED (Comml) NEEPCO Ltd
Shillong

Authorised Signatory

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड
(मिनि रत्न, केटेगरी-I, भारत सरकार का उद्यम)
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A Mini Ratna, Category-I, A Govt. of India Enterprise)
COMMERCIAL DEPARTMENT

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

NEEPCO/ED (Comm)/MeECL/2024-25/ 61 **Dated: 30/04/2024**

To,

The Chief Accounts Officer
Meghalaya Energy Corporation Ltd.
Short Round Road, Shillong,
MEGHALAYA-793001

SUB: - Shortfall of Energy Charges for the period 2019-24.

Ref:- Bill No. NEEPCO/MEGH/2023-2024/1302/SUPP/01Dated 30/04/2024.

Dear Sir,

Enclosed please find herewith shortfall energy bill for **Rs. 10,30,79,026.00 (Rupees Ten Crore Thirty Lakh Seventy Nine Thousand Twenty Six Only)** calculated as per CERC Regulation 2024, clause 65 (7) & (8) where it is stated as follows: -

(7) In case the saleable scheduled energy (ex-bus) of a hydro generating station during a year is less than the saleable design energy (ex-bus) for reasons beyond the control of the generating station, the generating station may directly recover the shortfall in energy charges in six equal interest-free monthly instalments after adjusting for DSM Energy in the immediately following year and shall be subject to truing up at the end of the tariff period.
Provided that in case actual generation from a hydro generating station is less than the design energy for a continuous period of four years on account of hydrology factor, the generating station shall approach the Central Electricity Authority with relevant hydrology data for revision of design energy of the station.

(8) Any shortfall in the energy charges on account of saleable scheduled energy (ex-bus) being less than the saleable design energy (ex-bus) during the tariff period 2019-24, which was beyond the control of the generating station and which could not be recovered during the said tariff period shall be recovered in accordance with clause (7) of this Regulation.

The calculation sheet is enclosed herewith for ready reference.

Yours faithfully,

For **NEEPCO LTD. Shillong**

30/4/24

Authorised Signatory.

NEEPCO/ED (Comm)/MeECL/2024-25/ **Dated: 30/04/2024**

COPY FOR INFORMATION FORWARDED TO: -

1. *The Director (Distribution) Me.E.C.Ltd, Lumjingshai, Short Round Road, Shillong-793001.*

Authorised Signatory.

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड

(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A Mini Ratna, Category-I, A Govt. of India Enterprise)

COMMERCIAL DEPARTMENT

Invoice No: NEEPCO/MEGH/2024-2025/1100/SHRTFL/01
Bill For : Shortfall of Energy for the period 2014-19.

Bill Date : 30-Apr-24
Bill Ref : Shortfall of Energy for the period 2014-19.
Other Ref :

From :
RANGANADI HYDRO ELECTRIC PROJECT
NORTH EASTERN ELECTRIC POWER CORPORATION LtD.,
YAZALI, ARUNACHAL PRADESH.
GST IN/UIN : 12AAACN9991J4Z0

To :
The Chief Accounts Officer,
Meghalaya Energy Corporation Ltd,
Short Round Road, Shillong,
MEGHALAYA-793001.
GST IN/UIN : 17AAGCM5623C2ZP

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
	a) Shortfall of Energy FY 2021-22	27160000	0%	9943571		1.343	13354216.00
	b) Shortfall of Energy FY 2023-24	27160000	0%	7122802		1.403	9993291.00
	TOTAL						23347507.00

Total Amount Payable : 23347507.00

Amount Payable (in words) : Rupees Two Crore ThirtyThree Lakh FourtySeven Thousand Five Hundred Seven Only

E & OE

For NEEPCO Limited

Accounts Officer
O/OED (Comml) NEEPCO Ltd
Shillong
Authorised Signatory

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड

(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A Mini Ratna, Category-I, A Govt. of India Enterprise)

COMMERCIAL DEPARTMENT

Invoice No: NEEPCO/MEGH/2024-2025/1600/SHRTFL/01 Bill Date : 30-Apr-24

Bill For : Shortfall of Energy for the period 2014-19. Bill Ref :

Other Ref :

From :	To :
DOYANG HYDRO ELECTRIC PROJECT NORTH EASTERN ELECTRIC POWER CORPORATION LtD., WOKHA DISTRICT, NAGALAND GST IN/UIN : 13AAACN9991J1Z1	The Chief Accounts Officer, Meghalaya Energy Corporation Ltd, Short Round Road, Shillong, MEGHALAYA-793001. GST IN/UIN : 17AAGCM5623C2ZP

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
	a) Shortfall of Energy FY 2019-20	27160000	0%	692530		3.077	2130915.00
	b) Shortfall of Energy FY 2021-22	27160000	0%	10423638		3.265	34033178.00
	c) Shortfall of Energy FY 2022-23	27160000	0%	892027		3.375	3010591.00
	d) Shortfall of Energy FY 2023-24	27160000	0%	4256617		3.486	14838567.00
	TOTAL						54013251.00

Total Amount Payable : **54013251.00**

Amount Payable (in words) :	Rupees Five Crore Fourty Lakh Thirteen Thousand Two Hundred FiftyOne Only

E & OE

For NEEPCO Limited

Accounts Officer
O/O ED (Comml), NEEPCO Ltd
Shillong

Authorised Signatory

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड

(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A Mini Ratna, Category-I, A Govt. of India Enterprise)

COMMERCIAL DEPARTMENT

Invoice No NEEPCO/MEGH/2024-2025/1400/SHRTFL/01
Bill For : Shortfall of Energy for the period 2014-19.

Bill Date : 30-Apr-24
Bill Ref : Shortfall of Energy for the period 2014-19.
REA Letter No :

From :
KAMENG HYDRO ELECTRIC PROJECT
NORTH EASTERN ELECTRIC POWER CORPORATION LtD.,
KIMI WEST KAMENG DISTRICT, ARUNACHAL PRADESH, 790114.
GST IN/UIN : 12AAACN9991J3Z1

To :
The Chief Accounts Officer,
Meghalaya Energy Corporation Ltd,
Short Round Road, Shillong,
MEGHALAYA-793001.
GST IN/UIN : 17AAGCM5623C2ZP

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
1	Sale of Electricity :-						
	a) Shortfall of Energy FY 2021-22	27160000	0%	3387139		2.000	6774278.00
	b) Shortfall of Energy FY 2023-24	27160000	0%	9471995		2.000	18943990.00
	TOTAL						25718268.00

Total Amount Payable :	2,57,18,268.00
Amount Payable (in words) :	Rupees Two Crore FiftySeven Lakh Eighteen Thousand Two Hundred SixtyEight Only

E & OE

For NEEPCO Limited

Accounts Officer
Authorised Signatory
O/OED (Comm) NEEPCO Ltd
Shillong

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड
(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A Mini Ratna, Category-I, A Govt. of India Enterprise)
COMMERCIAL DEPARTMENT
ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

NEEPCO/ED (Comm)/Mizoram/2024-25/ 68 **Dated: 30/04/2024**

To,

The Engineer in Chief,
Power & Electricity Department,
Govt. of Mizoram,
Electric Veng, Aizawl– 796 001

SUB: - Shortfall of Energy Charges for the period 2019-24.

Ref:- Bill No. NEEPCO/MIZO/2023-2024/1302/SUPP/01Dated 30/04/2024.

Dear Sir,

Enclosed please find herewith shortfall energy bill for **Rs. 105,70,30,025.00 (Rupees One Hundred Five Crore Seventy Lakh Thirty Thousand Twenty Five Only)** calculated as per CERC Regulation 2024, clause 65 (7) & (8) where it is stated as follows: -

(7) In case the saleable scheduled energy (ex-bus) of a hydro generating station during a year is less than the saleable design energy (ex-bus) for reasons beyond the control of the generating station, the generating station may directly recover the shortfall in energy charges in six equal interest-free monthly instalments after adjusting for DSM Energy in the immediately following year and shall be subject to truing up at the end of the tariff period.
Provided that in case actual generation from a hydro generating station is less than the design energy for a continuous period of four years on account of hydrology factor, the generating station shall approach the Central Electricity Authority with relevant hydrology data for revision of design energy of the station.

(8) Any shortfall in the energy charges on account of saleable scheduled energy (ex-bus) being less than the saleable design energy (ex-bus) during the tariff period 2019-24, which was beyond the control of the generating station and which could not be recovered during the said tariff period shall be recovered in accordance with clause (7) of this Regulation.

The calculation sheet is enclosed herewith for ready reference.

Yours faithfully,

For **NEEPCO LTD. Shillong**

Authorised Signatory.

NEEPCO/ED (Comm)/Mizoram/2024-25/ **Dated: 30/04/2024**

COPY FOR INFORMATION FORWARDED TO: -

1. The Sr. Executive Engineer,Mizoram SLDC Circle, Power and Electricity Deptt., Govt. of Mizoram. Electric Veng, Aizawl– 796 001.

Authorised Signatory.

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड

(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A Mini Ratna, Category-I, A Govt. of India Enterprise)

COMMERCIAL DEPARTMENT

Invoice No: NEEPCO/MIZO/2024-25/1500/SHRTFL/01
Bill For : Shortfall of Energy for the period 2014-19.

Bill Date : 30-Apr-21
Bill Ref : Shortfall of Energy for the period 2014-19.
Other Ref :

From :
TUIRIAL HYDRO ELECTRIC PROJECT
NORTH EASTERN ELECTRIC POWER CORPORATION LtD.,
DISTRICT KOLASIB,
MIZORAM.
GST IN/UIN : 15AAACN9991J1ZX

To :
The Executive Engineer
Mizoram SLDC Circle,
Power & Electricity Department, Govt. Mizoram,
Electric Veng,
Aizawl– 796 001.
GST IN/UIN :

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
	a) Shortfall of Energy FY 2019-20	27160000	0%	61735696		2.678	165328194.00
	b) Shortfall of Energy FY 2020-21	27160000	0%	77216325		2.673	206399237.00
	c) Shortfall of Energy FY 2021-22	27160000	0%	95304791		2.659	253415439.00
	d) Shortfall of Energy FY 2022-23	27160000	0%	38860935		2.645	102787173.00
	e) Shortfall of Energy FY 2023-24	27160000	0%	111237719		2.632	292777676.00
	TOTAL						1020707719.00

Total Amount Payable : 1020707719.00

Amount Payable (in words) : Rupees Ten Crore Twenty Lakh Seventy Thousand Seven Hundred SeventyOne Only

E & OE

For NEEPCO Limited

30/4/21

Authorised Signatory

Accounts Officer
O/OED (Comml) NEEPCO Ltd
Shillong

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड

(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A Mini Ratna, Category-I, A Govt. of India Enterprise)

COMMERCIAL DEPARTMENT

Invoice No: NEEPCO/MIZO/2024-2025/1100/SHRTFL/01
Bill For : Shortfall of Energy for the period 2014-19.

Bill Date : 30-Apr-24
Bill Ref : Shortfall of Energy for the period 2014-19.
Other Ref :

From :
RANGANADI HYDRO ELECTRIC PROJECT
NORTH EASTERN ELECTRIC POWER CORPORATION LtD.,
YAZALI, ARUNACHAL PRADESH.
GST IN/UIN : 12AAACN9991J4Z0

To :
The Executive Engineer
Mizoram SLDC Circle,
Power & Electricity Department, Govt. Mizoram,
Electric Veng,
Aizawl– 796 001.
GST IN/UIN :

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
	a) Shortfall of Energy FY 2021-22	27160000	0%	4926411		1.343	6616170.00
	b) Shortfall of Energy FY 2023-24	27160000	0%	3528898		1.403	4951044.00
	TOTAL						11567214.00

Total Amount Payable : **11567214.00**

Amount Payable (in words) : Rupees One Crore Fifteen Lakh SixtySeven Thousand Two Hundred Fourteen Only

E & OE

For NEEPCO Limited

Accounts Officer
O/O Authorised Signatory

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड

(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A Mini Ratna, Category-I, A Govt. of India Enterprise)

COMMERCIAL DEPARTMENT

Invoice No: NEEPCO/MIZO/2024-2025/1600/SHRTFL/01
Bill For : Shortfall of Energy for the period 2014-19.

Bill Date : 30-Apr-24
Bill Ref :
Other Ref : _____

From :
DOYANG HYDRO ELECTRIC PROJECT
NORTH EASTERN ELECTRIC POWER CORPORATION LtD.,
WOKHA DISTRICT, NAGALAND
GST IN/UIN : 13AAACN9991J1Z1

To :
The Executive Engineer
Mizoram SLDC Circle,
Power & Electricity Department, Govt. Mizoram,
Electric Veng,
Aizawl– 796 001.
GST IN/UIN :

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
	a) Shortfall of Energy FY 2019-20	27160000	0%	317397		3.077	976631.00
	b) Shortfall of Energy FY 2021-22	27160000	0%	4777311		3.265	15597920.00
	c) Shortfall of Energy FY 2022-23	27160000	0%	408830		3.375	1379801.00
	d) Shortfall of Energy FY 2023-24	27160000	0%	1950872		3.486	6800740.00
	TOTAL						24755092.00

Total Amount Payable : **24755092.00**

Amount Payable (in words) : **Rupees Two Crore FourtySeven Lakh FiftyFive Thousand NinetyTwo Only**

E & OE

For NEEPCO Limited

30/4/24

Accounts Officer
Authorised Signatory
O/OED (Comml) NEEPCO Ltd
Shillong

कारपोरेट कार्यालय : ब्रुकलैंड कम्पाउण्ड, लोअर न्यू कॉलोनी, शिलांग
Corporate Office : Brookland Compound, Lower New Colony, Shillong - 793 003
दूरभाष/Tel. : 0364-2226091 | 2505879 | 2501903 | 2502216 ❑ फैक्स नं./Fax No. : 0364-2225035
वेबसाइट/Website : www.neepco.com ❑ ई-मेल/E-mail : neepcocommercial@gmail.com | CIN : U4010ML1976GOI001658

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड
(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A Mini Ratna, Category-I, A Govt. of India Enterprise)
COMMERCIAL DEPARTMENT

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2016

NEEPCO/ED (Comm)/Nagaland/2024-25/ 70 **Dated: 30/04/2024**

To,

The Executive Engineer (Trans. Division)
Deptt. Of Power, Govt. of Nagaland, Nagarjan.
Dimapur, NAGALAND

SUB: - Shortfall of Energy Charges for the period 2019-24.

Ref:- Bill No. NEEPCO/NAGA/2023-2024/1302/SUPP/01Dated 30/04/2024.

Dear Sir,

Enclosed please find herewith shortfall energy bill for **Rs. 5,43,93,392.00 (Rupees Five Crore Forty Three Lakh Ninety Three Thousand Three Hundred Ninety Two Only)** calculated as per CERC Regulation 2024, clause 65 (7) & (8) where it is stated as follows: -

(7) In case the saleable scheduled energy (ex-bus) of a hydro generating station during a year is less than the saleable design energy (ex-bus) for reasons beyond the control of the generating station, the generating station may directly recover the shortfall in energy charges in six equal interest-free monthly instalments after adjusting for DSM Energy in the immediately following year and shall be subject to truing up at the end of the tariff period.
Provided that in case actual generation from a hydro generating station is less than the design energy for a continuous period of four years on account of hydrology factor, the generating station shall approach the Central Electricity Authority with relevant hydrology data for revision of design energy of the station.

(8) Any shortfall in the energy charges on account of saleable scheduled energy (ex-bus) being less than the saleable design energy (ex-bus) during the tariff period 2019-24, which was beyond the control of the generating station and which could not be recovered during the said tariff period shall be recovered in accordance with clause (7) of this Regulation.

The calculation sheet is enclosed herewith for ready reference.

Yours faithfully,

For **NEEPCO LTD. Shillong**

30/4/24

Authorised Signatory.

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

NEEPCO/ED (Comm)/Nagaland/2024-25/ 71 **Dated: 30/04/2024**

COPY FOR INFORMATION FORWARDED TO: -

1. *The Chief Engineer (Elect) Deptt. Of Power, Govt. of Nagaland, Elect.House Kohima Nagaland.*

30/4/24

Authorised Signatory

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

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2016

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड

(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A Mini Ratna, Category-I, A Govt. of India Enterprise)

COMMERCIAL DEPARTMENT

Invoice No: NEEPCO/NAGA/2024-2025/1100/SHRTFL/01
Bill For : Shortfall of Energy for the period 2014-19.

Bill Date : 30-Apr-24
Bill Ref : Shortfall of Energy for the period 2014-19.
Other Ref :

From :
RANGANADI HYDRO ELECTRIC PROJECT
NORTH EASTERN ELECTRIC POWER CORPORATION Ltd.,
YAZALI, ARUNACHAL PRADESH.
GST IN/UIN : 12AAACN9991J4Z0

To :
The Executive Engineer (Trans. Division)
Deptt. Of Power,
Govt. of Nagaland
Nagarjan, Dimapur,
NAGALAND.
GST IN/UIN :

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
	a) Shortfall of Energy FY 2021-22	27160000	0%	4610948		1.343	6192503.00
	b) Shortfall of Energy FY 2023-24	27160000	0%	3302925		1.403	4634004.00
	TOTAL						10826507.00

Total Amount Payable : 10826507.00

Amount Payable (in words) : Rupees One Crore Eight Lakh TwentySix Thousand Five Hundred Seven Only

E & OE

For NEEPCO Limited

Accounts Officer
O/OED (Comml) NEEPCO Ltd
Shillong

Authorised Signatory

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड
(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A Mini Ratna, Category-I, A Govt. of India Enterprise)
COMMERCIAL DEPARTMENT

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

Invoice No: NEEPCO/NAGA/2024-2025/1600/SHRTFL/01
Bill For : Shortfall of Energy for the period 2014-19.

Bill Date : 30-Apr-24
Bill Ref :
Other Ref : _____

From :	To :
DOYANG HYDRO ELECTRIC PROJECT NORTH EASTERN ELECTRIC POWER CORPORATION LtD., WOKHA DISTRICT, NAGALAND GST IN/UIN : 13AAACN9991J1Z1	The Executive Engineer (Trans. Division) Deptt. Of Power, Govt. of Nagaland Nagarjan, Dimapur, NAGALAND. GST IN/UIN :

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
	a) Shortfall of Energy FY 2019-20	27160000	0%	360744		3.077	1110009.00
	b) Shortfall of Energy FY 2021-22	27160000	0%	5429755		3.265	17728150.00
	c) Shortfall of Energy FY 2022-23	27160000	0%	464664		3.375	1568241.00
	d) Shortfall of Energy FY 2023-24	27160000	0%	2217305		3.486	7729525.00
	TOTAL						28135925.00

Total Amount Payable : **28135925.00**

Amount Payable (in words) : Rupees Two Crore EightyOne Lakh ThirtyFive Thousand Nine Hundred TwentyFive Only

E & OE

For NEEPCO Limited

Accounts Officer
O/OED (Comml) NEEPCO Ltd
Shillong

Authorised Signatory

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड

(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A Mini Ratna, Category-I, A Govt. of India Enterprise)

COMMERCIAL DEPARTMENT

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2016

Invoice No: NEEPCO/NAGA/2024-2025/1400/SHRTFL/01
Bill For : Shortfall of Energy for the period 2014-19.

Bill Date : 30-Apr-24
Bill Ref : Shortfall of Energy for the period 2014-19.
REA Letter No :

From :
KAMENG HYDRO ELECTRIC PROJECT
NORTH EASTERN ELECTRIC POWER CORPORATION LtD.,
KIMI WEST KAMENG DISTRICT, ARUNACHAL PRADESH, 790114.
GST IN/UIN : 12AAACN9991J3Z1

To :
The Executive Engineer (Trans. Division)
Deptt. Of Power,
Govt. of Nagaland
Nagarjan, Dimapur,
NAGALAND.
GST IN/UIN :

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (In KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
1	Sale of Electricity :-						
	a) Shortfall of Energy FY 2021-22	27160000	0%	2032283		2.000	4064566.00
	b) Shortfall of Energy FY 2023-24	27160000	0%	5683197		2.000	11366394.00
	TOTAL						15430960.00

Total Amount Payable :	1,54,30,960.00
Amount Payable (in words) :	Rupees One Crore FiftyFour Lakh Thirty Thousand Nine Hundred Sixty Only

E & OE

For NEEPCO Limited

Accounts Officer
O/OED (Comml) NEEPCO Ltd
Shillong

कारपोरेट कार्यालय : ब्रुकलैड कम्पाउण्ड, लोअर न्यू कॉलोनी, शिलांग
Corporate Office : Brookland Compound, Lower New Colony, Shillong - 793 003
दूरभाष/Tel. : 0364-2226091 | 2505879 | 2501903 | 2502216 ❑ फैक्स नं./Fax No. : 0364-2225035
वेसाइट/Website : www.neepco.com ❑ ई-मेल/E-mail : neepcocommercial@gmail.com | CIN : U4010ML1976GOI001658

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड
(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A Mini Ratna, Category-I, A Govt. of India Enterprise)
COMMERCIAL DEPARTMENT

NEEPCO/ED (Comm)/TSECL/2024-25/ 72 Dated: 30/04/2024.

To,

The Dy General Manager (Comml & Tariff),
Tripura State Electricity Corporation Ltd,
North Banamalipur,
AGARTALA - 799 001.
TRIPURA (w).

SUB: - Shortfall of Energy Charges for the period 2019-24.

Ref:- Bill No. NEEPCO/TRIP/2023-2024/1302/SUPP/01Dated 30/04/2024.

Dear Sir,

Enclosed please find herewith shortfall energy bill for **Rs. 4,68,85,945.00 (Rupees Four Crore Sixty Eight Lakh Eighty Five Thousand Nine Hundred Forty Five Only)** calculated as per CERC Regulation 2024, clause 65 (7) & (8) where it is stated as follows: -

(7) In case the saleable scheduled energy (ex-bus) of a hydro generating station during a year is less than the saleable design energy (ex-bus) for reasons beyond the control of the generating station, the generating station may directly recover the shortfall in energy charges in six equal interest-free monthly instalments after adjusting for DSM Energy in the immediately following year and shall be subject to truing up at the end of the tariff period.
Provided that in case actual generation from a hydro generating station is less than the design energy for a continuous period of four years on account of hydrology factor, the generating station shall approach the Central Electricity Authority with relevant hydrology data for revision of design energy of the station.

(8) Any shortfall in the energy charges on account of saleable scheduled energy (ex-bus) being less than the saleable design energy (ex-bus) during the tariff period 2019-24, which was beyond the control of the generating station and which could not be recovered during the said tariff period shall be recovered in accordance with clause (7) of this Regulation.

The calculation sheet is enclosed herewith for ready reference.

Yours faithfully,

For **NEEPCO LTD. Shillong**

30/4/24

Authorised Signatory.

Deputy General Manager (C)
पावर सिस्टम (कमर्शियल) का उपमहाप्रबंधक
C/o Executive Director (Comml)
नीपको लि., शिलांग
NEEPCO Ltd., Shillong

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड

(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A Mini Ratna, Category-I, A Govt. of India Enterprise)

COMMERCIAL DEPARTMENT

Invoice No: NEEPCO/TRIP/2024-2025/1100/SHRTFL/01
Bill For : Shortfall of Energy for the period 2014-19.

Bill Date : 30-Apr-24
Bill Ref : Shortfall of Energy for the period 2014-19.
Other Ref :

From :
RANGANADI HYDRO ELECTRIC PROJECT
NORTH EASTERN ELECTRIC POWER CORPORATION LtD.,
YAZALI, ARUNACHAL PRADESH.
GST IN/UIN : 12AAACN9991J4ZD

To :
The Dy General Manager (Comml & Tariff),
Tripura State Electricity Corporation Ltd,
North Banamalipur,
AGARTALA - 799 001.
TRIPURA (W).
GST IN/UIN : 16AACCT2964MIZY

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
	a) Shortfall of Energy FY 2021-22	27160000	0%	6306670		1.343	8469858.00
	b) Shortfall of Energy FY 2023-24	27160000	0%	4517608		1.403	6338204.00
	TOTAL						14808062.00

Total Amount Payable : 14808062.00

Amount Payable (in words) : Rupees One Crore FourtyEight Lakh Eight Thousand SixtyTwo Only

E & OE

For NEEPCO Limited

Accounts Officer
O/OED (Comml) NEEPCO Ltd
Shillong

Authorised Signatory

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2016

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड

(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A Mini Ratna, Category-I, A Govt. of India Enterprise)

COMMERCIAL DEPARTMENT

Invoice No: NEEPCO/TRIP/2024-2025/1600/SHRTFL/01
Bill For : Shortfall of Energy for the period 2014-19.

Bill Date : 30-Apr-24
Bill Ref :
Other Ref : _____

From :	To :
DOYANG HYDRO ELECTRIC PROJECT NORTH EASTERN ELECTRIC POWER CORPORATION LtD., WOKHA DISTRICT, NAGALAND GST IN/UIN : 13AAACN9991J1Z1	The Dy General Manager (Comml & Tariff), Tripura State Electricity Corporation Ltd, North Banamalipur, AGARTALA - 799 001. TRIPURA (W). GST IN/UIN : 16AACCT2964M1ZY

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
	a) Shortfall of Energy FY 2019-20	27160000	0%	411286		3.077	1265527.00
	b) Shortfall of Energy FY 2021-22	27160000	0%	6190485		3.265	20211934.00
	c) Shortfall of Energy FY 2022-23	27160000	0%	529765		3.375	1787957.00
	d) Shortfall of Energy FY 2023-24	27160000	0%	2527959		3.486	8812465.00
	TOTAL						32077883.00

Total Amount Payable : **32077883.00**

Amount Payable (in words) : Rupees Three Crore Twenty Lakh SeventySeven Thousand Eight Hundred EightyThree Only

E & OE

For NEEPCO Limited

Accounts Officer
O/OED (Comml) NEEPCO Ltd
Authorised Signatory
Shillong

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2016

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड
(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A Mini Ratna, Category-I, A Govt. of India Enterprise)
COMMERCIAL DEPARTMENT

No. NEEPCO/Comml./F-99/2024-25/ 74 **Date: 30/04/2024.**

To,

Superintending Engineer,
Electricity Import-Export & Payment Circle,
Uttar Pradesh Power Corporation Ltd.,
11th Floor, Shakti Bhawan Extn.,
14-Ashok Marg, Lucknow,

SUB: - Shortfall of Energy Charges for the period 2019-24.

Ref:- **Bill No. NEEPCO/UTTA/2024-2025/1400/SHRTFL/01 Dated 30/04/2024.**

Dear Sir,

Enclosed please find herewith shortfall energy bill for **Rs. 9,43,03,744.00 (Rupees Nine Crore Forty Three Lakh Three Thousand Seven Hundred Forty Four Only)** calculated as per CERC Regulation 2024, clause 65 (7) & (8) where it is stated as follows: -

(7) In case the saleable scheduled energy (ex-bus) of a hydro generating station during a year is less than the saleable design energy (ex-bus) for reasons beyond the control of the generating station, the generating station may directly recover the shortfall in energy charges in six equal interest-free monthly instalments after adjusting for DSM Energy in the immediately following year and shall be subject to truing up at the end of the tariff period.
Provided that in case actual generation from a hydro generating station is less than the design energy for a continuous period of four years on account of hydrology factor, the generating station shall approach the Central Electricity Authority with relevant hydrology data for revision of design energy of the station.

(8) Any shortfall in the energy charges on account of saleable scheduled energy (ex-bus) being less than the saleable design energy (ex-bus) during the tariff period 2019-24, which was beyond the control of the generating station and which could not be recovered during the said tariff period shall be recovered in accordance with clause (7) of this Regulation.

The calculation sheet is enclosed herewith for ready reference.

Yours faithfully,

For **NEEPCO LTD. Shillong**

Authorised Signatory.

C/o Executive Director (Comml)
NEEPCO Ltd., Shillong

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड
(मिनि रत्न, कैटेगरी-I, भारत सरकार का उद्यम)
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A Mini Ratna, Category I, A Govt. of India Enterprise)
COMMERCIAL DEPARTMENT

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018

Invoice No NEEPCO/UTTA/2024-2025/1400/SHRTFL/01
Bill For : Shortfall of Energy for the period 2014-19.

Bill Date : 30-Apr-24
Bill Ref : Shortfall of Energy for the period 2014-19.
REA Letter No :

Name of Account Holder : NORTH EASTERN ELECTRIC POWER CORPORATION LTD (NEEPCO LTD)
Name of Bank : STATE BANK OF INDIA
Bank Account Number : 10881522463 (CASH CREDIT)
Bank Branch : MAIN BRANCH
IFSC Code : SBIN0000181

From :
KAMENG HYDRO ELECTRIC PROJECT
NORTH EASTERN ELECTRIC POWER CORPORATION LtD.,
KIMI WEST KAMENG DISTRICT, ARUNACHAL PRADESH, 790114.
GST IN/UIN : 12AAACN9991J3Z1

To :
Superintending Engineer,
Electricity Import-Export & Payment Circle, UPPCL,
11th Floor, Shakti Bhawan Extn.,
14-Ashok Marg, Lucknow,
Email : seiepcllko@upptcl.org
GST IN/UIN :

Sl No.	Particulars	HSN/SAC	GST Rate	Energy (in KwH)	Capacity Charge (in Rs)	Rate/ %	Amount
1	Sale of Electricity :-						
	a) Shortfall of Energy FY 2021-22	27160000	0%	12419961		2.000	24839922.00
	b) Shortfall of Energy FY 2023-24	27160000	0%	34731911		2.000	69463822.00
	TOTAL						94303744.00

Total Amount Payable :	9,43,03,744.00
Amount Payable (in words) :	Rupees Nine Crore FourtyThree Lakh Three Thousand Seven Hundred FourtyFour Only

E & OE

For NEEPCO Limited
Accounts Officer
O/OED (Comml) NEEPCO Ltd
Authorised Signatory
Shillong

R.Pal & Co.
Chartered Accountants

Membership No - 54234
Firm Registration No- 327343E
CA Office Complex, Quinton Road, Shillong, Dist- EKHASI Office : ☎ 91364 2224321, E-mail :
r.pal@rpalco.net

To

The Director(Finance)
NEEPCO Ltd.
Shillong

Subject: - Certification for recoverable amount on account of shortfall in energy charges.

We have examined the attached statement in Annexure-I of recoverable amount on account of shortfall in energy charges due to reasons beyond the control of the generating stations of NEEPCO with the records produced before us. We have found that the same has been prepared in accordance with the provisions of the CERC (Tariff) Regulations 2024 notified on 15th March 2024. We have found that –

1) The attached statement has been prepared based on CERC Tariff Regulations 2024 clause 65(7&8) which inter-alia allows the recovery of shortfall in energy charges (Difference between Saleable Design Energy and Saleable Scheduled Energy), during the tariff period 2019-24, for reasons beyond the control of the generating stations, after adjusting the DSM, directly from the beneficiaries in the immediate following year in six equal interest free monthly instalments subject to truing up at the end of the tariff period.

2) That the calculation of recovery of shortfall of energy charges has been made on the basis of the methodology prescribed by the CERC in its order dated 20.01.2024 on various petitions of NHPC for recovery of shortfall of energy charges of hydro stations.

For R. Pal & Co
Chartered Accountants

(RANADHIR PAL)
Proprietor
FRN: - 327343E
Membership No-54234

Place: Guwahati
Date: - 23.04.2024

UDIN-24054234BKBIT1G6788

Station wise break up of recoverable shortfall of energy in Rs Cr

Station	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Kameng			8.17		22.86	31.03
Turial	16.53	20.64	25.34	10.28	29.28	102.07
PLHPS/Ranganadi			10.21		7.64	17.86
Doyang	1.64	0.00	26.15	2.31	11.40	41.49
Grand Total	18.17	20.64	69.88	12.59	71.18	192.46

SUMMARY OF SHORTFALL OF ENERGY FOR THE PERIOD 2019-24

Beneficiaries	TUIRIAL	PANYOR	DOYANG	KAMENG	TOTAL
Ar.Pradesh	0.00	13113567.00	32308928.00	18866922.00	**64289417.00**
ASEB	0.00	87927058.00	206565913.00	111452686.00	**405945657.00**
Manipur	0.00	16991627.00	37085486.00	0.00	**54077113.00**
MeSEB	0.00	23347507.00	54013251.00	25718268.00	**103079026.00**
Mizoram	1020707719.00	11567214.00	24755092.00	0.00	**1057030025.00**
Nagaland	0.00	10826507.00	28135925.00	15430960.00	**54393392.00**
Tripura	0.00	14808062.00	32077883.00		**46885945.00**
CSPDCL	0			22282308.00	**22282308.00**
UPPC	0			94303744.00	**94303744.00**
HPPC	0			22282308.00	**22282308.00**
	1020707719.00	**178581542.00**	**414942478.00**	**310337196.00**	**1924568935.00**

30/4/24

Accounts Officer
O/OED (Comml) NEEPCO Ltd
Shillong

ENERGY SHORTFALL BEYOND CONTROL OF THE GENERATING STATION				
Name of the station:-**Kameng**	Unit	Year		
	Mu	2021-22	2022-23	2023-24
Maximum possible generation wrt to ava	MU	3,203.35	3,545.93	3,016.71
Design energy	MU	3,353.00	3,353.00	3,353.00
Shortfall/Excess		149.65	-192.93	336.29
Energy Loss Due To Silt Flushing	MU		0.00	0.00
Energy Loss Due To High Silt	MU		0.00	0.00
Energy Loss Due To Transmission Constra	MU		0.00	0.00
Less Schedule & URL less trading quantur	MU	4.32	3.13	2.34
Total	MU	153.98	-189.80	338.63
Ex bus energy	MU	134.14		295.01
DSM energy	MU	36.83		22.88
Net energy	MU	97.31		272.13
ECR	Rs/KwH	2.00		2.00
Net amount	Rs Cr.	8.17		22.86

30/1/24

Chief General Manager (E)
मुख्यमहाप्रबंधक (विद्युत) का कार्यालय
O/o Executive Director (Comml)
नीपको लि., शिलांग
NEEPCO Ltd., Shillong

SUPPLEMENTARY BILL AGAINST KAMENG HYDRO ELECTRIC POWER PLANT DUE TO SHORTFALL OF ENERGY, for the year 2021-22

Beneficiaries	Original Share Allocation	Free Power	Share Allocation After Adjustment of Free Power	Saleable Sch Energy (Kwh)	ECR	Amount
Ar.Pradesh	13.834	12	2.564	2484805	2.000	4969610.00
ASEB	10.834		15.144	14678505	2.000	29357011.00
MeSEB	2.500		3.494	3387139	2.000	6774278.00
Nagaland	1.500		2.097	2032283	2.000	4064567.00
CSPDCL	2.166		3.028	2934617	2.000	5869234.00
UPPC	9.167		12.814	12419961	2.000	24839922.00
HPPC	2.166		3.028	2934617	2.000	5869234.00
	42.17	**12.00**	**42.17**	**40871928.3**		**81743856.00**

SUPPLEMENTARY BILL AGAINST KAMENG HYDRO ELECTRIC POWER PLANT DUE TO SHORTFALL OF ENERGY, for the year 2023-24

Beneficiaries	Original Share Allocation	Free Power	Share Allocation After Adjustment of Free Power	Saleable Sch Energy (KwH)	ECR	Amount
Ar.Pradesh	13.834	12	2.564	6948656	2.000	13897311.00
ASEB	10.834		15.144	41047838	2.000	82095675.00
MeSEB	2.500		3.494	9471995	2.000	18943990.00
Nagaland	1.500		2.097	5683197	2.000	11366394.00
CSPDCL	2.166		3.028	8206537	2.000	16413073.00
UPPC	9.167		12.814	34731911	2.000	69463823.00
HPPC	2.166		3.028	8206537	2.000	16413073.00
	42.17	**12.00**	**42.17**	**114296670**		**228593339.00**

Accounts Officer
O/OED (Comml) NEEPCO Ltd
Shillong

ENERGY SHORTFALL BEYOND CONTROL OF THE GENERATING STATION				
Name of the station:-**Kameng**	Unit	Year		
	Mu	2021-22	2023-24	
Maximum possible generation wrt to avai	MU	3203.35	3016.71	
Design energy	MU	3353.00	3353.00	
Shortfall/Excess	MU	149.65	336.29	
Energy Loss Due To Silt Flushing	MU		0.00	
Energy Loss Due To High Silt	MU		0.00	
Energy Loss Due To Transmission Constra	MU		0.00	
Less Schedule & URL less trading quantun	MU	4.32	2.34	
Total	MU	153.98	338.63	
Ex bus energy	MU	134.14	295.01	
DSM energy	MU	36.83	22.88	
Net energy	MU	97.31	272.13	
ECR	Rs/KwH	2.00	2.00	
Net amount	Rs Cr.	8.17	22.86	31.03
As per REA ex bus shortfall	MU	688.96	624.66	
Maximum shortfall in Rs Cr.	Rs Cr.	57.87	52.47	**110.34**

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,
Kameng Hydro Power Station,
North Eastern Electric Power Corporation Limited,
Kimi Village, West Kameng,
Arunachal Pradesh - 790114

INDEPENDENT PRACTITIONER'S CERTIFICATE

This is to certify that as per the trial balance and calculations produced before us, the **Statement of Break-up of Capital Cost along with variation/deviation from the Approved Original Cost** (extract of Form 5B of Tariff Filing Forms-Hydro) of "North Eastern Electric Power Corporation Limited – Kameng Hydro Power Station" is as per **Annexure – I** and **Annexure – II** 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: 8th November, 2024
UDIN: 24311914BKFLFO5528

NEEPCO North Eastern Electric Power Corporation New Delhi

Annexure - I

Name of the Petitioner :: NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
Name of the Generating Station :: KAMENG HYDRO ELECTRIC PLANT

Statement of Break-up of Capital Cost
(To be submitted on relevant dates)

PART - II
FORM - 5B
(Amount in ₹ Lakhs)

Sl No.	Particulars		Actual Expenditure As on 31-03-2023				Liabilities As on 31-03-2023				Variance As on 31-03-2023			
		Original Cost as approved by Authority/ Investment Approval	For Unit -I (COD 17-06-2020)	For Unit -II (COD 01-07-2020)	For Unit -III (COD 22-01-2021)	For Unit -IV (COD 12-02-2021)	For Unit -I (COD 17-06-2020)	For Unit -II (COD 01-07-2020)	For Unit -III (COD 22-01-2021)	For Unit -IV (COD 12-02-2021)	For Unit -I (COD 17-06-2020)	For Unit -II (COD 01-07-2020)	For Unit -III (COD 22-01-2021)	For Unit -IV (COD 12-02-2021)
1	Infrastructure Works													
1.1	Preliminary including Development	1558.00	56.85	56.85	56.85	56.85	0.00	0.00	0.00	0.00	1501.15	1501.15	1501.15	1501.15
1.2	Land (FOREST LAND (RIGHT TO USE)	511.92	1957.97	1957.97	1957.97	1957.97	0.00	0.00	0.00	0.00	(5318.54)	(5318.54)	(5318.54)	(5318.54)
1.3	R&R expenditure (Land)		3872.49	3872.49	3872.49	3872.49	0.00	0.00	0.00	0.00				
1.4	Buildings	6993.75	5219.83	5219.83	5219.83	5219.83	0.00	0.00	0.00	0.00	(610.00)	(610.00)	(610.00)	(610.00)
1.5	Township		2383.92	2383.92	2383.92	2383.92	0.00	0.00	0.00	0.00				
1.6	Maintenance	1431.01	3475.17	3475.17	3475.17	3475.17	0.00	0.00	0.00	0.00	(2044.16)	(2044.16)	(2044.16)	(2044.16)
1.7	Tools & Plants	1782.81	1517.23	1517.23	1517.23	1517.23	0.00	0.00	0.00	0.00	265.58	265.58	265.58	265.58
1.8	Communication	22038.94	18300.25	19096.40	21968.88	22758.82	0.00	0.00	0.00	0.00	3738.69	2942.54	70.06	(719.88)
1.9	Environment & Ecology	6723.50	10518.22	10964.87	12513.28	12938.92	0.00	0.00	0.00	0.00	(3794.72)	(4241.37)	(5789.78)	(6215.42)
1.10	Losses on stock	357.75					0.00	0.00	0.00	0.00	357.75	357.75	357.75	357.75

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Narayan Bhartia & Associates Chartered Accountants Guwahati

Annexure - I

1.11	Receipt & Recoveries	(302.37)					0.00	0.00	0.00	0.00	(302.37)	(302.37)	(302.37)	(302.37)
1.12	Miscellaneous	3324.00	3692.36	3692.36	3692.36	3692.36	0.00	0.00	0.00	0.00	(368.36)	(368.36)	(368.36)	(368.36)
1.13	**Total (Infrastructure Works)**	**44419.31**	**50994.30**	**52237.10**	**56657.99**	**57873.57**	**0.00**	**0.00**	**0.00**	**0.00**	**(6574.99)**	**(7817.79)**	**(12238.68)**	**(13454.26)**
2	**Major Civil Works**													
2.1	Dam, Intake & De-silting Chambers	45307.63	237673.22	237673.22	269811.34	269811.34	2703.04	2703.04	4702.20	4702.20	(195068.63)	(195068.63)	(229205.91)	(229205.91)
2.2	HRT, TRT, Surge Shaft & Pressure shafts													
2.3	Power Plant civil works	68760.33	22403.13	22403.13	22403.13	22403.13	12.10	12.10	12.10	12.10	46345.10	46345.10	46345.10	46345.10
2.4	Other civil works (to be specified)													
2.5	**Total (Major Civil Works)**	**114067.96**	**260076.35**	**260076.35**	**292214.47**	**292214.47**	**2715.14**	**2715.14**	**4714.30**	**4714.30**	**(148723.53)**	**(148723.53)**	**(182860.82)**	**(182860.82)**
3	**Hydro Mechanical Equipments**	0.00	0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
4	**Plant & Equipment**	56921.93	35694.57	48924.36	63644.08	76312.94	148.72	297.44	446.16	594.88	21078.64	7700.13	(7168.31)	(19985.89)
4.1	Initial spares of Plant & Equipment													
4.2	**Total (Plant & Equipment)**	**56921.93**	**35694.57**	**48924.36**	**63644.08**	**76312.94**	**148.72**	**297.44**	**446.16**	**594.88**	**21078.64**	**7700.13**	**(7168.31)**	**(19985.89)**
5	**Taxes and Duties**	Inclusive above	Inclusive above	Inclusive above	Inclusive above	Inclusive above	Inclusive above	Inclusive above	Inclusive above	Inclusive above	Inclusive above	Inclusive above	Inclusive above	Inclusive above
5.1	Custom Duty													

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Naveen Bhartia & Associates Chartered Accountants Guwahati

Annexure - I

5.2	Other Taxes & Duties												
5.3	Total Taxes & Duties	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	**Construction & Pre-Commissioning Expenses**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.1	Erection, testing & commissioning	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.2	Construction Insurance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.3	Site supervision	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.4	**Total (Const. & Pre-Commissioning Expenses)**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
7	**Overheads**												
7.1	Establishment	9371.95	112424.05	117151.14	134823.45	139696.34	**0.00**	**0.00**	**0.00**	**0.00**	(103052.10)	(107779.19)	(125451.50)	(130324.39)
7.2	Design & Engineering	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.3	Audit & Accounts	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.4	Contingency	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.6	**Total (Overheads)**	**9371.95**	**112424.05**	**117151.14**	**134823.45**	**139696.34**	**0.00**	**0.00**	**0.00**	**0.00**	**(103052.10)**	**(107779.19)**	**(125451.50)**	**(130324.39)**
8	**Capital cost without IDC, FC, FERV & Hedging Cost**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	**IDC, FC, FERV & Hedging Cost**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Annexure - I

9.1	Interest During Construction (IDC)	24909.00	221107.17	230404.06	265160.64	274744.26	0.00	0.00	0.00	0.00	(196198.17)	(205495.06)	(240251.64)	(249835.26)
9.2	Financing Charges (FC)													
9.3	Foreign Exchange Rate Variation (FERV)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9.4	Hedging Cost									0.00	0.00	0.00	0.00	0.00
9.5	**Total of IDC, FC, FERV & Hedging Cost**	**24909.00**	**221107.17**	**230404.06**	**265160.64**	**274744.26**	**0.00**	**0.00**	**0.00**	**0.00**	**(196198.17)**	**(205495.06)**	**(240251.64)**	**(249835.26)**
10	**Capital cost including IDC, FC, FERV & Hedging Cost**	**249690.14**	**680296.43**	**708793.00**	**812500.65**	**840841.59**	**2863.86**	**3012.58**	**5160.46**	**5309.18**	**(433470.15)**	**(462115.44)**	**(567970.95)**	**(596460.61)**

Note: There has been a reclassification of the liabilities which is intended to provide a clear representation of the financial obligations as the security deposit retained from the vendors is not included herein.

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: 8th November, 2024
UDIN: 24311914BKFLFO5528

Annexure - II

Name of the Petitioner :: NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
Name of the Generating Station :: KAMENG HYDRO ELECTRIC PLANT

PART - II
FORM - 5B
(Amount in ₹ Lakhs)

Statement of Break-up of Capital Cost
(To be submitted on relevant dates)

Sl No.	Particulars	Actual Expenditure				Liabilities			Variance		
			As on 31-03-2023			As on 31-03-2023			As on 31-03-2023		
		Original Cost as approved by Authority/ Investment Approval	For FY 21-22	For FY 22-23	As on 31-03-2024	For FY 21-22	For FY 22-23	As on 31-03-2024	For FY 21-22	For FY 22-23	As on 31-03-2024
1	**Infrastructure Works**										
1.1	Preliminary including Development	1558.00	56.85	56.85	56.85	0.00	0.00	0.00	1501.15	1501.15	1501.15
1.2	Land (Forest Land (Right to Use)	511.92	1957.97	1957.97	1938.41	0.00	0.00	0.00	(5318.54)	(5318.54)	(5298.88)
1.3	R&R expenditure (Land)		3872.49	3872.49	3872.49	0.00	0.00	0.00			
1.4	Buildings	6993.75	5219.83	5219.83	5301.85	0.00	0.00	0.00	(610.00)	(610.00)	(1073.76)
1.5	Township		2383.92	2383.92	2695.36	0.00	0.00	70.30			
1.6	Maintenance	1431.01	3475.17	3475.17	3475.17	0.00	0.00	0.00	(2044.16)	(2044.16)	(2044.16)
1.7	Tools & Plants	1782.81	1517.23	1517.23	1634.74	0.00	0.00	0.00	265.58	265.58	148.07
1.8	Communication	22038.94	22758.82	22758.82	22758.82	0.00	0.00	0.00	(719.88)	(719.88)	(719.88)
1.9	Environment & Ecology	6723.50	12938.92	12938.92	12938.92	0.00	0.00	0.00	(6215.42)	(6215.42)	(6215.42)
1.1	Losses on stock	357.75	0.00	0.00	0.00	0.00	0.00	0.00	357.75	357.75	357.75
1.11	Receipt & Recoveries	(302.37)	0.00	0.00	0.00	0.00	0.00	0.00	(302.37)	(302.37)	(302.37)
1.12	Miscellaneous	3324.00	3692.36	3692.36	3832.22	0.00	0.00	0.00	(368.36)	(368.36)	(508.22)
1.13	**Total (Infrastructure Works)**	**44419.31**	**57873.57**	**57873.57**	**58504.83**	**0.00**	**0.00**	**70.30**	**(13454.26)**	**(13454.26)**	**(14155.82)**
2	**Major Civil Works**										
2.1	Dam, Intake & De-silting Chambers	45307.63	269811.34	269811.34	269915.28	4702.20	4702.20	703.88	(229205.91)	(229205.91)	(225311.53)
2.2	HRT, TRT, Surge Shaft & Pressure shafts										

Pravin Bhartia & Associates Chartered Accountants Guwahati

Annexure - II

2.3	Power Plant civil works	68760.33	22403.13	22403.13	22403.13	12.10	12.10	12.10	46345.10	46345.10	46345.10
2.4	Other civil works (to be specified)										
2.5	**Total (Major Civil Works)**	**114067.96**	**292214.47**	**292214.47**	**292318.41**	**4714.30**	**4714.30**	**715.98**	**(182860.82)**	**(182860.82)**	**(178966.43)**
3	**Hydro Mechanical Equipment**	0.00						0.00			0.00
4	**Plant & Equipment**	56921.93	76312.94	76312.94	82258.01	594.88	594.88	507.51	(19985.89)	(19985.89)	(25843.60)
4.1	Initial spares of Plant & Equipment										
4.2	**Total (Plant & Equipment)**	**56921.93**	**76312.94**	**76312.94**	**82258.01**	**594.88**	**594.88**	**507.51**	**(19985.89)**	**(19985.89)**	**(25843.60)**
5	**Taxes and Duties**	Inclusive above	Inclusive above	Inclusive above	Inclusive above	Inclusive above	Inclusive above	Inclusive above			
5.1	Custom Duty										
5.2	Other Taxes & Duties										
5.3	Total Taxes & Duties	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	**Construction & Pre- Commissioning Expenses**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.1	Erection, testing & commissioning	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.2	Construction Insurance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.3	Site supervision	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.4	**Total (Const. & Pre- Commissioning Expenses)**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
7	**Overheads**										
7.1	Establishment	9371.95	139696.34	139696.34	139696.34	**0.00**	**0.00**	0.00	(130324.39)	(130324.39)	(130324.39)
7.2	Design & Engineering										0.00
7.3	Audit & Accounts										0.00
7.4	Contingency										0.00
7.6	**Total (Overheads)**	**9371.95**	**139696.34**	**139696.34**	**139696.34**	**0.00**	**0.00**	**0.00**	**(130324.39)**	**(130324.39)**	**(130324.39)**
8	**Capital cost without IDC, FC, FERV & Hedging Cost**										0.00
9	**IDC, FC, FERV & Hedging Cost**										0.00
9.1	Interest During Construction (IDC)	24909.00	274744.26	274744.26	274744.26	0.00	0.00	0.00	(249835.26)	(249835.26)	(249835.26)
9.2	Financing Charges (FC)										
9.3	Foreign Exchange Rate Variation (FERV)								0.00	0.00	0.00

Chaturvedi Bharilla & Associates Chartered Accountants Guwahati

Annexure - II

9.4	Hedging Cost								0.00	0.00	0.00
9.5	**Total of IDC, FC, FERV & Hedging Cost**	**24909.00**	**274744.26**	**274744.26**	**274744.26**	**0.00**	**0.00**	**0.00**	**(249835.26)**	**(249835.26)**	**(249835.26)**
10	**Capital cost including IDC, FC, FERV & Hedging Cost**	**249690.14**	**840841.59**	**840841.59**	**847521.85**	**5309.18**	**5309.18**	**1293.80**	**(596460.60)**	**(596460.60)**	**(599125.50)**

Note: There has been a reclassification of the liabilities which is intended to provide a clear representation of the financial obligations as the security deposit retained from the vendors is not included herein.

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: 8th November, 2024
UDIN: 24311914BKFLFO5528

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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,
Kameng Hydro Power Station,
North Eastern Electric Power Corporation Limited,
Kimi Village, West Kameng,
Arunachal Pradesh - 790114

INDEPENDENT PRACTITIONER'S CERTIFICATE

This is to certify that as per the trial balance and calculations produced before us, the **Statement of Additional Capitalisation after COD** (extract of Form 9A of Tariff Filing Forms-Hydro) of "North Eastern Electric Power Corporation Limited – Kameng Hydro Power Station" is as follows:

For FY 2023-24				
Sl. No.	Head of Work/Equipment	ACE Claimed (Actual/Projected)		
		Accrual basis (₹ in lakh)	Un-discharged Liability included in col.3 (₹ in lakh)	Cash basis
(1)	(2)	(3)	(4)	(5 = 3 - 4)
1	Residential building Township	68.75	0.00	68.75
2	Boundary Wall	43.81	0.00	43.81
3	Reservoir & Dam	12.05	0.00	12.05
4	Reservoir & Dam	16.68	0.00	16.68
5	Reservoir & Dam	56.75	0.00	56.75
6	Transformer having rating of 100KVA & above	627.96	0.00	627.96
7	Transformer having rating of 100KVA & above	626.66	0.00	626.66
8	Special tools & plants	45.50	0.00	45.50
9	11KV trans line to Valve house	30.32	0.00	30.32
10	Outdoor electrification (Illumination & LTAC Dist. System at Tenga Dam)	87.95	0.00	87.95
11	Tools & Plants (E)	26.65	0.00	26.65
12	Tools & Plants (E)	8.72	0.00	8.72
13	Tools & Plants (E)	8.12	0.00	8.12
14	Tools & Plants (E)	9.91	0.00	9.91
	TOTAL	**1669.85**	**0.00**	**1669.85**

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: 8th November, 2024
UDIN: 24311914BKFLFP2144

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,
Kameng Hydro Power Station,
North Eastern Electric Power Corporation Limited,
Kimi Village, West Kameng,
Arunachal Pradesh - 790114

INDEPENDENT PRACTITIONER'S CERTIFICATE

This is to certify that as per the trial balance and calculations produced before us, the **Details of Assets de-capitalized** (extract of Form 9B(i) of Tariff Filing Forms-Hydro) of "North Eastern Electric Power Corporation Limited – Kameng Hydro Power Station" are as follows:

Name of the Petitioner :: NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED Name of the Generating Station :: KAMENG HYDRO ELECTRIC PLANT Details of Assets De-capitalized during the FY 2023-2024 (To be submitted on relevant dates)				PART - II FORM - 9Bi (Amount in ₹ Lakhs)
Sl. No.	Name of the Asset	Original Value of the Asset Capitalized	Year Put to use	Depreciation recovered till date of de-capitalization
1	Freehold Land Plant/Office	19.56	01-01-2005	0.00
2	Permanent Non-Residential building	8.61	31-03-2007	4.67
3	Survey instruments	29.46	25-01-2005	27
4	Furniture& Fixture-Others	0.52	31-01-2004	0.52
5	Other E.D.P Machines	8.35	25-02-2021	7.42
6	Hospital equipment	0.41	04-03-2009	0.29
7	Fixed assets of minor value	1.03	27-10-2006	1.03
	Total	**67.94**		**40.76**

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: 8th November, 2024
UDIN: 24311914BKFLFQ2968

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,
Kameng Hydro Power Station,
North Eastern Electric Power Corporation Limited,
Kimi Village, West Kameng,
Arunachal Pradesh - 790114

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 – Kameng Hydro Power Station" is as follows:

Sl. No.	Particulars	As on 31-03-2023		As on 31-03-2024
		For FY 21-22 (Amount in ₹ Lakhs)	For FY 22-23 (Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)
a)	Closing Gross Block as per IND AS	840841.59	840841.59	847521.85
b)	Add/Less: Adjustments	0.00	0.00	0.00
c)	Closing Gross Block as per IGAAP	840841.59	840841.59	847521.85
d)	Opening Gross Block as per IND AS	840841.59	840841.59	840841.59
e)	Add/Less: Adjustments	0.00	0.00	0.00
f)	Opening Gross Block as per IGAAP	840841.59	840841.59	840841.59
g)	**Total Additions as per books (g = c - f)**	**0.00**	**0.00**	**6680.27**
h)	Less: Additions pertaining to other Stages (give Stage wise breakup)	0.00	0.00	0.00
i)	**Net Additions pertaining to instant project/Unit/Stage**	**0.00**	**0.00**	**6680.27**
j)	Less: Exclusions (items not allowable / not claimed)	0.00	0.00	5078.36
k)	**Net Additional Capital Expenditure Claimed (on accrual basis)**	**0.00**	**0.00**	**1601.91**
l)	Less: Un-discharged Liabilities	0.00	0.00	0.00
m)	Add: Discharges of un-discharged liabilities, corresponding to admitted assets/works	0.00	0.00	0.00
n)	**Net Additional Capital Expenditure Claimed (on cash basis)**	**0.00**	**0.00**	**1601.91**

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: 8th November, 2024
UDIN: 24311914BKFLFR4007

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,
Kameng Hydro Power Station,
North Eastern Electric Power Corporation Limited,
Kimi Village, West Kameng,
Arunachal Pradesh - 790114

INDEPENDENT PRACTITIONER'S CERTIFICATE

This is to certify that as per the trial balance and calculations produced before us, **Capital Cost, Incidental Expenditure during Construction (IEDC), Interest during Construction (IDC) and Capital Liability** (extract of Form 9E of Tariff Filing Forms-Hydro) of "North Eastern Electric Power Corporation Limited – Kameng Hydro Power Station" are as follows:

Sl No.	Particulars	As on 31-03-2023						As on 31-03-2024
		Unit-I (COD 17-06-2020)	Unit-II (COD 01-07-2020)	Unit-III (COD 22-01-2021)	Unit-IV (COD 12-02-2021)	For FY 21-22	For FY 22-23	
		(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)
a)	Opening Gross Block	24409.68	680296.43	708793.00	812500.65	840841.59	840841.59	840841.59
b)	Addition in Gross Block (Direct Purchases)	15562.99	724.14	3736.57	527.60	0.00	0.00	1151.01
c)	Addition in Gross Block (Transferred from CWIP)	640323.76	27772.43	99971.08	27813.34	0.00	0.00	5597.19
d)	Deletion in Gross Block	0.00	0.00	0.00	0.00	0.00	0.00	(67.94)
e)	Closing Gross Block	680296.43	708793.00	812500.65	840841.59	840841.59	840841.59	847521.85
f)	Amount of Capital Liability in (e) above	2863.86	3012.58	5160.46	5309.18	5309.18	5309.18	1293.80
g)	Amount of IEDC in (e) above	112424.05	117151.14	134823.45	139696.34	139696.34	139696.34	139696.34
h)	Amount of IDC in (e) above	221107.17	230404.06	265160.64	274744.26	274744.26	274744.26	274744.26

Note: There has been a reclassification of the liabilities which is intended to provide a clear representation of the financial obligations as the security deposit retained from the vendors is not included herein.

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: 8th November, 2024
UDIN: 24311914BKFLFS2794

NAVEEN BHARTIA & ASSOCIATES
CHARTERED ACCOUNTANTS

CA Naveen Bhartia, F.C.A., B.Com, DISA (ICAI)

CA INDIA

103, Suraj Market (1st Floor)
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Email : nba.guwahati@gmail.com

To,
Kameng Hydro Power Station,
North Eastern Electric Power Corporation Limited,
Kimi Village, West Kameng,
Arunachal Pradesh - 790114

INDEPENDENT PRACTITIONER'S CERTIFICATE

This is to certify that as per the trial balance and calculations produced before us, **Statement of Capital Work in Progress (CWIP)** (extract of Form 9F of Tariff Filing Forms-Hydro) of "North Eastern Electric Power Corporation Limited – Kameng Hydro Power Station" is as follows:

Sl No.	Particulars	As on 31-03-2023						As on 31-03-2024
		Unit-I (COD 17-06-2020)	Unit-II (COD 01-07-2020)	Unit-III (COD 22-01-2021)	Unit-IV (COD 12-02-2021)	For FY 21-22	For FY 22-23	
		(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)
a)	Opening Capital Work -in-Progress	768450.81	146220.09	119246.53	26803.70	0.00	0.00	3836.20
b)	Addition in Capital Work - in-Progress	18093.03	798.87	7528.24	1009.64	0.00	3836.20	4054.12
c)	Transferred to Gross Block	(640323.76)	(27772.43)	(99971.08)	(27813.34)	0.00	0.00	(5597.19)
d)	Closing Capital Work -in-Progress	146220.09	119246.53	26803.70	0.00	0.00	3836.20	2293.12

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: 8th November, 2024
UDIN: 24311914BKFLFT4331

NEEPCO New Delhi North Eastern Electric Power Corporation

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,
Kameng Hydro Power Station,
North Eastern Electric Power Corporation Limited,
Kimi Village, West Kameng,
Arunachal Pradesh - 790114

INDEPENDENT PRACTITIONER'S CERTIFICATE

This is to certify that as per the trial balance and calculations produced before us, **Calculation of Depreciation as per Form – 11 (without apportionment)** (extract of Form 11 of Tariff Filing Forms-Hydro) of "North Eastern Electric Power Corporation Limited – Kameng Hydro Power Station" is as per **Annexure – I** attached herewith

for Naveen Bhartia & Associates
Chartered Accountants
FRN: 330089E

Naveen Bhartia
Proprietor
M. No.: 311914

Place: Guwahati
Date: 8th November, 2024
UDIN: 24311914BKFLFU8280

Annexure – I

Name of the Petitioner :: NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

Name of the Generating Station :: KAMENG HYDRO ELECTRIC PLANT

PART - II
FORM - 11 (without apportionment
(Amount in
₹ Lakhs)

Calculation of Depreciation

Sl No.	Name of Assets	Gross Block							Depreciation Rates	Depreciation Amount for each year						
		As on 31-03-2023						As on 31-03-2024	As per CERC's Depreciation Rate Schedule	For Unit -I (COD 17-06-2020)	For Unit -II (COD 01-07-2020)	For Unit -III (COD 22-01-2021)	For Unit -IV (COD 12-02-2021)	For FY 21-22	For FY 22-23	For FY 23-24
		For Unit -I (COD 17-06-2020)	For Unit -II (COD 01-07-2020)	For Unit -III (COD 22-01-2021)	For Unit -IV (COD 12-02-2021)	For FY 21-22	For FY 22-23									
1	Forest land (Right to use)	5389.40	5389.40	5389.40	5389.40	5389.40	5389.40	5389.40	2.50%	134.73	134.73	134.73	134.73	134.73	134.73	134.73
2	Freehold land	441.06	441.06	441.06	441.06	441.06	441.06	421.50	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Plant Area Road	320.38	320.38	320.38	320.38	320.38	320.38	340.41	3.34%	10.70	10.70	10.70	10.70	10.70	10.70	11.37
4	Colony road	1432.64	1432.64	1432.64	1432.64	1432.64	1432.64	1499.44	3.34%	47.85	47.85	47.85	47.85	47.85	47.85	50.08
5	Helipad	86.58	86.58	86.58	86.58	86.58	86.58	86.58	3.34%	2.89	2.89	2.89	2.89	2.89	2.89	2.89
6	Permanent building - residential	2811.16	2811.16	2811.16	2811.16	2811.16	2811.16	2886.07	3.34%	93.89	93.89	93.89	93.89	93.89	93.89	96.39
7	Boundary wall	253.94	253.94	253.94	253.94	253.94	253.94	297.74	3.34%	8.48	8.48	8.48	8.48	8.48	8.48	9.94
8	Permanent non Residential Building	1764.41	1764.41	1764.41	1764.41	1764.41	1764.41	1761.40	3.34%	58.93	58.93	58.93	58.93	58.93	58.93	58.83
9	Temporary building - Residential	1014.88	1014.88	1014.88	1014.88	1014.88	1014.88	1014.88	100%	1014.88	1014.88	1014.88	1014.88	1014.88	1014.88	1014.88
10	Temporary building - Non-Residential	512.31	512.31	512.31	512.31	512.31	512.31	522.42	100%	512.31	512.31	512.31	512.31	512.31	512.31	522.42

Naveen Bhartia & Associates Chartered Accountants Guwahati

~ 240 ~

11	Sewerage drainage system - Township	206.39	206.39	206.39	206.39	206.39	206.39	206.39	3.34%	6.89	6.89	6.89	6.89	6.89	6.89	6.89
12	Water supply & sanitation	297.65	297.65	297.65	297.65	297.65	297.65	298.07	3.34%	9.94	9.94	9.94	9.94	9.94	9.94	9.96
13	Firefighting equipment	0.54	0.54	0.54	0.54	0.54	0.54	0.54	5.28%	0.03	0.03	0.03	0.03	0.03	0.03	0.03
14	Firefighting equipment	49.13	49.13	49.13	49.13	49.13	49.13	49.13	5.28%	2.59	2.59	2.59	2.59	2.59	2.59	2.59
15	Survey equipment	40.01	40.01	40.01	40.01	40.01	40.01	10.33	5.28%	2.11	2.11	2.11	2.11	2.11	2.11	0.55
16	Laboratory equipment	16.84	16.84	16.84	16.84	16.84	16.84	16.47	5.28%	0.89	0.89	0.89	0.89	0.89	0.89	0.87
17	Sub-station equipment	3031.92	3031.92	3031.92	3031.92	3031.92	3031.92	3031.92	5.28%	160.09	160.09	160.09	160.09	160.09	160.09	160.09
18	Transformer rating 100 KVA & above	361.80	361.80	361.80	361.80	361.80	361.80	369.30	5.28%	19.10	19.10	19.10	19.10	19.10	19.10	19.50
19	Ordinary tools & plants	67.51	67.51	67.51	67.51	67.51	67.51	71.09	5.28%	3.56	3.56	3.56	3.56	3.56	3.56	3.75
20	Special tools & plant	1602.56	1602.56	1602.56	1602.56	1602.56	1602.56	1663.05	5.28%	84.62	84.62	84.62	84.62	84.62	84.62	87.81
21	11KV transmission line	159.36	159.36	159.36	159.36	159.36	159.36	189.68	5.28%	8.41	8.41	8.41	8.41	8.41	8.41	10.02
22	33KV transmission line	327.41	327.41	327.41	327.41	327.41	327.41	327.41	5.28%	17.29	17.29	17.29	17.29	17.29	17.29	17.29
23	132KV transmission line	3814.82	3814.82	3814.82	3814.82	3814.82	3814.82	3814.82	5.28%	201.42	201.42	201.42	201.42	201.42	201.42	201.42
24	Permanent power supply system	0.00	0.00	0.00	0.00	0.00	0.00	62.11	5.28%	0.00	0.00	0.00	0.00	0.00	0.00	3.28
25	Outdoor electrification	238.39	238.39	238.39	238.39	238.39	238.39	326.34	5.28%	12.59	12.59	12.59	12.59	12.59	12.59	17.23

26	Internal electrification	196.10	196.10	196.10	196.10	196.10	196.10	196.10	6.33%	12.41	12.41	12.41	12.41	12.41	12.41	12.41
27	Transport equipment	26.79	26.79	26.79	26.79	26.79	26.79	26.79	9.50%	2.55	2.55	2.55	2.55	2.55	2.55	2.55
28	Furniture & fixture	324.02	324.02	324.02	324.02	324.02	324.02	364.65	6.33%	20.51	20.51	20.51	20.51	20.51	20.51	23.08
29	Other E.D.P machines	161.16	161.16	161.16	161.16	161.16	161.16	209.52	33.33%	53.71	53.71	53.71	53.71	53.71	53.71	69.83
30	Office equipment	19.32	19.32	19.32	19.32	19.32	19.32	19.32	6.33%	1.22	1.22	1.22	1.22	1.22	1.22	1.22
31	Hospital equipment	3.81	3.81	3.81	3.81	3.81	3.81	3.18	5.28%	0.20	0.20	0.20	0.20	0.20	0.20	0.17
32	Guest house equipment	6.23	6.23	6.23	6.23	6.23	6.23	6.47	5.28%	0.33	0.33	0.33	0.33	0.33	0.33	0.34
33	Interior communication equipment	107.61	107.61	107.61	107.61	107.61	107.61	107.60	6.33%	6.81	6.81	6.81	6.81	6.81	6.81	6.81
34	Miscellaneous Equipment	69.15	69.15	69.15	69.15	69.15	69.15	77.58	5.28%	3.65	3.65	3.65	3.65	3.65	3.65	4.10
35	Electrical tools & plants	191.77	191.77	191.77	191.77	191.77	191.77	245.17	5.28%	10.13	10.13	10.13	10.13	10.13	10.13	12.95
36	Audio visual equipment	124.78	124.78	124.78	124.78	124.78	124.78	169.68	5.28%	6.59	6.59	6.59	6.59	6.59	6.59	8.96
37	Books & manuals	4.96	4.96	4.96	4.96	4.96	4.96	4.63	5.28%	0.26	0.26	0.26	0.26	0.26	0.26	0.24
38	Fixed assets of Minor Value	7.81	7.81	7.81	7.81	7.81	7.81	36.16	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	Intangible assets	3.75	3.75	3.75	3.75	3.75	3.75	3.75	33.33%	1.25	1.25	1.25	1.25	1.25	1.25	1.25
40	Power house - Civil	49940.43	49940.43	49940.43	49940.43	49940.43	49940.43	49940.43	3.34%	1668.01	1668.01	1668.01	1668.01	1668.01	1668.01	1668.01
41	Reservoir & dam	194943.16	194943.16	194943.16	194943.16	194943.16	194943.16	195047.09	5.28%	10293.00	10293.00	10293.00	10293.00	10293.00	10293.00	10298.49
42	Tunnel	224873.80	224873.80	224873.80	224873.80	224873.80	224873.80	224873.80	5.28%	11873.34	11873.34	11873.34	11873.34	11873.34	11873.34	11873.34
43	Steel liner & Penstock	107418.78	107418.78	178824.31	178824.31	178824.31	178824.31	178824.31	5.28%	5671.71	5671.71	9441.92	9441.92	9441.92	9441.92	9441.92

44	Transformers	6508.76	13700.76	15863.06	25992.36	25992.36	25992.36	27246.98	5.28%	343.66	723.40	1048.77	1372.40	1372.40	1372.40	1438.64
45	400/220/132 KV switch yard	22441.32	22441.32	22441.32	22441.32	22441.32	22441.32	22446.36	5.28%	1184.90	1184.90	1184.90	1184.90	1184.90	1184.90	1185.17
46	Plant & Machinery in generating station	48681.84	69986.41	96126.23	118337.87	118337.87	118337.87	123015.78	5.28%	2570.40	3695.28	5075.47	6248.24	6248.24	6248.24	6495.23
	Total	**680296.43**	**708793.00**	**812500.65**	**840841.59**	**840841.59**	**840841.59**	**847521.85**		**36138.86**	**37843.48**	**43119.24**	**44615.64**	**44615.64**	**44615.64**	**44987.53**

Note:

1. 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.

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: 8th November, 2024
UDIN: 24311914BKFLFU8280

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,
Kameng Hydro Power Station,
North Eastern Electric Power Corporation Limited,
Kimi Village, West Kameng,
Arunachal Pradesh - 790114

INDEPENDENT PRACTITIONER'S CERTIFICATE

This is to certify that as per the trial balance and calculations produced before us, the **Details of Non-Tariff Income** (extract of Form 13C of Tariff Filing Forms-Hydro) of "North Eastern Electric Power Corporation Limited – Kameng Hydro Power Station" is as follows:

Name of the Petitioner :: NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED **Name of the Generating Station :: KAMENG HYDRO ELECTRIC PLANT** **Details of Non- Tariff Income** **(To be submitted on relevant dates)**							**PART - II FORM - 13C (Amount in ₹ Lakhs)**
Sl. No.	**Parameters**	**FY 2018-19**	**FY 2019-20**	**FY 2020-21**	**FY 2021-22**	**FY 2022-23**	**FY 2023-24**
1	Income from rent of land or buildings	0.00	0.00	0.00	0.00	0.00	0.00
2	Lease Rent- Operating Lease Vehicles	0.00	0.00	0.00	149.95	180.03	185.36
3	Hire Charge-Construction/other equipment	0.00	0.00	0.00	0.85	0.63	0.03
4	Recovery of Rent-Employees Residential Building	0.00	0.00	0.00	0.00	0.00	1.25
5	Rent recovery from others-Residential	0.00	0.00	1.38	1.73	5.33	10.95
6	Sale of Tender Forms	0.00	0.00	0.00	0.60	0.25	0.05
7	Electricity Charges Recovered-Others-Non-Resident	0.00	0.00	0.76	0.00	0.00	95.84
8	Liquidated Damages Recovered	0.00	0.00	0.00	13.65	0.00	92.90
9	Income from Sale of Scrap	0.00	0.00	4.69	0.00	22.24	0.00
10	Transit Hostel Recoveries	0.00	0.00	203.61	0.45	0.63	0.64
11	Income recovered from Contractors	0.00	0.00	0.00	0.00	0.00	0.00

Naveen Bhartia & Associates Chartered Accountants Guwahati

12	Other Miscellaneous Receipts	0.00	0.00	0.21	0.00	0.72	0.06
13	Gain on Asset Sale	0.00	0.00	7.79	0.00	1.02	43.24
14	Interest from Loan to Employees	0.00	0.00	450.95	2.40	3.10	0.91
15	Sale of Inventories to Vendors	0.00	0.00	0.00	0.00	3.25	0.00
16	Excess Provision Written Back	0.00	0.00	0.00	0.00	1.20	145.52
17	Infirm Power	0.00	0.00	1635.61	0.00	0.00	0.00
18	Corporate Share-Other Income	0.00	0.00	0.00	0.00	0.00	1.63
	TOTAL	**0.00**	**0.00**	**2305.00**	**169.64**	**218.42**	**578.39**

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: 8th November, 2024
UDIN: 24311914BKFLFV1198

NERPSIP NEEPCO New Delhi North Eastern Electric Power Corporation

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,
Kameng Hydro Power Station,
North Eastern Electric Power Corporation Limited,
Kimi Village, West Kameng,
Arunachal Pradesh - 790114

INDEPENDENT PRACTITIONER'S CERTIFICATE

This is to certify that as per the trial balance and calculations produced before us, **Statement of Actual Cash Expenditure** (extract of Form 14A of Tariff Filing Forms-Hydro) of "North Eastern Electric Power Corporation Limited – Kameng Hydro Power Station" is as follows:

Name of the Petitioner :: NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
Name of the Generating Station :: KAMENG HYDRO ELECTRIC PLANT

PART - II FORM - 14A (Amount in ₹ Lakhs)

Statement of Actual Cash expenditure
(To be submitted on relevant dates)

Particulars	As on 31-03-2023						As on 31-03-2024
	Unit-I (COD 17-06-2020) (Amount in ₹ Lakhs)	Unit-II (COD 01-07-2020) (Amount in ₹ Lakhs)	Unit-III (COD 22-01-2021) (Amount in ₹ Lakhs)	Unit-IV (COD 12-02-2021) (Amount in ₹ Lakhs)	For FY 21-22 (Amount in ₹ Lakhs)	For FY 22-23 (Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)
Expenditure towards Gross Block	680296.43	708793.00	812500.65	840841.59	840841.59	840841.59	847521.85
Add: Expenditure towards CWIP	146220.09	119246.53	26803.70	0.00	0.00	3836.20	2293.12
Add: Capital Advances, if any	0.00	0.00	0.00	0.00	0.00	313.58	0.00
Less: Un-discharged liabilities (included above)	(2863.86)	(3012.58)	(5160.46)	(5309.18)	(5309.18)	(5309.18)	(1293.80)
Add/Less: Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Payment to contractors / suppliers towards capital assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cumulative payments	**823652.66**	**825026.95**	**834143.88**	**835532.41**	**835532.41**	**839682.18**	**848521.18**

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: 8th November, 2024
UDIN: 24311914BKFLFW5192

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,
Kameng Hydro Power Station,
North Eastern Electric Power Corporation Limited,
Kimi Village, West Kameng,
Arunachal Pradesh - 790114

INDEPENDENT PRACTITIONER'S CERTIFICATE

This is to certify that as per the trial balance and calculations produced before us, **Statement of Capital Liability** (extract of Form 16 of Tariff Filing Forms-Hydro) of "North Eastern Electric Power Corporation Limited – Kameng Hydro Power Station 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: 8th November, 2024
UDIN: 24311914BKFLFX6390

NEEPCO New Delhi North Eastern Electric Power Corporation

Annexure - I

Name of the Petitioner :: NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

Name of the Generating Station :: KAMENG HYDRO ELECTRIC PLANT

PART - II
FORM - 16
(Amount in ₹ Lakhs)

Statement of Liability Flow
(To be submitted on relevant dates)

Sl. No	Name of the Party	Nature	Liability							Discharges						
			As on 31-03-2023						As on 31-03-2024	Liability As on 31-03-2023						As on 31-03-2024
			Unit-I (COD 17-06-2020)	Unit-II (COD 01-07-2020)	Unit-III (COD 22-01-2021)	Unit-IV (COD 12-02-2021)	For FY 21-22	For FY 22-23		Unit-I (COD 17-06-2020)	Unit-II (COD 01-07-2020)	Unit-III (COD 22-01-2021)	Unit-IV (COD 12-02-2021)	For FY 21-22	For FY 22-23	
			(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)
1	GLOCON	Township	0.00	0.00	0.00	0.00	0.00	0.00	60.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	PES-Fitwell JV	Township	0.00	0.00	0.00	0.00	0.00	0.00	9.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	OMIL &JSC-JV	HRT, TRT, Surge Shaft & Pressure shafts	1999.16	0.00	0.00	0.00	1999.16	1999.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1999.16
4	OMIL &JSC-JV	HRT, TRT, Surge Shaft & Pressure shafts	0.00	0.00	1999.16	0.00	1999.16	1999.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1999.16
5	PATEL ENGEENING LTD. I	HRT, TRT, Surge Shaft & Pressure shafts	534.15	0.00	0.00	0.00	534.15	534.15	534.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Naveen Bhartia & Associates Chartered Accountants Guwahati

Annexure - I

6	PATEL ENGEENING LTD. II	HRT, TRT, Surge Shaft & Pressure shafts	169.73	0.00	0.00	0.00	169.73	169.73	169.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	PATEL ENGEENING LTD.(PKG III)	Power Plant civil works	12.10	0.00	0.00	0.00	12.10	12.10	12.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	BHEL(PKG-V)	Plant & Equipment	148.72	0.00	0.00	0.00	148.72	148.72	126.88	0.00	0.00	0.00	0.00	0.00	0.00	21.84
9	BHEL(PKG-V)	Plant & Equipment	0.00	148.72	0.00	0.00	148.72	148.72	126.88	0.00	0.00	0.00	0.00	0.00	0.00	21.84
10	BHEL(PKG-V)	Plant & Equipment	0.00	0.00	148.72	0.00	148.72	148.72	126.88	0.00	0.00	0.00	0.00	0.00	0.00	21.84
11	BHEL(PKG-V)	Plant & Equipment	0.00	0.00	0.00	148.72	148.72	148.72	126.88	0.00	0.00	0.00	0.00	0.00	0.00	21.84
	Total		**2863.86**	**148.72**	**2147.88**	**148.72**	**5309.18**	**5309.18**	**1293.80**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**4085.69**

~ 249 ~

Note: There has been a reclassification of the liabilities which is intended to provide a clear representation of the financial obligations as the security deposit retained from the vendors is not included herein.

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: 8th November, 2024
UDIN: 24311914BKFLFX6390

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,
Kameng Hydro Power Station,
North Eastern Electric Power Corporation Limited,
Kimi Village, West Kameng,
Arunachal Pradesh - 790114

INDEPENDENT PRACTITIONER'S CERTIFICATE

This is to certify that as per the trial balance and calculations produced before us, the **Details of Statutory Charges** (extract of Form 18 of Tariff Filing Forms-Hydro) of "North Eastern Electric Power Corporation Limited – Kameng Hydro Power Station" is as follows:

Sl. No	Particulars	Amount Claimed				
		2019-20	2020-21	2021-22	2022-23	2023-24
		(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)	(Amount in ₹ Lakhs)
1	Pollution Control Expenses	0.00	8.31	11.40	13.93	17.07

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: 8th November, 2024
UDIN: 24311914BKFLFY7630

NEEPCO New Delhi North Eastern Electric Power Corporation

P.O. 3700008673
SR. - 1000028293.

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

KPC, KIMI, A.P.

PAYMENT VOUCHER

Payable to : M/S A. J Enterprises Vendor Doc. no. 2317003060

5105630393.

Vendor / Emp.Code No. S 0 0 4 6 8 MIRO No. 5105630252

dt 20.3.2024 ... Recpt of Invoice / WO / Remit / TDS /

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
Const. of fencing around staff Hostel at TDS A/c Dr		6,27,063 VD		
To Cess	2070726		5315 VD	
" F/R (M/W)	2070729		9525 VD	
" TDS - IncST	2070218		5315 VD	
" TDS - SHST	2070219		5315 VD	
" Sec. deposit	2070211		53141 VD	
To Bank A/c	1882132			548452.00
	Total	6,27,063 VD	78611.00	548452.00

Receipt — Rupees Five Lakh forty Eight Thousand four hundred Fifty two only

Narration Being the payment made towards Subject bill (F) for the work Const. of Chain link fencing around staff Hostel at Tenga Dam, under HSM-1 (BET), NEHPS, A.P. as per enclosed details.

Passing Record

Prepared AA/Accountant

Checked by AAO/Sr. Accountant

Passed by

AAO ..... AO .....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N :

Date :

Cheque No.:

Date :

Cashier ..... Sr. Acctt. .....

AAO / AO / AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

Pay ~~25~~ Price Duy on 22/3/24

NEEPCO Schedule II - Works 10 (A)

North Eastern Electric Power Corporation Ltd.

RUNNING ACCOUNT BILL C

Name of the Contractor or Supplier :- M/s A. J. Enterprises, Bhalukpong, Dist. West Kameng, Arunachal Pradesh.
Name of Works :- "Construction of Chain-link fencing around Staff Hostel at Tenga Dam, under HSM-I (B&T), KaHPS, Arunachal
Serial No. of this Bill Work :- First & Final (Measured).Bill
Reference of Agreement :- NEEPCO/KaHPS/HSM-I(B&T)/T-07/2023-24/123 Dated 08.03.2024.
Reference of work order :- NEEPCO/KaHPS/HSM-I(B&T)/W-11/2023-24/1802 Dated 01.02.2024.
Date of actual completion of work :- Date 02.03.2024

1-Accounts of work done or supplies made

Unit	Quantity executed	Item of work or supplies (Grouped"under sub heades" and "sub work" of estimate)	Rate	Amount		Remarks
				Up to date	*Since previous bill	
1	2	3	4	5	6	7
		Item No : 1				Certified that :- 1). The work has been completed as per specification and instruction of Engineer in charge at site. 2). All labour engaged are Indian citizen and above 18th year of age. 3). No T&P and store materials were issued to the contractor. 4). The contractor has not engaged any migrated labour for this works.
Cum	17.960	Excavation for Structures i) Ordinary Soil A) Manual means (Depth up to 3.00m)	355.00	6,375.80	0.00	
		Item No : 2.				
Cum	9.13	Providing and laying cement concrete 1:2:4 a) Foundation and Plinth	6448.80	58,877.54		
		Item No : 3.				
Kgs	406.35	Reinforcement of RCC work. B) Tar/TMT Steel.	88.60	36,002.61		
		Item No : 4.				
Cum	7.26	Reinforced concrete work in foundations, a) M20 (1 cement : 1.5 sand : 3 aggregate 20mm nominal size)	7810.20	56,702.05		
		Item No : 5.				
Sqm	72.84	Centering and shuttering including strutting propping etc. & removal of form work for	348.50	25,315.04		
		Item No : 6.				
Cum	38.91	Coursed rubble masonry (second sort) with hard stone in foundations and plinth in cement mortar 1:6 (1-cement:6-fine sand)	3728.90	145,091.50		
		Item No : 7.				
Qnt.	1.14	Supply and fitting of wire (G.I.)	8920.35	10,169.20		
		Item No : 8.				
Mtr.	112.20	Fencing with welded steel wire Fabric 75 mm x 50 mm (Suggestive).	832.00	93,350.40		
		Item No : 9.				
Sqm.	134.40	20mm cement plaster 1: 4 (1-cement : 4 - fine sand)	244.40	32,847.36		
		Item No : 10.				
Kgs	132.34	Steel work welded in built up sections B) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	119.50	15,814.63		
		Item No : 11.				
Qtl	4.61	Steel work riveted or bolted in built B) In Tee, angles, Flats and channels.	10896.40	50,232.40		
		Item No : 12.				
Each	6.00	GI bolts and nuts (38x8 mm)	13.89	83.34		
		Item No : 13.				
Each	5.00	Oxz. MS Butt (handle)	23.01	115.05		
		Item No : 14.				
Each	6.00	MS sliding door bolts 300x16mm	183.19	1,099.14		
		Item No : 15.				
Cum	87.84	Loading and Unloading of Stone Boulder / Stone aggregates / Sand /etc.,	214.00	18,797.76		
		Item No : 16.				
Ton	11.67	Loading and Unloading of Cement / Steel / etc.,	264.00	3,080.88		
		Item No : 17.				
Ton/ Km	10.50	Cost of Haulage Excluding Loading..... . ii) Un-surfaced gravel road. a) Cement - Lead = 140.00 Km. @ Rs. 12.70/Km = Rs. 1778.00/ton/Km.	1778.00	18,775.68		
Ton/ Km	1.11	(b) Steel from Balipara, lead = 168.00Km @ Rs. 12.70/Km = Rs 2133.60/Ton/Km	2133.60	2,368.30		

M/s A. J. Enterprises BHALUKPONG

Proprietor

Ton/ km	197.640	(c) Boulder, aggregate & sand (Materials from quarry, Lead = 8.00 Kms. Rate = @ Rs. 12.70/km = 101.60/ton/km	101.60	20,080.22	
		Sub Total		595,178.90	

Net value of work or supplies since previous bill 63,709.17

Total value of work done excluding GST 12% = Rs 531,469.73

Add GST @ 18% = Rs 95,593.75

G/Total (A+B+C) = D Rs 627,063.48

Total value of work done including GST & Cess = Rs **627,063.00**

Figure (F) in word (Rupees Six lakh twenty-seven thousand sixty-three) only.

* 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-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

II - Certificates and signature

The measurement were made by me on 02.03.2024 and are recorded at page No. 28 - 67 of measurement book No. 11362.
No advance payment has been made previously without detailed measurements.

(Rank)
Dated Signature of Officer preparing payment ..... Sub division
..... Division

M/s A.J. Enterprises, Bhalukpong
Thumb impression
Dated signature of Contractor Proprs. 11.3.24

*Dated signature of Officer Dy. Manager (C) 11/3/24
HSM-I (S&T), KaIPS.
NEEPCO Ltd., Bichom (A.P.)

12/03/24

*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

III - Memorandum of Payments

1.Total value of work actually measured,as per act,I.Col.5 Entry (A) 531469
2 Deduct amount witheld:- Add 18% GST 95634
627063

Figure of Works Abstract		Rs	P		Rs
	(a) From previous bill as per last Running Account bill				
	(b) From this bill			2	
	(3) Balance, i.e 'Up to date' payment (item 1.....2)				
	(4) Total amount payments already made as per entry (k)of last Running Account Bill No Forwaded with accounts AP				
	(5) Payment now to be made as detailed below:-				
	By recovery of amounts creditable to to this work:-				
	(a) Value of stock supplied as detailed in the Ledger at TDS - 2,31				
	Ditto in.....				
	Ditto in..... TDS - 55,31			5	
	Total 2(b)+5 -(G)				
	(b) By recovery of amounts creditable to the work or heads of accounts:- "Deposits" By Cheque				
	(c) Total 5 (b)+ (5)-- (H)				

(K) (a) (b)

5375 00
9525 00
5315 00
5315 00
53141 00

78611 00
(-) 25431 00
5,18,462 00

Received Rs.* Rupees five lakh eighteen thousand four hundred sixty two only as per above memorandum (Amount in vernacular)
on account of this

Left hand Thumb impression

M/s A.J. Enterprises, Bhalukpong
Stamp

Dated:-The
*Witness Dy. M(C)

Full signature of contractor

Paid by me. vide cheque No. dated

(Dated initial of person actually making the payment) Cashier

*This figure should be tested to see that is agrees with the total of items 4 and 5 . If that net amount to be paid is less than Rs.10/- and it can be included in a cheque the payment should be made in cash,this entry being altered suitably and the alteration attested by dated initials.
*Here specify the net amount payble-vide item 5(c)
The payees acknowledgement should be for the gross amount paid as item 5 (i.e.a+b+c)
*Payment should be attested by some know person when the payee's acknowledgement is given by a mark, seal or thumb impression
*Not required in case of bill of suppliers.

A-1

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

KPC, KIMI, A.P.

PAYMENT VOUCHER

Payable to : M/S A. J Enterprises

Vendor / Emp.Code No. 1 0 2 5 4 3 MIRO No. 5 1 0 5 6 1 9 7 3 5

NO. NEEPCO/KMP EP/WO/72/525 dt. 13.6.2023

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
Const. of pmt. Staff Bldg at TDS A/c Dr		1058064 Cr		
To Cess	2070726		9447 Cr	
" F/R (M/M)	2070729		7138 Cr	
" TDS-CNST	2070218		9447 Cr	
" TDS-SHST	2070219		9447 Cr	
" EPF	2070831		7404 Cr	
" Sec deposit	2062011		94470 Cr	
To Bank A/c	1082032			920411 Cr
SD Dac. No. 23	17000820			
	Total	1058064 Cr	137653 Cr	920411 Cr

Receipt

Rupees Nine Lakh Twenty thousand four hundred Eleven only

Narration Being the payment made towards Enclosed bill (W.O. No.) for the work Const. of staff building at Tengo Dam Site under TDS KMPS, KMPS including Septic tank & Soak pit as per Enclosed details.

Passing Record

Prepared AA/Accountant

Checked by AAO/Sr. Accountant

Passed by

AAO ..... AO .....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N :	2	3	1	5	0	0	9	2	0	4
Date :	1	6		0	6		2	0	2	3
Cheque No.:	C	M	P	1	2	9	6			
Date :	1	6		0	6		2	0	2	3

Cashier ..... Sr. Acctt. .....

AAO / AO / AM(F) DM (F) / M(F) / Sr M (F) / DGM (F)

North Eastern Electric Power Corporation Ltd

1ST RUNNING ACCOUNT BILL

For Contractors and Suppliers. This Form provides only for payments for works or supplies actually measured

Cash Book Voucher No: Nil
Name of Contractor: M/S A J ENTERPRISES Village Kmr,West Kameng Dist,A.P.
Name of Work: Construction of Staff building at Tenga Dam Site under TDG,KaHPS Khuppi including construction of Brick Septi Tank with Soak Pit,KaHPS,Khuppi.
Ref of Work Order: NEEPCO/KaHPS/R & B/ T-4/2022-23/1045 Dtd: 18.12.2022
Ref of Agreement: NEEPCO/KaHPS/R & B/ T-32/2023-24/518 Dtd: 03.04.2023
Date of actual completion: Under Progress
Serial No of this Bill:

I - Accounts of work done

Unit	Quantity executed up to date as per MB	Item of work under sub heads and sub works of estimate	Rate [Rs]	Amount [Rs] Up to date	Amount [Rs] Since previous bill [Total for each sub head]	Remarks
1	2	3	4	5	6	7
Sqm	200.000	Item No.1 Surface Dressing----	14.80	2960.00	2960.00	
Cum	21.635	Item No.2 Earthwork in excavation----	281.69	6095.33	6095.33	
Cum	9.162	Item No.3 Providing and laying cement concrete1:3:6------	6658.85	60993.06	60993.06	
		Item No.4 Reinforcement of RCC Work----------				
Kg	458.570	a) Mild Steel	90.24	41381.36	41381.36	
Kg	1475.860	b) Tor/TMT Steel	90.24	133184.31	133184.31	
		Item No.5 Centring and shuttering----				
Sqm	114.540	a) Foundation, footings, bases	348.50	39917.19	39917.19	
Sqm	22.949	c)Lintel Beams girders--	459.10	10531.75	10531.75	
Sqm	61.440	e) Column, pilars, post etc.	585.20	35954.69	35954.69	
Cum	11.504	Item No.6 Reinforced cement concrete work in foundation,footings bases of columns and mass concrete--------	9348.00	107539.39	107539.39	
Cum	3.072	Item No.7 Reinforced cement concrete work in colum,pilar,piers----------	10001.80	32598.73	32598.73	
Cum	1.434	Item No.8 Reinforced cement concrete work in lintel,beam,breastwork----------	10504.40	15063.31	15063.31	
Cum	45.210	Item No.9 Brick work with best available local bricks in foundations (1:4)----	8361.11	378009.98	378009.98	
Cum	27.165	Item No.10 Extra for Half Brick work with best available bricks in superstructure---	212.80	5780.71	5780.71	
Cum	43.160	Item No.11. Filling in plinth with sand---	846.30	36543.23	36543.23	
Sqm	27.910	Item No.12 Providing and laying damp proof course------	454.35	12635.47	12635.47	
		Total value of the work done to date (Rs)		920055.53	920055.53	
		Adding 15% over the Total Amount as per Negotiation		138008.33	138008.33	
		Grand Total Value of the work		1058063.86	1058063.86	
		Say		1058064.00	1058064.00	
		Actual Value of the work		930339.52	930339.52	
		Add Cess @1%		9303.40	9303.40	
		Add GST @ 12%		113734.39	113734.39	
		Grand Total Value of the work done to date		1059187.61	1059187.61	

II - Certificate and Signature

The measurement were made by me from 18.12.2022 to 30.04.2023 and recorded at Page 1 to 32 of MB No. 11359. No advance payment has been made previously without detailed measurements.

Signature of Officer preparing payment

A.E (C) TDG KaHPS, Bichom

MD, HSM-I,KaHPS,Bichom

Proprietor

M/s A.J. ENTERPRISES

Thumb impression and signature of the Contractor

Bhalukpong

In Charge,HSM-I,KaHPS,Bichom

The signature is necessary only when the Officer preparing the bill is not the Officer who authorise the payment. In such case two signatures are required.

III - Memorandum of Payments

1. Total Value of work actually measured as per Acctt Colm 5 entry (A)
2. Deduct amount withheld
Fig of works Abstract
   (a) From Previous Bill as per last Running Account bill
   (b) From this bill
3. Balance i.e. up to date payment Item 1 ... 21
4. Total amount payments already made as per entry (K) of last RA bill No _____ (forwarded with accounts)
5. Payments now to be made as detailed below
   By recovery of amounts creditable to this work
   Value of stock supplied as detailed in the ledger in
   Crse in
   Crse in
   Total 2 (b) + 5 (bd)
   By recovery of amounts creditable to this work or head of accounts
   "Deposits" by Cheque
   [c] Total 5 (b) + 5 - (H)

Received Rs Nine Lakh Twenty Thousand five hundred Eleven only on account of this work

as per above memorandum [amount in vernacular]

Left hand thumb impression of the Contractor

Stamp

Witness

Proprietor Contractor

M/s A.J ENTERPRISES Bhalukpong

Paid by me vide Cheque No _____ dtd _____

Cashier

Dated initials of person actually making the payment

This figure should be tested to see that it agrees with the total of items 4 & 5. If that NET amount to be paid is less than Rs 10.00 & it cannot be included in a cheque the payment should be made in cash, this entry being altered suitably & the alteration

* Here specify the net amount payable - vide Item 5 (c)

The payees acknowledgement should be for the the gross amount paid as item 5 [i.e. a + b + c]

* Payment should be attested by some known person when the payee's acknowledgement is given by a mark, seal or thumb impression
* Not required in case of bills of supplies

IV - REMARKS

This space is required for any remarks which the disbursing Officer of the Sr. Manager(C) may wish toward in respect of the execution of the work. The use of measurements of the state of contractor account.

A-1

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

KPC, KIMI, A.P.

PAYMENT VOUCHER

Payable to : M/S A.J. Enterprises

Vendor Doc. 7317002567

Vendor / Emp.Code No. 5 0 0 4 6 8

MIRO No. 5 1 0 5 6 2 8 0 9 0

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
Rep & maint of R&B	4 0 9 0 0 0 3	1926663.00		
TO KR(cess)	2 0 7 0 7 2 9		4060.00	
TO CESS	2 0 7 0 7 2 6		16328.00	
TO TDS CESS	2 0 7 0 2 1 2		16328.00	
TO TDS GST	2 0 7 0 2 1 9		163277.00	
TO Sec dpsit	2 0 6 2 0 1 1			
TO Bank	1 0 8 2 1 3 2			1710342.00
	Total	1926663.00	216321.00	1710342.00

Receipt

Rupees Seventeen Lakhs ten thousand three hundred forty two only.

Narration payment made against Constn. of 2 stg. Building at Tenga Dam side under IDA Kathpa Khupi including Constn. of Brick Septic tank with Lock pit, Kathpa Khupi.

Passing Record

Prepared AA/Accountant

Checked by AAO/Sr. Accountant

Passed by

AAO..... AO.....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N :

Date :

Cheque No.:

Date :

Cashier..... Sr. Acctt. .....

AAO / AO / AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

Pay advice Sent to HO on 29/1/24.

edule II - Works 10(A)

The Eastern Electric Power Corporation Ltd

2nd & Final RUNNING ACCOUNT BILL

For Contractors and Suppliers. This Form provides only for payments for works or supplies actually measured

Cnk: Nil

Contracto: M/S A J Enterprises,Vill: Kimi West Kameng Dist A.P

Name of Work: Construction of Staff Building at Tenga Dam Site under TDG,KaHPS,Khupp- including construction of Brick Septic Tank with Soak Pit,KaHPS,Khuppi

Ref of Work Order: NEEPCO/KaHPS/R & B/ T-4/2022-23/1045 Dtd 16.12.2022

Ref of Agreement: NEEPCO/KaHPS/R & B/ T-32/2023-24/516 Dtd 03/04/2023

Date of actual completion: 8-Dec-23

Serial No of this Bill: 2nd & Final

I - Accounts of work done

Unit	Quantity executed up to date as per MB	Item of work under sub heads and sub works of estimate	Rate [Rs]	Amount [Rs] Up to date	Amount [Rs] Since previous bill [Total for each sub head]	Remarks
1	2	3	4	5	6	7
Sqm	200.00	Item No.1 ,Surface Dressing----	14.80	2960.00	0.00	
Cum	21.63	Item No.2 Earthwork in excavation----	281.80	6095.33	0.00	
Cum	9.162	Item No.3, Providing and laying cement concrete1:3:6-------	6656.85	60990.06	0.00	
		Item No.4 Reinforcement of RCC Work----------				
Kg	601.13	a) Mild Steel	90.24	54245.97	12864.61	
Kg	1920.022	b) Tor/TMT Steel	90.24	173858.19	40973.88	
		Item No.5 Centring and shuttering----				
Sqm	114.54	a) Foundation, footings, bases	348.50	39917.19	0.00	
Sqm	6.50	c) suspended floors,roofs---	726.30	4720.95	4720.95	
Sqm	65.82	d)Lintel,Beams,girders--	459.10	30217.96	19088.21	
Sqm	61.44	e) Column, pillars, post etc.	595.20	36564.09	0.00	
Cum	11.504	Item No.6 Reinforced cement concrete work in foundation,footings,bases of columns and mass concrete---------	9346.00	107539.39	0.00	
Cum	3.07	Item No.7 Reinforced cement concrete work in colum,pillar,piers----------	10601.60	32568.73	0.00	
Cum	5.722	Item No.8 Reinforced cement concrete work in lintel,beam,bressumers----------	10504.40	60106.18	45042.87	
Cum	45.210	Item No.9 Brick work with best available local bricks in foundations (1:4)----	8381.11	378909.98	0.00	
Cum	27.17	Item No.10 Extra for Half Brick work with best available bricks in superstructure----	212.80	5780.71	0.00	
Cum	43.180	Item No.11, Filling in plinth with sand---	846.30	36543.23	0.00	
Sqm	27.81	Item No.12 Providing and laying damp proof course-------	454.35	12635.42	0.00	
TeR	139.30	Item No.13 Providing best available local wood----	490.70	68882.41	68882.41	
TeR	113.10	Item No.14 Providing best available local wood----	461.30	52173.03	52173.03	
Rm	56.30	Item No.15 Providing & fixing 2.50 cm th local eaves boards-----	369.60	20808.48	20808.48	
Rm	22.82	Item No.16 Providing & fixing paneld,glazed shutters for door-----	2793.00	63730.26	63730.26	
sqm	16.50	Item No.17 supplying & fixing factory made paneled shutters----	3247.50	53583.75	53583.75	
sqm	7.50	Item No.18 Providing & fixing PVC door shutters-----	2483.31	18624.83	18624.83	
Qtl	0.96	Item No.19 Providing & fixing MS round hoding down bolts---	13597.50	13053.60	13053.60	
Sqm	108.07	Item No.20, 25mm thick cement concrete flooring 1:2:4---	486.97	52982.34	52982.34	
kg	1007.69	Item No.21, Steel work in built up Tubular Truss----	114.44	115341.79	115341.79	
Cm	1100.00	Item No.22 Welding by electric plant-	6.10	6710.00	6710.00	
Kg	556.28	Item No.23 Providing & fixing MS grills---	136.94	76450.86	76450.86	
Sqm	578.18	Item No.24 ,15 mm cement plaster 1:4---	211.18	122100.05	122100.05	
Sqm	37.41	Item No.25 Neat cement punning	53.87	2015.28	2015.28	
Sqm	108.50	Item No.26 Providing & fixing 4mm thick asbestos plain sheet---	442.20	47978.70	47978.70	
Mtr	296.70	Item No.27 Providing & fixing plain square edge wooden beading----	71.70	21273.39	21273.39	
Sqm	176.18	Item No.28 Providing pre-laminated Galvanised iron sheet Roofing---	1187.24	209167.94	209167.94	
Sqm	19.50	Item No.29 Providing pre-laminated Galvanised iron sheet Ridges---	601.30	11725.35	11725.35	
Sqm	203.79	Item No.30 Applying priming coat with ready mix pink primer---	35.80	7295.68	7295.68	
Sqm	203.79	Item No.31 painting two or more coat for wood work----	97.30	19828.77	19828.77	
Sqm	23.07	Item No.32 Applying priming coat with ready mix primer ---	33.50	772.85	772.85	
Sqm	23.07	Item No.33 painting two or more coat with superior ready mix paint for steel work----	97.30	2244.71	2244.71	
Sqm	137.68	Item No.34 Applying one coat of cement primer---------	37.60	5184.29	5184.29	
Sqm	137.68	Item No.35 Finishing walls with water proofing cement paint----	169.30	23343.08	23343.08	
Sqm	403.14	Item No.36 Distempering two or more coats with oil bound washable distemper---	88.90	35842.70	35842.70	
Each	5.00	Item No.37 Providing fitting & fixing stainless steel kuchen sink---	8978.52	44892.60	44892.60	
Each	5.00	Item No.38 Providing & fixing White vitreous pedastal type (Europeantype) WC Pan ----	3159.10	15795.50	15795.50	
Each	5.00	Item No.39 Remaining PVC flushing cistern with all internal fittings-------	2256.29	11281.45	11281.45	
Each	5.00	Item No.40 Providing & fixing plastic seat with lid for pedastal type--------	842.70	4213.50	4213.50	
Rm	21.46	Item No.41 Making plinth protection with 2nd class brick----	1253.38	26896.69	26896.69	
Mtr	37.40	Item No.42 Construction of cement concrete Drain30cm wide and 22cm deep---	572.54	20001.62	20001.62	
Each	5.00	Item No.43 Providing & fixing white vitreous china wash basin---	4082.40	20412.00	20412.00	
Each	5.00	Item No.44 Providing & fixing 600 x 450 mm beveled edge mirror----	1203.90	6019.50	6019.50	
Each	5.00	Item No.45 Providing & fixing CP brass towel rail-----	708.90	3544.50	3544.50	
Each	10.00	Item No.46 Providing & fixing PVC Connection pipe---	89.20	892.00	892.00	
Each	15.00	Item No.47 Providing & fixing CP bib cock of 15mm dia----	928.37	13925.55	13925.55	
Each	5.00	Item No.48 Supplying fitting & fixing CP pillar cock of 15mm dia----	1052.18	5260.90	5260.90	
Each	10.00	Item No.49 Supplying fitting & fixing CP stop cock of approved bend---	962.57	9625.70	9625.70	
Each	5.00	Item No.50 Supplying fitting & fixing overhead adjustable chrome plated spray shower---	948.08	4740.40	4740.40	
Each	5.00	Item No.51 Supplying fitting & fixing CP stop cock of approved bend (i) 15mm dia (Concealed stop cock refuce body)---	1185.64	5928.20	5928.20	
		Item No.52 Supplying fitting & fixing PVC pipes of 6Kg/ sq. cm ---				
Each	9.50	(a)110mm dia	804.55	7240.95	7240.95	
Each	10.00	(b)75mm	425.84	4258.40	4258.40	
Each	5.00	Item No.53 Supplying fitting & fixing 87.50 Degree PVC bend with door of --(a)110mm dia	358.68	1794.40	1794.40	
Each	5.00	(b) 75mm	230.36	1151.80	1151.80	
Each	8.00	Item No.54 Supplying fitting & fixing 87.50 Degree PVC bend of --(a)In exposed surface or in trenches (i)110mm dia	305.40	2443.64	2443.64	
Each	10.00	(b) 75mm dia	184.58	1869.50	1869.50	
Each	4.00	Item No.55 Supplying fitting & fixing PVC plain single Tee of --(a)In exposed surface or in trenches (i)110mm dia	355.54	1422.16	1422.16	
Each	4.00	(b) 75mm dia	225.36	901.44	901.44	
Each	5.00	Item No.56 Supplying fitting & fixing PVC coupler of --(a)110mm dia	170.26	851.30	851.30	
Each	8.00	(b) 75mm dia	139.22	976.10	976.10	
Mtr	55.50	Item No.57 Providing & fixing CPVC pipes---(i)20mm dia	331.70	18409.35	18409.35	
Mtr	30.00	(ii)25mm dia	410.50	12315.00	12315.00	

Sqm	8.64	Item No.58 Supplying and laying boulder soling(100mm to 150mm size)---	809.58	6993.15	6993.15
Each	5.00	Item No.59 Providing & fixing aluminium sliding door bolts---	228.00	1140.00	1140.00
Each	30.00	Item No.60 Providing & fixing aluminium Tower bolts---c) 200 x 10mm	112.30	3369.00	3369.00
Each	28.00	d)150 x 10mm	76.90	2153.20	2153.20
Each	44.00	Item No.61 Providing & fixing aluminium Handles---	59.60	2622.40	2622.40
Sqm	11.98	Item No.62 Providing & fixing glass panes with putty and nails---	1292.20	15480.56	15480.56
RM	31.00	Item No.63 Providing, fitting & fixing synthe PVC door frame out of extruded PVC Section---	267.46	8291.26	8291.26
Each	5.00	Item No.64 Providing,fitting & fixing PVC Cowel of ---	170.26	851.30	851.30
		SEPTIC TANK & SOAK PIT			
Cum	45.18	Item No.65 Earthwork in excavation in foundation----	281.89	12731.72	12731.72
Cum	0.70	Item No.66 Supplying and laying boulder soling---	809.56	566.71	566.71
Cum	0.977	Item No.67 Providing and laying cement concrete1 3:6---	6656.85	6503.74	6503.74
Kg	100.75	Item No.68 Reinforcement of RCC Work (i) Tor/TMT bar----------	90.24	9091.68	9091.68
Cum	6.768	Item No.69 Brick work with best available local bricks in foundations (1:4)----	8381.11	56723.35	56723.35
Cum	17.390	Item No.70 Filling in plinth with sand---	846.30	14717.19	14717.19
		Item No.71 Centring and shuttering----			
Sqm	11.00	a) Foundation, footings, bases	348.50	3833.50	3833.50
Cum	0.825	Item No.72 Reinforced cement concrete work in foundation,footings,bases of columns and mass concrete------	9348.69	7712.60	7712.60
Sqm	32.53	Item No.73 15 mm cement plaster 1:4---	211.28	6872.94	6872.94
Sqm	32.53	Item No.74 Neat cement pinning	53.87	1752.39	1752.39

Total value of the work done to date (Rs)	2510336.36	1590080.86
Total value of the work may be restricted to (Rs)	2510228.85	1590171.32
Less already paid vide 1st RA	920055.53	
Value of this bill	1590171.32	
Adding 15% over the Total Amount as per Negotiation	238525.70	238525.70
Total Value of the Bill	1828697.02	1828697.02
Actual value of the Bill	1632765.19	1632765.19
Add GST@18%	293897.74	293897.74
Gross total value of the Bill	1926662.93	1926662.93
Say	1926663.00	1926663.00

(Rupees Nineteen lakhs twenty six thousand six hundred sixty three only)

II - Certificate and Signature

The measurement were made by me from 01.05.2023 to 08.12.2023 and recorded at Page 1 to 125 of MB No. 11336. No advance payment has been made previously without detailed measurements

Thumb impression or dtd Signature of the Contractor

In Charge, HSM-I,KaHPS,Bongaigaon/HSM-I (B&T)
DGM(C)/Incharge
NERPSIP/NEEPCO Ltd, Bishnath (A.P.)

A.E (C), TDG KaHPS, Tezpur

Signature is necessary only when the Officer preparing the bill is not the Officer who signs the payment. In such case two signatures are essential.

III - Memorandum of Payments

1. Total Value of work actually measured as per Acctt Colm 5 entry (A)
2. Deduct amount withheld:

Fig of works Abstract

a) From Previous Bill as per last Running Account bill
b) From this bill

3. Balance i.e. up to date payment [Item 1 ... 2]
4. Total amount payments already made as per entry (K) of last RA bill No _____ forwarded vide Lr.no.Nil
5. Payments now to be made as detailed below

By recovery of amounts creditable to this work

Value of stock supplied as detailed in the ledger in _____ (b)
Ditto in
Ditto in

Total 3 (b) + 5 -(G)

By recovery of amounts creditable to the works or head of accounts

'Deposits' by Cheque _____

[c] Total 5 (b) + 5 - (H)

Rupees Seventeen Lakh Ten Thousand Three Hundred Twenty Only

Rs

as per above memorandum [amount in words]

Received Rs
on account of this work

Left hand thumb impression of the Contractor

Stamp

Witness

Full Signature of Contractor

Paid by me vide Cheque No _____ dtd _____

Cashier

[dated initials of person actually making the payment]

This figure should be tested to see that it agrees with the total of items 4 & 5. If that NET amount to be paid is less than Rs 10.00 & it cannot be included in a cheque the payment should be made in cash, this entry being attested suitably & the alteration

* Here specify the net amount payable - vide item 5 (c)

The payees acknowledgement should be for the the gross amount paid as item 5 [i.e. a + b + c]

* Payment should be attested by some known person when the payee's acknowledgement is given by a mark, seal or thumb impression

* Not required in case of bills of supplies

IV - REMARKS

This space is required for any remarks which the disbursing Officer of the Sr. Manager(C) may wish toward in respect of the execution of the work. Cheque of measurements of the store of contractor account

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
KPC, KIMI, A.P.
PAYMENT VOUCHER

Payable to : Mrgi Enterprises.

Vendor / Emp. Code No. 1 0 3 5 8 0 MIRO No. 5 1 0 5 6 1 8 2 7 7

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
Rcpt of RCB.	4 0 9 0 0 0 3	877071 00		
TO Security deposit	2 0 6 2 0 1 1		78310 00	
TO F.R (MM)	2 0 7 0 7 2 9		6270 00	
TO GPF.	2 0 7 0 8 2 1		57258 00	
To Cess.	2 0 7 0 7 2 6		7831 00	
TO TDS CC&B.	2 0 7 0 2 1 2		7831 00	
TO TDS C&B.	2 0 7 0 2 1 9		7831 00	
TO Bank				711740 00
Vendor liability/SD account No. 2317009496				
	Total	877071 00	165331 00	711740 00

Receipt — Rupees Seven Lakhs eleven Thousand Seven Hundred forty only.

Narration payment made against cost of security barrack at Raga Dam site under IDL including cost of septic tank with soak.

Passing Record

Prepared AA/Accountant — Checked by AAO/Sr. Accountant

Passed by

AAO ..... AO .....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N : 2 3 1 5 8 0 5 3 5 3

Date : 1 0 - 0 5 - 2 0 2 3

Cheque No.: CMP 6 6 F

Date : 1 0 - 0 5 - 2 0 2 3

Cashier ..... Sr. Acctt. .....

AAO / AO / AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

Schedule II - Works 10(A)

North Eastern Electric Power Corporation Ltd

1ST RUNNING ACCOUNT BILL

For Contractors and Suppliers. This Form provides only for payments for works or supplies actually measured

Cash : Nil

Name of : M/S ARGI ENTERPRISES Village Kms West Kameng Dist A P

Name of Work : Construction of Security Barrack at Tenga Dam Site under TDG KaHPS,Khuppi including construction of Brick Sepb Tank with Soak Pit,KaHPS,Khuppi

Ref of Work Order : NEEPCO/KaHPS/R & B/ T-4/2022-23/965 Dtd 12.12.2022

Ref of Agreement : NEEPCO/KaHPS/R & B/ T-32/2022-23/517 Dtd 03.04.2023

Date of actual comple Under Progress

Serial No of this Bill

I - Accounts of work done

Unit	Quantity executed up to date as per MB	Item of work under sub heads and sub works of estimate	Rate (Rs)	Amount (Rs) Up to date	Amount (Rs) Since previous bill (Total for each sub	Remarks
1	2	3	4	5	6	7
Sqm	220.00	Item No.1 ,Surface Dressing----	14.80	3256.00	3256.00	
Cum	16.72	Item No.2 Earthwork in excavation----	281.85	4712.82	4712.82	
Cum	7.693	Item No.3, Providing and laying cement concrete1:2:4------	6656.65	51211.15	51211.15	
		Item No.4 Reinforcement of RCC Work----------				
Kg	347.46	a) Mild Steel	90.24	31354.79	31354.79	
Kg	1286.964	b) TenTMT Steel	90.24	116134.73	116134.73	
		Item No.5 Centring and shuttering----				
Sqm	73.62	a) Foundation, footings, bases	348.50	25726.27	25726.27	
Sqm	20.64	c) Lintel Beams,girders--	459.10	9567.64	9567.64	
Sqm	51.20	e) Column, pillars, post etc	585.20	29962.24	29962.24	
Cum	7.844	Item No.6 Reinforced cement concrete work in foundation,footings,bases of columns and mess concrete--------	9348.65	73330.42	73330.42	
Cum	2.66	Item No.7 Reinforced cement concrete work in colum pillar,piers----------	10601.80	27140.61	27140.61	
Cum	1.302	Item No.8 Reinforced cement concrete work in lintel beam,bressumers----------	10504.40	13676.73	13676.73	
Cum	34.226	Item No.9 Brick work with best available local bricks in foundations (1:4)----	8381.11	286851.87	286851.87	
Cum	21.94	Item No.10 Extra for Half Brick work with best available bricks in superstructure----	212.80	4668.83	4668.83	
Cum	33.119	Item No.11, Filling in plinth with sand---	996.32	33106.41	33106.41	
Sqm	20.68	Item No.12 Providing and laying damp proof course--------	454.35	9400.83	9400.83	
Sqm	87.24	Item No.20, 25mm thick cement concrete flooring 1:2:4---	486.97	42483.28	42483.28	
		Total value of the work done to date (Rs)		762670.00	762670.00	
		Adding 15% over the Total Amount as per Negotiation		114400.59	114400.59	
		Grand Total Value of the work		877071.19	877071.19	
		Say		877071.00	877071.00	
		Actual Value of the work		~~776139.99~~	~~776169.03~~	783,099.60
		Add Cess @1%		~~7761.39~~	~~7761.69~~	
		Add GST @ 12%		~~93140.29~~	~~93140.29~~	93,972.00
		Grand Total Value of the work done to date		877071.00	877071.00	

II - Certificate and Signature

The measurement were made by me from 12.12.2022 to 26.04.2023 and recorded at Page 1 to 41 of MB No 11357 .No advance payment has been made previously without detailed measurements

29/4/23

MD, HSM-I,KaHPS,Bichom

02/05/2023

In Charge,HSM-I,KaHPS,Bichom

Signature of Officer preparing payment

29/4/23

A.E.(C),TDG,KaHPS,Khuppi

Thumb Impression or old Signature of the Contractor

The signature is necessary only when the Officer preparing the bill is not the Officer who authorise the payment in which case both signatures are essential

III - Memorandum of Payments

1. Total Value of work actually measured as per Accts Colm 5 entry (A)

2. Deduct amount withheld

Fig of works Abstract

(a) From Previous Bill as per last Running Account bill

(b) From this bill

3. Balance i.e. up to date payment (Item 1 ... 2)

4. Total amount payments already made as per entry (K) of last RA bill No _____ forwarded with accounts

5. Payments now to be made as detailed below

By recovery of amounts creditable to this work

Value of stock supplied as detailed in the ledger in
Ditto in
Ditto in

Total 2 (b) + 5 (a)

By recovery of amounts creditable to the works or head of accounts

"Deposits" by Cheque

(c) Total 5 (b) + 6 - (M)

Rs | p

Received Rs

on account of this work

M/s Argi Enterprises

Proprietor

as per above memorandum [amount in vernacular]

Signature and thumb impression of the Contractor

Stamp

Witness

Full Signature of Contractor

Paid by me vide Cheque No _____ dtd _____

Dated initials of person actually making the payment

Cashier

This figure should be tested to see that it agrees with the total of items 4 & 5. If that NET amount to be paid is less than Rs 10.00 & it cannot be included in a cheque the payment should be made in cash, this entry being altered suitably & the alteration

* Here specify the net amount payable - vide item 5 (c)

The payees acknowledgement should be for the the gross amount paid as item 5 [i.e. a + b + c]

* Payment should be attested by some known person when the payee's acknowledgement is given by a mark, seal or thumb impression

* Not required in case of bills of suppliers

IV - REMARKS

This space is required for any remarks which the disbursing Officer or the Superintendent(C) may wish toward in respect of the execution of the work. Cheque of measurements of the state of contractor account

W/O No. NR/Bpl-01/Kathpl/R&B/T-4/2022-23/1985 Dtd. 15.12.2022.

Total value of Work as per Measurement Sheet & Est. Rate Cost Estimate (A) ---------- Rs. 783099'00

Add. GST @ 12% " 93972'00

" 877071'00

By recovery of Material Credit

(b) CC 22 ..... 7821'00

RR (mm) .... 6270'00

IDSC 22 .... 7821'00

IDSC 22 .... 7821'00

EPF ..... 57258'00

Sec. deposit : 78210'00

---------- (-) " 165331'00

Pay by cheque for ..... Rs. 711740'00

(Rupees Seven lakhs eleven thousand Seven hundred forty) only.

EE (C)

Dy. Mgr.

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
KPC, KIMI, A.P.
PAYMENT VOUCHER

Payable to : M/S Angi Enterprise

Vendor / Emp.Code No. 1 0 3 5 8 0

MIRO No. 5 1 0 5 6 2 5 4 8 6

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
Cont. of Sec. Bank M/T TDS Tenga A/c		1567832 00		
To Cess	2070726	-	13287 00	
" F/R (M/m)	2070729	-	2537 00	
" TDS-CGST	2070218	-	13287 00	
" TDS-SGST	2070219	-	13287 00	
" Sec. deposit	2062011	-	132867 00	
To Bank A/C	1082132	-	-	1392567 00
	Total	1567832 00	175265 00	1392567 00

Receipt

Rupees Thirteen Lakh Ninety Two thousand five hundred Sixty Seven only

Narration Being the payment made towards Enclosed bill (2nd R A B final) for the work Cont. of Security Bank M/T at Tenga Dam site under TDS, KHPS, Khuppi includes Cont. of Septic Tank with Seek pit as per Enclosed Est.

Passing Record

Prepared AA/Accountant

Passed by

AAO ..... AO .....

AM(F) / DM(F) / M(F) Sr M (Fin)

Checked by AAO/Sr. Accountant

Payment Details

Voucher N : 2 3 1 5 0 2 4 7 2 3

Date : 1 8 1 1 2 0 2 3

Cheque No : C M P 3 6 7 F

Date : 1 8 1 1 2 0 2 3

Cashier ..... Sr. Acctt. .....

AAO / AO / AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

NB. NEEPCO/KHPS/WB/Sec. Bank M/T/TDS/GID dt. 17.11.2023

Schedule III - Works 10(A)

North Eastern Electric Power Corporation Ltd

2nd & Final RUNNING ACCOUNT BILL

For Contractors and Suppliers. This Form provides only for payments for works or supplies actually measured

Cash Bill

Name of MS ARGI ENTERPRISES Village Kimi,West Kameng Dist,A P

Name of Work Construction of Security Barrack at Tenga Dam Site under TDG,KaHPS,Khuppi including construction of Brick Septic Tank with Soak Pit,KaHPS,Khuppi

Ref of Work Order NEEPCO/KaHPS/R & B/ T-4/2022-23/565 Dtd 12.12.2022

Ref of Agreement NEEPCO/KaHPS/R & B/ T-32/2022-23/517 Dtd 03.04.2023

Date of actual comple 08.10.2023

Serial No of this Bill

I - Accounts of work done

Unit	Quantity executed up to date as per MB	Item of work under sub heads and sub works of estimate	Rate [Rs]	Amount [Rs]		Remarks
				Up to date	Since previous bill [Total for each sub head]	
1	2	3	4	5	6	7
Sqm	220.00	Item No 1 ,Surface Dressing----	14.80	3256.00	0.00	
Cum	16.72	Item No.2 Earthwork in excavation----	281.90	4712.82	0.00	
Cum	7.693	Item No.3. Providing and laying cement concrete1:3:6------	6666.85	51271.55	0.00	
		Item No.4 Reinforcement of RCC Work----------				
Kg	466.67	a) Mild Steel	90.24	42033.66	10997.27	
Kg	1728.120	b) Tor/TMT Steel	90.24	155945.55	35911.18	
		Item No.5 Centering and shuttering----				
Sqm	73.62	a) Foundation, footings, bases	348.55	25720.27	0.00	
Sqm	58.10	c) suspended floors,roofs---	726.39	11693.43	11693.43	
Sqm	58.10	d) Inri Beams,girders--	459.10	26556.51	16187.86	
Sqm	51.20	e) Column, pillars, post etc	585.20	29962.24	0.00	
Cum	7.844	Item No.6 Reinforced cement concrete work in foundation,footings,bases of columns and mass concrete--------	9348.63	73339.42	0.00	
Cum	2.56	Item No.7 Reinforced cement concrete work in colum,pillar piers----------	10601.89	27140.61	0.00	
Cum	5.627	Item No.8 Reinforced cement concrete work in lintel,beam,bressumers----------	10504.49	59108.26	45431.53	
Cum	34.220	Item No.9 Brick work with best available local bricks in foundations (1:4)----	8381.11	286951.87	0.00	
Cum	21.94	Item No.10 Extra for Half Brick work with best available bricks in superstructure----	212.80	4668.83	0.00	
Cum	39.119	Item No.11. Filling in plinth with sand---	846.30	33106.41	0.00	
Sqm	20.99	Item No.12 Providing and laying damp proof course--------	454.35	9486.83	0.00	
Ten Cubm	112.40	Item No.13 Providing best available local wood----	460.70	55154.08	55154.08	
Ten Cubm	80.40	Item No.14 Providing best available local wood----	481.20	39856.32	39856.32	
RM	64.60	Item No.15 Providing & fixing 2.50 cm thlocal eaves boards----	366.60	23654.40	23654.40	
sqm	20.93	Item No.16 Providing & fixing paneld,glazed shutters for door----	2793.00	58457.49	58457.49	
sqm	7.20	Item No.17 supplying & fixing factory made paneled shutters----	3247.50	23382.00	23382.00	
sqm	3.00	Item No.18 Providing & fixing PVC door shutters----	2483.31	7449.93	7449.93	
Qtl	0.62	Item No.19 Providing & fixing MS sound holding down bolts---	13597.50	8430.45	8430.45	
Sqm	87.24	Item No.20. 25mm thick cement concrete flooring 1:2:4---	486.97	42483.26	0.00	
kg	1124.01	Item No.21. Steel work in built up Tubular Truss----	114.44	128631.70	128631.70	
Qtl	1200.00	Item No.22 Welding by electric plant-	6.10	7320.00	7320.00	
Kg	593.78	Item No.23 Providing & fixing MS grills---	136.94	81312.23	81312.23	
Sqm	451.74	Item No.24 .15 mm cement plaster 1:4---	211.18	95398.45	95398.45	
Sqm	30.78	Item No.25 Neat cement pinning	53.87	1658.12	1658.12	
Sqm	92.64	Item No.26 Providing & fixing 4mm thick asbestos plain sheet---	442.20	40965.41	40965.41	
Mtr	217.70	Item No.27 Providing & fixing plain square edge wooden beading----	71.70	15609.09	15609.09	
Sqm	167.60	Item No.28 Providing pre-laminated Galvanised iron sheet Roofing---	1167.24	195661.42	195661.42	
Sqm	33.30	Item No.29 Providing pre-laminated Galvanised iron sheet Ridges---	601.30	20023.29	20023.29	
Sqm	157.63	Item No.30 Applying priming coat with ready mix pink primer---	35.80	5643.15	5643.15	
Sqm	157.63	Item No.31 painting two or more coat for wood work----	97.30	15337.40	15337.40	
Sqm	21.16	Item No.32 Applying priming coat with ready mix primer ---	33.50	708.86	708.86	
Sqm	21.16	Item No.33 painting two or more coat with superior ready mix paint for steel work----	97.30	2058.87	2058.87	
Sqm	172.63	Item No.34 Applying one coat of cement primer---------	37.60	6490.89	6490.89	
Sqm	172.63	Item No.35 Finishing walls with water proofing cement paint----	169.39	29226.29	29226.29	
Sqm	244.33	Item No.36 Distempering two or more coats with oil bound washable distemper---	88.90	21720.94	21720.94	
Each	2.00	Item No.37 Providing fitting & fixing stainless steel kitchen sink---	8978.52	17957.04	17957.04	
Each	2.00	Item No.38 Providing & fixing water closet squating pan----	4199.60	8399.60	8399.60	
Sqm	24.21	Item No.39 Making plinth protection----	1253.35	30343.60	30343.60	
Mtr.	50.40	Item No.40 Construction of cement concrete drain 30 cm wide----	572.55	28858.52	28858.52	
Each	3.00	Item No.41 Providing & fixing white vitreous china wash basin---	4082.40	12247.20	12247.20	
Each	2.00	Item No.42 Providing & fixing 600 x 450 mm beveled edge mirror----	1203.90	2407.80	2407.80	
Each	2.00	Item No.43 Providing & fixing CP brass towel rail----	708.90	1417.80	1417.80	
Each	5.00	Item No.44 Providing & fixing PVC Connection pipe---	89.20	446.00	446.00	
Each	6.00	Item No.45 Providing & fixing CP bib cock of 15mm dia----	928.37	5570.22	5570.22	
Each	3.00	Item No.46 Supplying fitting & fixing CP pillar cock of 15mm dia----	1052.18	3156.54	3156.54	
Each	5.00	Item No.47 Supplying fitting & fixing CP stop cock of approved band---	962.57	4812.85	4812.85	
Each	2.00	Item No.48 Supplying fitting & fixing overhead adjustable chrome plated spray shower---	949.08	1898.16	1898.16	
Each	2.00	Item No.49 Supplying fitting & fixing CP stop cock of approved band (i) 15mm dia (Concealed stop cock reduce body)---	1185.64	2371.28	2371.28	
Each	5.00	Item No.50 Supplying fitting & fixing PVC pipes of 6Kg/ sq. cm ---	804.55	4022.75	4022.75	
Each	4.00	(vi)75mm	425.94	1703.76	1703.76	
Each	2.00	Item No.51 Supplying fitting & fixing 87.50 Degree PVC bend with door of ---(a)110mm dia	358.88	717.76	717.76	
Each	3.00	(b) 75mm	230.35	691.08	691.08	
Each	4.00	Item No.52 Supplying fitting & fixing 67.50 Degree PVC bend of ---(a)In exposed surface or in trenches (a)110mm dia	305.48	1221.92	1221.92	
Each	3.00	(b) 75mm dia	185.95	560.85	560.85	
Each	2.00	Item No.53 Supplying fitting & fixing PVC plain single Tee of ---(a)In exposed surface or in trenches (a)110mm dia	355.54	711.08	711.08	
Each	2.00	(b) 75mm dia	225.36	450.72	450.72	
Each	4.00	Item No.54 Supplying fitting & fixing PVC coupler of ---(a)110mm dia	170.26	681.04	681.04	
Each	4.00	(v) 75mm dia	135.22	540.88	540.88	
Mtr	35.00	Item No.55 Providing & fixing CPVC pipes---(i)25mm dia	331.70	11609.50	11609.50	
Mtr	20.00	(ii)25mm dia	410.50	8210.00	8210.00	
Sqm	7.82	Item No.56 Supplying and laying boulder soling(100mm to 150mm size)---	809.58	6333.34	6333.34	
Each	4.00	Item No.57 Providing & fixing aluminium sliding door bolts---	228.00	912.00	912.00	
Each	8.00	Item No.58 Providing & fixing aluminium Tower bolts---c) 200 x 10mm	112.30	898.40	898.40	
Each	26.00	d)150 x 10mm	76.90	1999.40	1999.40	
Each	21.00	Item No.59 Providing & fixing aluminium Handles---	59.60	1251.60	1251.60	
Sqm	11.03	Item No.60 Providing & fixing glass panes with putty etc	1292.20	14252.97	14252.97	

RM	12.00	Item No.61 Providing,fitting & fixing Syntex PVC door frames---glass panes with putty and nails---	267.45	3209.52	3209.52
Each	2.00	Item No.62 Providing,fitting & fixing PVC Cowel of ---	170.26	340.52	340.52
		SEPTIC TANK & SOAK PIT			
Cum	22.18	Item No.63 Earthwork in excavation in foundation----	281.80	6250.32	6250.32
Cum	0.70	Item No.64 Supplying and laying boulder soling---	809.58	566.71	566.71
Cum	0.977	Item No.65 Providing and laying cement concrete1:3:6------	6650.85	6503.74	6503.74
Kg	100.75	Item No.66 Reinforcement of RCC Work (i) Tor/TMT bar----------	90.24	9091.68	9091.68
Cum	6.768	Item No.67 Brick work with best available local bricks in foundations (1:4)---	8381.11	56723.35	56723.35
Cum	3.98	Item No.68 Filling in plinth with sand---	846.30	3368.27	3368.27
		Item No.69 Centring and shuttering----			
Sqm	11.00	a) Foundation, footings, bases	348.50	3833.50	3833.50
Cum	0.826	Item No.70 Reinforced cement concrete work in foundation,footings,bases of columns and mass concrete--------	9340.00	7712.60	7712.60
Sqm	32.53	Item No.71 15 mm cement plaster 1:4---	211.26	6872.94	6872.94
Sqm	32.53	Item No.72 float cement pinning	53.87	1752.39	1752.39

Total value of the work done to date (Rs)	2056810.08	1294130.83
Total value of the work may be restricted to (Rs)	2056681.00	1294010.40
Less already paid vide 1st RA	762670.80	
Value of this bill	1294010.40	
Adding 15% over the Total Amount as per Negotiation	194101.56	194101.56
Total Value of the Work	1488111.96	1488111.96
1328671.39 Actual value of the work	1346983.24	1346983.24 1328671.39
239160.85 Add GST@18%	287044.38	287044.38 239160.85
Gross total value of the work done	1553987.62	1553987.62
1567832.00 Say	1553988.00	1553988.00 1567832.00

(Rupees Fifteen lakhs fifty three thousand nine hundred fifty eight only)

II - Certificate and Signature Eight seven eight sixty two

The measurement were made by me from 05.05.2023 to 08.10.2023 and recorded at Page 1 to 124 of MB No 10148. No advance payment has been made previously without detailed measurements

08/10/2023

MD, HSM-I,KaHPS,Bichom

A.E (C),TDG,KaHPS, Tenga Dam

04/11/2023

Thumb Impression of and Signature of the Contractor

In Charge HSM-I,KaHPS,Bichom

The signature is necessary only when the Officer preparing the bill is not the Officer who authorise the payment. In such case he shall record a special

13/11/2023

M/s Argi Enterprises

Proprietor

III - Memorandum of Payments

1. Total Value of work actually measured as per Accts Colm 5 entry (A)
2. Deduct amount withheld

Fig of works Abstract

a) From Previous Bill as per last Running Account b/l
b) From this bill

3. Balance i.e. up to date payment [Item 1 ... 2]
4. Total amount payments already made as per entry (K) of last RA bill No _____ forwarded with accounts
5. Payments now to be made as detailed below

By recovery of amounts creditable to this work

Value of stock supplied as detailed in the ledger in
Date in
Date in

Total 2 (b) + 5 .(a)

By recovery of amounts creditable to the works or head of accounts:

"Deposits" by Cheque

(c) Total 5 (b) + 5 - (H)

Received Rs
on account of this work (Rupees Thirteen Lakhs Ninety Five Thousand five hundred Sixty Seven) only

as per above memorandum [amount in words only]

Left hand thumb impression of the Contractor

Witness

Stamp

Full Signature of Contractor

Paid by me vide Cheque No _____ dtd _____

Cashier

(dated initials of person actually making the payment)

This figure should be tested to see that it agrees with the total of items 4 & 5. If that NET amount to be paid is less than Rs 10.00 & it cannot be included in a cheque the payment should be made in cash, this entry being altered suitably & the alteration

* Here specify the net amount payable - vide item 5 (c)
This payees acknowledgement should be for the the gross amount paid as item 5 [i.e. a + b + c]
* Payment should be attested by some known person when the payee's acknowledgement is given by a mark, seal or thumb impression
* Not required in case of bills of supplies.

IV - REMARKS

This space is required for any remarks which the disbursing Officer or the Sr. Manager(C) may wish toward in respect of the execution of the work, Cheque of measurements of the state of contractor account.

adule II - Works 10(A)

North Eastern Electric Power Corporation Ltd

2nd & Final RUNNING ACCOUNT BILL

For Contractors and Suppliers. This Form provides only for payments for works or supplies actually measured

Cash : Nil

Name of : M/S ARGI ENTERPRISES Village Kimi,West Kameng Dist,A.P.

Name of Work : Construction of Security Barrack at Tenga Dam Site under TDG,KaHPS,Khupa including construction of Brick Septic Tank with Soak Pit,KaHPS,Khuppi

Ref of Work Order : NEEPCO/KaHPS/R & B/ T-4/2022-23/665 Dtd 12.12.2022

Ref of Agreement : NEEPCO/KaHPS/R & B/ T-32/2022-23/617 Dtd 03.04.2023

Date of actual complet 09.10.2023

Serial No of this Bill :

I - Accounts of work done

Unit	Quantity executed up to date as per MB	Item of work under sub heads and sub works of estimate	Rate [Rs]	Amount [Rs]		Remarks
				Up to date	Since previous bill [Total for each sub head]	
1	2	3	4	5	6	7
Sqm	220.00	Item No.1 ,Surface Dressing----	14.80	3256.00	0.00	
Cum	16.72	Item No.2 Earthwork in excavation ----	281.60	4712.62	0.00	
Cum	7.693	Item No.3, Providing and laying cement concrete1: 3:6------	6956.85	51211.15	0.00	
		Item No.4 Reinforcement of RCC Work----------				
Kg	465.67	a) Mild Steel	90.24	42022.66	10667.27	
Kg	1728.120	b) Tor/TMT Steel	90.24	155945.55	39911.19	
		Item No.5 Centring and shuttering----				
Sqm	73.82	a) Foundation, footings, bases	348.50	25720.27	0.00	
Sqm	16.16	c) suspended floors roofs---	726.30	11693.43	11693.43	
Sqm	66.10	d)Lintel Beams girders--	459.10	29755.51	16197.65	
Sqm	51.20	e) Columns, pilars, post etc.	585.20	29992.24	0.00	
Cum	7.844	Item No.6 Reinforced cement concrete work in foundation,footings,bases of columns and mass concrete--------	9348.69	73330.42	0.00	
Cum	2.66	Item No.7 Reinforced cement concrete work in colum,pillar piers----------	10003.80	27140.61	0.00	
Cum	5.627	Item No.8 Reinforced cement concrete work in lintel beam bressumers----------	10504.40	59108.26	45431.53	
Cum	34.226	Item No.9 Brick work with best available local bricks in foundations (1:4)----	8381.11	286851.67	0.00	
Cum	21.94	Item No.10 Extra for Half Brick work with best available bricks in superstructure----	212.60	4668.85	0.00	
Cum	39.119	Item No.11, Filing in plinth with sand---	846.30	33106.41	0.00	
Sqm	20.68	Item No.12 Providing and laying damp proof course--------	454.35	9486.83	0.00	
Ten Cudm	112.40	Item No.13 Providing best available local wood---	490.70	55154.68	55154.68	
Ten Cudm	69.40	Item No.14 Providing best available local wood---	481.30	39858.32	39858.32	
RM	64.00	Item No.15 Providing & fixing 2.60 cm th local sawed boards----	360.60	23654.40	23654.40	
sqm	20.93	Item No.16 Providing & fixing paneld,glazed shutters for door----	2793.00	58457.49	58457.49	
sqm	7.20	Item No.17 supplying & fixing factory made paneled shutters----	3247.60	23382.00	23382.00	
sqm	3.00	Item No.18 Providing & fixing PVC door shutters----	2483.31	7449.93	7449.93	
Qs	0.82	Item No.19 Providing & fixing MS eounc rooding down bolts---	13597.50	8430.45	8430.45	
Sqm	87.24	Item No.20, 25mm thick cement concrete flooring 1:2:4---	486.97	42483.26	0.00	
kg	1124.01	Item No.21, Steel work in built up Tubular Truss----	114.64	128831.70	128831.70	
Cm	1200.00	Item No.22 Welding by electric plant-	6.10	7320.00	7320.00	
Kg	893.76	Item No.23 Providing & fixing MS grills---	136.94	81312.23	81312.23	
Sqm	451.74	Item No.24 15 mm cement plaster 1:4---	211.18	95398.45	95398.45	
Sqm	30.78	Item No.25 Neat cement pinning	53.87	1658.12	1658.12	
Sqm	92.64	Item No.26 Providing & fixing 4mm thick asbestos plain sheet---	442.29	40965.41	40965.41	
Mtr	217.70	Item No.27 Providing & fixing plain square edge wooden beading----	71.70	15609.09	15609.09	
Sqm	167.60	Item No.28 Providing pre-laminated Galvanised iron sheet Roofing---	1197.24	198091.42	198091.42	
Sqm	33.30	Item No.29 Providing pre-laminated Galvanised iron sheet Ridges---	601.39	20023.29	20023.29	
Sqm	157.63	Item No.30 Applying priming coat with ready mix pink primer---	35.80	5643.15	5643.15	
Sqm	157.63	Item No.31 painting two or more coat for wood work----	97.30	15337.40	15337.40	
Sqm	21.16	Item No.32 Applying priming coat with ready mix primer ---	33.50	708.86	708.86	
Sqm	21.16	Item No.33 painting two or more coat with superior ready mix paint for steel work----	97.30	2058.87	2058.87	
Sqm	172.63	Item No.34 Applying one coat of cement primer---------	37.60	6490.69	6490.69	
Sqm	172.63	Item No.35 Finishing walls with water proofing cement paint----	169.20	29220.29	29220.29	
Sqm	244.33	Item No.36 Distempering two or more coats with oil bound washable distemper---	88.90	21720.94	21720.94	
Each	2.00	Item No.37 Providing fitting & fixing stainless steel kitchen sink---	8978.52	17957.04	17957.04	
Each	2.00	Item No.38 Providing & fixing water closet squating pan----	4199.80	8399.60	8399.60	
Sqm	24.21	Item No.39 Making plinth protection---	1253.35	30343.60	30343.60	
Mtr	50.49	Item No.40 Construction of cement concrete drain 30 cm wide----	572.55	28856.52	28856.52	
Each	3.00	Item No.41 Providing & fixing white vitreous china wash basin---	4082.40	12247.20	12247.20	
Each	2.00	Item No.42 Providing & fixing 600 x 450 mm beveled edge mirror----	1203.90	2407.80	2407.80	
Each	2.00	Item No.43 Providing & fixing CP brass towel rail----	708.90	1417.80	1417.80	
Each	5.00	Item No.44 Providing & fixing PvC Connection pipe---	89.20	446.00	446.00	
Each	6.00	Item No.45 Providing & fixing CP bib cork of 15mm dia----	928.37	5570.22	5570.22	
Each	3.00	Item No.46 Supplying fitting & fixing CP pillar cork of 15mm dia----	1052.18	3156.54	3156.54	
Each	5.00	Item No.47 Supplying fitting & fixing CP stop cork of approved band---	962.57	4812.85	4812.85	
Each	2.00	Item No.48 Supplying fitting & fixing overhead adjustable chrome plated spray shower---	948.08	1896.16	1896.16	
Each	2.00	Item No.49 Supplying fitting & fixing CP stop cork of approved band (i) 15mm dia (Concealed stop cock reduce body)--	1185.64	2371.28	2371.28	
Each	5.00	Item No.50 Supplying fitting & fixing PVC pipes of 6Kg/ sq. cm ---	804.55	4022.75	4022.75	
Each	4.00	(vi)75mm	425.94	1703.76	1703.76	
Each	2.00	Item No.51 Supplying fitting & fixing 87.50 Degree PVC bend with door of ---(i)110mm dia	358.88	717.76	717.76	
Each	3.00	(b) 75mm	230.36	691.08	691.08	
Each	4.00	Item No.52 Supplying fitting & fixing 87.50 Degree PVC bend of ---(a)in exposed surface or in trenches (i)110mm dia	305.48	1221.92	1221.92	
Each	3.00	(b) 75mm dia	186.95	560.85	560.85	
Each	2.00	Item No.53 Supplying fitting & fixing PVC plain single Tee of ---(a)in exposed surface or in trenches (ii)110mm dia	355.54	711.08	711.08	
Each	2.00	(b) 75mm dia	225.36	450.72	450.72	
Each	4.00	Item No.54 Supplying fitting & fixing PVC coupler of ---(a)110mm dia	170.26	681.04	681.04	
Each	4.00	(v) 75mm dia	135.22	540.89	540.89	
Mtr	35.00	Item No.55 Providing & fixing CPVC pipes---(i)20mm dia	331.70	11609.50	11609.50	
Mtr	20.00	(ii)25mm dia	410.50	8210.00	8210.00	
Sqm	7.82	Item No.56 Supplying and laying boulder soling(100mm to 150mm size)---	809.56	6333.34	6333.34	
Each	4.00	Item No.57 Providing & fixing aluminium sliding door bolts--	228.00	912.00	912.00	
Each	8.00	Item No.58 Providing & fixing aluminium Tower bolts---c) 200 x 10mm	112.30	898.40	898.40	
Each	26.00	d)150 x 10mm	76.50	1989.40	1989.40	
Each	21.00	Item No.59 Providing & fixing aluminium Handles---	59.60	1251.60	1251.60	
Sqm	11.00	Item No.60 Providing & fixing glass panes with putty and ...	1292.20	14252.97	14252.97	

RM	12.00	Item No.61 Providing fitting & fixing Synthetic PVC door frames---glass panes with putty and nails---	267.46	3209.52	3209.52
Each	2.00	Item No.62 Providing fitting & fixing PVC Cowel of ---	170.26	340.52	340.52
		SEPTIC TANK & SOAK PIT			
Cum	22.18	Item No.63 Earthwork in excavation in foundation-----	281.93	6250.32	6250.32
Cum	0.70	Item No.64 Supplying and laying boulder soling---	809.58	566.71	566.71
Cum	0.977	Item No.65 Providing and laying cement concrete1:3:6------	6656.65	6503.74	6503.74
Kg	100.75	Item No.66 Reinforcement of RCC Work (i) Tor/TMT bar----------	90.24	9091.68	9091.68
Cum	6.760	Item No.67 Brick work with best available local bricks in foundations (1:4)---	8381.11	56723.35	56723.35
Cum	3.98	Item No.68 Filling in plots with sand---	849.99	3368.27	3368.27
		Item No.69 Centring and shuttering:---			
Sqm	11.00	a) Foundation, footings, bases	348.50	3833.50	3833.50
Cum	0.825	Item No.70 Reinforced cement concrete work in foundation,footings bases of columns and mass concrete---------	9348.60	7712.60	7712.60
Sqm	32.53	Item No.71 15 mm cement plaster 1:4---	211.28	6872.94	6872.94
Sqm	32.53	Item No.72 Neat cement pinning	53.87	1752.39	1752.39

Total value of the work done to date (Rs) 2056810.08 1204120.83

Total value of the work may be restricted to (Rs) 2056681.00 1204010.40

Less already paid vide 1st RA 762670.60

Value of this bill 1204010.40

Adding 15% over the Total Amount as per Negotiation 104101.56 104101.56

Total Value of the Work 1468111.96 1468111.96

1325671.39 →Actual value of the work 1316913.24 1316913.24 1325671.39

239160.56 →Add GST@18% 239048.38 239044.38 239160.56

Gross total value of the work done 1556047.62 1555957.62

Say 1556048.00 1555958.00 1567832.00

(Rupees Fifteen lakhs fifty-three thousand nine hundred fifty eight only)

1567832.00

II - Certificate and Signature Sixty seven rupees

The measurement were made by me from 05.05.2023 to 08.10.2023 and recorded at Page 1 to 124 of MB No. 15149. No advance payment has been made previously without detailed measurements.

MD, HSM / KaHPS Bichom

A.E.(C), TDG,Karbi Anglong Dam

Thumb Impression or dtd. Signature of the Contractor

In Charge,HSM / KaHPS Bichom

The signature is necessary only when the Officer preparing the bill is not the Officer who authorise the payment. In such case two signatures are essential

III - Memorandum of Payments

1. Total Value of work actually measured as per Acctt Comm 5 entry (A)

2. Deduct amount withheld:

Rs. 20,56,681.00

Rs. 3,08,502.00

Rs. 23,65,183.00

Rs. 8,77,671.00

Rs. 14,87,512.00

Rs. 13,25,671.39

Rs. 2,39,161.00

Rs. 15,67,832.00

Rs. 1,75,265.00

Rs. 13,92,567.00

Mis Argi Enterprises Proprietor

Reg of works Abstract

a) From Previous Bill as per last Running Account bill

b) From this bill

3. Balance i.e. up to date payment Items 1 ... 21

4. Total amount payments already made as per entry (K) of last RA bill No _____ forwarded with accounts

5. Payments now to be made as detailed below

By recovery of amounts creditable to this work

Value of stock supplied as detailed in the ledger in Dtds in Dtds in

Total 2 (b) + 3 - (c)

By recovery of amounts overdrawn as shown or head of accounts:

"Deposits" by Cheque

(c) Total 5 (b) + 3 - (d)

Received Rs

on account of this work (Rupees Thirteen Lakhs Ninety two thousand five hundred Sixty Seven) only

as per above memorandum [amount in vernacular]

Left hand thumb impression of the Contractor

Stamp

Witness

Full Signature of Contractor

Paid by me vide Cheque No _____ dtd _____

Cashier

[dated initials of person actually making the payment]

This figure should be tested to see that it agrees with the total of items 4 & 5. The net amount to be paid as less than Rs. 10.00 & it cannot be included in a cheque the payment should be made in cash, this entry being altered suitably & the alteration

* Here specify the net amount payable - vide item 5 (c)

The payees acknowledgement should be for the the gross amount paid as item 5 [i.e. a + b + c]

* Payment should be attested by some known person when the payee's acknowledgements given by a mark, seal or thumb impression

* Not required in case of bills of supplies

IV - REMARKS

This space is required for any remarks which the disbursing Officer of the Sr. Manager(C) may wish toward in respect of the execution of the work. Cheque of measurements of the state of contractor account

NEEPCO New Delhi North Eastern Electric Power Corporation

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A GOVT. OF INDIA ENTERPRISE)

OFFICE OF THE ENGINEER-IN-CHARGE, KIU, KPC,
KAMENG HYDRO ELECTRIC PROJECT
KIMI, ARUNACHAL PRADESH

==========

No. NEEPCO/KaHPS/R&B/T-4/2022-23/ **Dtd. 12.12.2022**

To

M/s ARGI ENTERPRISES
Village: Kimi
West Kameng District
Arunachal Pradesh

Sub:- Name of Work : "Construction of Security Barrack at Tenga Dam Site under TDG, KaHPS, Khuppi including construction of Brick Septic Tank with Soak Pit, KaHPS, Khuppi".

Ref: 1) Limited Tender No: 09 of 2021 – 22 Dated: 19.03.2022
2) Minutes of Negotiation meeting dated 14.09.2022

Dear Sir

With reference to above, the Corporation is pleased to award you the work for "Construction of Security Barrack at Tenga Dam Site under TDG, KaHPS, Khuppi including construction of Brick Septic Tank with Soak Pit, KaHPS, Khuppi as per the rates and specification indicated at enclosed Annexure-I and as per the terms and conditions mentioned below: -

The total value of the work is **Rs.23, 65,183.00** (Rupees Twenty-Three Lakh Sixty Five Thousand One Hundred Eighty Three) only

Terms and Conditions:

1. ***Scope of Work*:** Against this work is to "Construction of Security Barrack at Tenga Dam Site under TDG, KaHPS, Khuppi including construction of Brick Septic Tank with Soak Pit, KaHPS, Khuppi" (AP). The work is to execute as per the bill of quantities enclosed as Annexure–I and as per direction of the Engineer In-Charge or his authorized representative. The quantities of different items given in the BOQ (Annexure- I) are tentative and may undergo changes as per Site condition.

2. ***Time of Completion*:** 365days (Three Hundred Sixty-Five) days from the date of issue of order.

3. ***Issue of departmental materials*:** No departmental materials shall be issued to the contractor. All construction materials including storage etc. are within the scope of contractor.
However, for excavation work, Deptt Excavator shall be issued to the contractor on request as per the availability of the equipment on existing hire charge basis and the hire chares will be recovered from each interim bill.

4. ***Price escalation*:** No price escalation shall be allowed and the prices are firm.

5. **Paying Authority:** HOF, KaHPS, Kimi.

6. ***Payment Schedule:*** - 100% payment shall be made on satisfactory completion of the work.

7. ***E.P.F:*** The contractor shall submit the relevant documents as per norms of E.P.F. Act. (Latest circular) and abide by all rules laid down therein.

8. The contractor shall comply Labour Laws enforceable from time to time.

9. ***Security Deposit:*** -10 %(Ten) percent security deposit shall be deducted for due performance of the contract from the total bill value. The security deposit shall be released only after the defect liability period of 12(Twelve) months from the date of completion of the work.

You are therefore, requested to attend the office of the undersigned along with 1(one) no non judicial stamp paper of `.20.00 (Rupees Twenty) only for drawl of formal agreement within 7(Seven) days from the date of issue of this order.

Thanking you,

Yours Sincerely,

12/12/2022

GM (C), EIC (R&B)
KaHPS, Kimi
Arunachal Pradesh

Enclo : As above.

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
KPC, KIMI, A.P.
PAYMENT VOUCHER

Payable to : M/S Prana Enterprise

Vendor Doc. 2319029660

Vendor / Emp.Code No. 4 0 0 0 7 3

MIRO No. 5 1 0 5 6 3 0 2 5 4

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
R&M of P&M Stations.	4 0 9 0 2 0 2	3,66,070=00	—	—
TDS-I. Tax	2 0 7 0 2 0 1	—	6205=00	—
TDS-193T	2 0 7 0 2 1 7	—	6205=00	—
Bank	1 0 8 2 1 3 2	—	—	353,660=00
	Total	366,070=00	12,410=00	353,660=00

Receipt — Rupees Three lakh fifty three thousand six hundred sixty only

Narration Payment made against Internal electrification including service connection at Security Barrack, Taga.

Passing Record

Prepared AA/Accountant

Checked by AAO/Sr. Accountant

Passed by

AAO ..... AO .....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N :

Date :

Cheque No.:

Date :

Cashier ..... Sr. Acctt. .....

AAO / AO / AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

Pay advice Dy on 21/3/24

Tax Invoice

M/s PRANA ENTERPRISE Kotoky Pukhuri, Krishna Bhandar, Jorhat, Assam, Pin-785006 GSTIN/UIN: 18ABAFP5070E1ZE State Name : Assam, Code : 18 E-Mail : **pranaenterprise1@gmail.com**	Invoice No. **16**	Dated : **14/03/24**
	Delivery Note	Mode/Terms of Payment:
	Supplier's Ref.	Other Reference(s)
Buyer HOD, PEMW, Kal BPS NEEPCO LTD., KIMI GSTIN/UIN : 12AAACN9991J3Z1 State Name : Arunachal Pradesh, Code : 12	Buyer's Order No. NEEPCO/Kal BPS/PEMW/PH/F-94/Vol-IX/2023-24/1075	Dated : 30/01/2024
	Despatch Document No.	Delivery Note Date
	Despatched through	Destination:
	Terms of Delivery	

Sl No.	Particulars	HSN/SAC	Unit	Qty	Rate	Amount(Rs.)
1	**Internal Electrification including service connections to Staff Barrack (as per annexure-I enclosed).**	995461		1	165052.5	165052.54
2	**Internal Electrification including service connections to Security Barrack (as per annexure-II enclosed).**	995461		1	145176.3	145176.27
3	**IGST 18%**					55841.19
	Total					**Rs. 366070.00**

Amount Chargeable (in words) *E. & O.E*

INR Three Lakh Sixty-Six Thousand and Seventy Only

HSN/SAC	Taxable value	Integrated Tax		Total Tax Amount
		Rate	Amount	
995461	310228.81	18%	55841.186	55841.1858
Total	310228.81		55841.186	55841.1858

Tax Amount (in words) : **INR Fifty Five Thousand Eight Hundred Fourty One and Nineteen Paisa Only**

Account Details

Name- M/s Prana Enterprise

A/C No. - 50200060613285

IFSC- HDFC0000753

Branch- HDFC Jorhat

for M/s Prana Enterprise

Authorised Signatory

PRANA ENTERPRISE
Opp. Krishna Bhandar
Kotoky Pukhuri, Jorhat
GSTIN: 18ABAFP5070E1ZE
Contact No: 5638773345

~~Room 11 not in proper.~~
500484

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

KPC, KIMI, A.P.

PAYMENT VOUCHER

P.O 3700008628
Ref. 1000038315

Payable to : Tipu Khabisow

Vendor / Emp.Code No. 500484 | H | 0 | 3 | 2 | 6 | 2 |

Vendor Doc. No. 2317003148

MIRO No. 5 | 1 | 0 | 5 | 6 | 3 | 0 | 5 | 0 | 8 |

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
Rent/RoS.	4090003	4,52,556 00		
To, Cess	2070726	—	4,526 00	
To, EPF	2070831	—	9,767 00	
To, F/Royalty	2070729	—	8221 00	
To, Security Deposit	2062011	—	15,256 00	
To, Bank	1082132	—	—	3,84,786
	Total	4,52,556 00	67,770 00	3,84,786 00

Receipt

Rupees Three lakh eighty four thousand seven hundred eighty six) only.

Narration Payment made against the work Construction of boundary wall Chain link Fencing for Newly constructed Security barrack at Tenga Dam.

Prepared AA/Accountant

Passing Record

Checked by AAO/Sr. Accountant

Passed by

AAO ..... AO .....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N :
Date :
Cheque No.:
Date :

Cashier ..... Sr. Acctt. .....

AAO / AO / AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

Pay Advice Send to H.O. on 27/03/24

NEEPCO Schedule II - Works 10 (A)

North Eastern Electric Power Corporation Ltd.

RUNNING ACCOUNT BILL C

Name of the Contractor or Supplier :- Shri. Tipu Khabisow, Dist. - West Kameng, Arunachal Pradesh.
Name of Works :- Construction of Chain-link fencing around Security Barrack at Tenga Dam, under HSM-I (B&T), KaHPS, A. P
Serial No. of this Bill Work :- First & Final (Measured) Bill
Reference of Agreement :- NEEPCO/KaHPS/HSM-I(B&T)/T-07/2023-24/124 Dated 08.03.2024.
Reference of work order :- NEEPCO/KaHPS/HSM-I(B&T)/W-11/2023-24/1608 Dated 01.02.2024.
Date of actual completion of work :- Date 29.02.2024

1-Accounts of work done or supplies made

Unit	Quantity executed	Item of work or supplies (Grouped"under sub heades" and "sub work" of estimate)	Rate	Amount		Remarks
				Up to date	*Since previous bill	
1	2	3	4	5	6	7
		Item No : 1				Certified that :- 1). The work has been completed as per specification and instruction of Engineer in charge at site. 2). All labour engaged are Indian citizen and above 18th year of age. 3). No T&P and store materials were issued to the contractor. 4). The contractor has not engaged any migrated labour for this works.
Cum	15.55	Excavation for Structures i) Ordinary Soil A) Manual means (Depth up to 3.00m)	355.00	5,520.25	0.00	
		Item No : 2				
Cum	7.89	Providing and laying cement concrete 1:2:4 a) Foundation and Plinth	6448.80	50,881.03	✓	
		Item No : 3				
Cum	330.51	Reinforcement of RCC work. B) Tar/TMT Steel.	88.60	29,283.19	✓	
		Item No : 4				
Cum	5.95	Reinforced concrete work in foundations, a) M20 (1 cement : 1.5 sand : 3 aggregate 20mm nominal size)	7810.20	46,470.69	✓	
		Item No : 5				
Sqm	59.52	Centering and shuttering including strutting propping etc. & removal of form work for a) Foundation and Plinth	348.50	20,742.72	✓	
		Item No : 6				
Cum	33.79	Coursed rubble masonry (second sort) with hard stone in foundations and plinth in cement mortar 1:6 (1-cement:6-fine	3728.90	125,999.53	✓	
		Item No : 7				
Qnt.	0.99	Supply and filling of wire (G.I.)	8920.35	8,831.15	✓	
		Item No : 8				
Mtr.	97.20	Fencing with welded steel wire Fabric 75 mm x 50 mm (Suggestive).	832.00	80,870.40	✓	
		Item No : 9				
Sqm.	116.64	20mm cement plaster 1: 4 (1-cement : 4 - fine sand)	244.40	28,506.82	✓	
		Item No : 10				
Kgs	94.01	Steel work welded in built up sections B) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	119.50	11,234.20	✓	
		Item No : 11				
Qtl.	3.99	Steel work riveted or bolted in built B) In Tee, angles, Flats and channels.	10896.40	43,476.64	✓	
		Item No : 12				
Each	4.00	GI bolts and nuts (38x8 mm)	13.89	55.56	✓	
		Item No : 13				
Each	4.00	Oxz. MS Butt (handle)	23.01	92.04	✓	
		Item No : 14				
Each	4.00	MS sliding door bolts 300x16mm	183.19	732.76	✓	
		Item No : 15				
Cum	75.78	Loading and Unloading of Stone Boulder / Stone aggregates / Sand /etc.,	214.00	16,216.92	✓	
		Item No : 16				
Ton	9.94	Loading and Unloading of Cement / Steel / etc.,	264.00	2,624.16	✓	
		Item No : 17				
Ton/ km	9.02	Cost of Haulage Excluding Loading.... , ii) Un-surfaced gravel road. a) Cement - Lead = 140.00 Km. @ Rs. 12.70/Km = Rs. 1778.00/ton/Km.	1778.00	16,037.56	✓	
Ton/ km	0.92	(b) Steel from Balipara, lead = 168.00Km @ Rs. 12.70/Km = Rs 2133.60/Ton/Km	2133.60	1,962.91	✓	

Ton/ km	170.510	(c) Boulder, aggregate & sand (Materials from quary, Lead = 8.00 Km. Rate = @ Rs. 12.70/km = 101.60/ton/km	101.60	17,323.82	✓
		Sub Total		506,862.35	
		Deducting 12% for GST = Rs		54,306.68	
		Total value of work done excluding GST 12% = Rs		452,555.67	452556.00
		Add GST @ 18% = Rs		81,460.02	
		G/Total = Rs		534,015.69	
		Total value of work done including GST = Rs		534,016.00	

Figure (F) in word (Rupees Five lakh thirty-four thousand sixteen) only.

* 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-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

II - Certificates and signature

The measurement were made by **me** on 02.03.2024 and are recorded at page No. 29 65 of measurement book No. 11363
No advance payment has been made previously without detailed measurements.

12/3/24 (Rank) Dy. Mgr. (C)
Dated Signature of Officer preparing payment ..... Sub division HSM-1 (B-57)
..... Division

Thumb impression
Dated signature of Contractor

*Dated signature of Officer R Balram 12/03/24 Rank .....
(C)Incharge HSM-1 (B-57)
HSM/COM/Kanpur

*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

III - Memorandum of Payments

1.Total value of work actually measured,as per act,l.Col.5 Entry (A)
2.Deduct amount witheld:-

Figure of Works Abstract					
	(a) From previous bill as per last Running Account bill			4,52,556.00	
	(b) From this bill				
	(3) Balance, i.e 'Up to date' payment (item 1....2)	(K)	2		
	(4) Total amount payments already made as per entry (k)of last Running Account Bill No Forwaded with accounts		AP		
	(5) Payment now to be made as detailed below:-			4,52,556.00	
	By recovery of amounts creditable to to this work :-		Cess	4,526.00	
			EPI	9,767.00	
	(a) Value of stock supplied as detailed in the Ladger in	(a)	F/Royalty	8,221.00	
	Ditto in.....		See. Dep	45,256.00	
	Ditto in.....				(-)67,770.00
	Total 2(b)+5 --(G)				
	(b) By recovery of amounts creditable to the work or heads of accounts:- "Deposits" By Cheque	(b)			Rs 3,84,786.00
	(c) Total 5 (b)+ (5)-- (H)				

Received Rs.* Three lakh eighty four thousand seven hundred eighty six) only as per above memorandum (Amount in vernacular)
on account of this

Left hand Thumb impression D.M (F)

Stamp

Dated :-The
*Witness

Full signature of Contractor

Paid by me, vide cheque No. dated

(Dated initial of person actually making the payment) Cashier

This figure should be tested to see that is agrees with the total of items 4 and 5 . If that net amount to be paid is less than Rs.10/- and it can be included in a cheque the payment should be made in cash,this entry being allowed suitably and the alteration attested by dated initials.
*Here specify the net amount payble-vide item 5(c)
The payees acknowledgement should be for the gross amount paid as item 5 (i.e.a+b+c)
*Payment should be attested by some know person when the payee's acknowledgement is given by a mark, seal or thumb impression
*Not required in case of bill of suppliers

A-2

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

KPC, KIMI, A.P.

PAYMENT VOUCHER

Already transferred Accept

Payable to : Dorjee Jebisan

Vendor / Emp. Code No. | 1 | 0 | 2 | 5 | 6 | 1 |

MIRO No.

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
Rlwy RLB.	4090003	278275.00		
TO P.Rlwy	2070729		9570.00	
TO CL22	2070726		7444.00	
TO TDSCL21	2070218		7444.00	
TO TDSRL21	2070219		7444.00	
TO GPF	2070231		7281.00	
To Security Deposit	2062011		74430.00	
TO Bank.	1082132			764662.00
Document No.	5105627019			
Vendor liability / SD document no.	2317002317			
	Total	278275.00	113613.00	764662.00

Receipt — Rupees Seven Lakhs Sixty four thousand Six hundred Sixty two only

Narration payment made against contract No. 06 BO220039 Dismantling and Civil and Erection) 202. ms late Adjudicating to the main Rly Gate, Kampur Nimi, Arp.

Passing Record

Prepared AA/Accountant

Checked by AAO/Sr. Accountant

Passed by

AAO ..... AO .....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N :	2	3	1	5	0	2	8	4	9	3
Date :	2	8		1	2		2	0	2	3
Cheque No.:	C	1	1	P	4	3	6	F		
Date	2	8		1	2		2	0	2	3

Cashier ..... Sr. Acctt. .....

AAO / AO / AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

NEEPCO Schedule II- Works 10(A)

North Eastern Electric Power Corporation Ltd.

Running Account Bill C

For Contractorsp 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 Dorjee Jebisow, Village- Kimi, Dist.:- West Kameng, A.P.

Name Of Works :- Construction of Boundary wall with M.S. grill and 1(one) no. M.S. Gate adjoining to the main entry gate , KaHPS, Kimi, A.P.

Serial No of this Bill Work:- 1st and Final Bill.

No and Date of his last Bill for this work:- Nil.

Reference to Agreement:- NEEPCO/ KaHPS/ R&B/ T- 32 / 2023-24/ 534, Dtd.19.07.2023.

Reference to Work Order:- NEEPCO/ KaHPS/ R&B/ T- 4 / 2023-24/ 336, Dtd. 17.06.2023.

Date of the actual completion of work:- 15.07.2023.

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	5	6	7
				Rs. P.	Rs.	P.
		EARTH WORK :				
Cu.m.	31.396	**Item no.1:-**Earth work in excavation ..... within a lead of 50M.	281.80	8847.39		
Cu.m.	4.162	**Item no.2:-** Supplying and laying boulder soling ---------- ---- directed.	809.58	3369.47		
Cu.m.	2.082	**Item no.3:-**Providing and laying cement concrete 1:3:6 ---------- . A) Foundation and plinth.	6380.62	13284.45		
Sq.m.	13.60	**Item no.4** :- Centering and shuttering ---------- . (a) Foundation and plinth.	348.50	4739.60		
Sq.m.	63.75	(e) Column, pillars --------- .	585.20	37306.50		
Sq.m.	31.58	(d) Lintels, beams ---------- .	459.10	14498.38		
Kg.	1095.84	**Item no.5**:- Reinforcement of RCC work---------- complete. b) Tar/ TMT steel.	89.81	98417.39		
		Carried Over		**180463.18**		

* 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-head, the total for each sub-head should be shown in column 5 and against this total here should be 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	5	6	7
				Rs. P.	Rs. P.	
		B.F.	Rs.	180463.18		
Cu.m.	19.939	Item no. 6:- Brick work with best available local bricks ---------- .	8353.54	166561.23		
Cu.m.	4.755	Item no.7:- Reinforced concrete work in foundations,---------- . a) M20 (1 cement : 1.5 coarse sand : 3 stone ---------- nominal size).	8948.72	42551.16		
Cu.m.	3.984	Item no.8 :- Reinforced cement concrete work in columns,---------- ---------- cost of centering, shuttering and reinforcement. a) M20 (1 cement : 1.5 coarse sand -----	10201.92	40644.45		
Cu.m.	3.200	Item no.9:- Reinforced cement concrete work in lintels, beams---------- and reinforcement. a) M20 (1 cement : 1.5 coarse ------.	10104.52	32334.46		
Sq.m.	88.070	Item no.10:-12 mm cement plaster 1 : 4---------- .	175.60	15465.09		
Sq.m.	63.320	Item no.11:-15 mm cement plaster 1 : 4---------- wall.	209.13	13242.11		
Kg.	906.80	Item no.12 :- Steel work in built up section ---------- . b) In gratings ---------- .	119.50	108362.60		
Sq.m.	0.00	Item no.13 :-Applying one coat of cement primer --------- wall surface.	37.60	0.00		
Sq.m.	184.47	Item no.14 :-Finishing walls with water proofing cement paint ---------- --even shade.	169.30	31230.77		
Sq.m.	39.260	Item no.15:- Painting two or more coats ------- steel work ---------- .	97.30	3820.00		
Sq.m.	12.336	Item no.16:- Providing Antiskid tiles --- ---------- directed. (A) Ceramic i) Normal range (Size: 300mm x 300mm and above). (a) Orient made: Galaxy Brown --- .	887.98	10954.12		
Cu.m.	31.031	Item no.17 :- Stone Masonry work in cement mortar ---------- drawing and technical specification. (A) Random Rubble Massonry.	6058.06	187987.66		
		Carried Over----------	₹.	833616.85		

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. P.	Rs.	P.
		B.F.	₹.	833616.85		Certified that the work has been carried out as per specification and direction of the department .No T&P issued to the contractor and no labour has been engaged less than 18yrs.of age.
			Total =₹.	833616.85		
		Work value excluding 12% GST	₹.	744300.76		
		Add GST@18%	₹.	133974.14		
		Total value of work done or supplies to done (A) =₹.		878274.89		
		Deduct - value of work or supplies shown on previous bill =₹.		Nil		
		Net value of work or supplies since previous bill =₹.		878275.00	Say=878275.00	

Figure(F) in words (**Rupees Eight lakh lakh Seventy Eight thousand Two hundred Seventy Five**) only.

II-Certificates and Signature

The measurement were made by me on as recorded in M.B. and are recorded at page 133 - 167 of measurement Book No.8605. No advance paymenthas been made previously without detail measurement.

22/12/2023

Dated Signature of Officer preparing payment

प्रबंधक (सि.) / Manager (C)
सड़क एवं भवन विभाग, Roads and Building
का.ज.प.स., नीपको लि., किरो (अ.प्र.)
KaHPS, NEEPCO Ltd., Kiro (A.P.)

(Rank)

Sub Division

Division

Thumb impression of Dated Signature of Contractor

* Dated Signature of Officer. 22/12/2023

Rank

* This signature is necessary when the officer preparing the bill is not the Officer who authorise the payment. In such case two signature are essential.

4/0 NO.NEE/ of 2642/2021-22/D-1/2000; dt 23.06.2022.

1. Total value of work actually measured, as per Acct. 1. Col. 5. Entry (A) 2744801.00
2. Deduct amount withheld:- Held as per 133911.00

Figures for works Abstract			Rs.	P.		Rs.	P.
Rs.	P.					2787275	00
		(a) From previous bill as per last Running Account bill.					
		(b) From this bill ----------					
		(K) *			2		
		(3) Balance, i.e., 'Up to date' payments (item 1----------2)				2787275	00
		(4) Total amount payments already made as per entry (K) of last Running Account Bill No _____ forwarded with accounts.					
		(5) Payment now to be made as detailed below:-					
		By recovery of amounts creditable to this work:-					
		Value of work supplied as detailed in the				9570	00
		(a) (b)				7444	00
		Ledger in _____				7444	00
		Ditt in _____ (a)				7444	00
		Ditto in _____				7221	00
		Total 2 (b) + 5 - (G)				7463	00
		By recovery of amounts creditable to other works or				1126613	00
		(b) Head of Accounts:-			5		
		(b) "Deposits" By Cheque				764620	
		Total 5 (b) = (a) - (H)					

Pay Rs. (Dated initial of disbursing Officer)

Received Rs. Rupees Seven Lakhs Sixty Four Thousand Six Hundred only as per above memorandum.
on account of this work Second & Final Bill (amount in vernacular)

Dated the: Left hand Thumb impression of Stamp

* Witness (Full Signature of Contractor)

Paid by me, vide cheque No. Dated _____

(Dated initial of person actually making Cashier

This figure should be tested to see that it is agrees with the total of items 4 and 5.If the net amount to be paid is less than Rs.10 and it cannot be included in a cheque the payment should be made in cash, this entry being altered suitably and the alteration attested by dated initials.

* Here specify the net amount payable - vide item 5©

The payees acknowledgement should be for the gross amount paid as item 5 (i.e. a+b+c).

* Payment should be attested by some known person when the payee's acknowledgement is given by a mark, seal or thumb impression.

* Not required in cash of bills of suppliers.

IV- REMARKS

(this space is required for any remarks, which the disbursing Officer or the Executive Engineer may wish to record in respect of the execution of the work, check of measurements of the account).

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
KPC, KIMI, A.P.
PAYMENT VOUCHER

Payable to : Dorjee Jebison.

Vendor / Emp.Code No. 1 0 2 5 6 1 MIRO No.

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
R&M of R&B.	4 0 9 0 0 0 3	337632.00	—	
TO C.K (MM)	2 0 7 0 7 2 9		11530.00	
TO CL22	2 0 7 0 7 2 6		3015.00	
TO TDRCOST	2 0 7 0 2 1 2		3015.00	
TO TDS COST	2 0 7 0 2 1 9		3015.00	
TO GPF.	2 0 7 0 2 3 1		3431.00	
TO Sec deposit	2 0 6 2 0 1 1		30146.00	
TO Bank	1 0 8 2 1 3 2			283480.00
Document No.	5 1 0 5 6 2 1 324			
Vendor Liability/SD Account	-73 17 00 1389			
	Total	337632.00	54152.00	283480.00

Receipt

Rupees Two Lakhs eighty three thousand four hundred eighty only.

Narration payment made against construction of RCC/DWR near main entry gate of Govt. colony Kimi, Kimi from ch: 0.00 to ch: 10.00 m (CL-13).

Passing Record

Prepared AA/Accountant

Checked by AAO/Sr. Accountant

Passed by

AAO ..... AO .....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N : 2 3 1 5 0 1 5 3 1 0

Date : 1 7 - 0 8 - 2 0 2 3

Cheque No.: CNP 2 2 4 0

Date : 1 7 - 0 8 - 2 0 2 3

Cashier ..... Sr. Acctt. .....

AAO / AO / AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

NEEPCO Schedule II- Works 10(A)

North Eastern Electric Power Corporation Ltd.

Running Account Bill C

For Contractorsp 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 Dorjee Jebisow, Village- Kimi, Dist.:- West Kameng, A.P.

Name Of Works :- Construction of Stone Masonry Retaining wall near main entry gate of Permanent Colony, KaHPS, Kimi, A.P. From ch.0.00 m. to ch.10.00m. (Gr.- I).

Serial No of this Bill Work:- 1st and Final Bill.

No and Date of his last Bill for this work:- Nil.

Reference to Agreement:- NEEPCO/ KaHPS/ R&B/ T- 32 / 2023-24/ 535, Dtd.27.07.2023

Reference to Work Order:- NEEPCO/ KaHPS/ R&B/ T- 4 / 2023-24/ 497, Dtd.24.07.2023.

Date of the actual completion of work:- 05.08. 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	5	6	7
				Rs. P.	Rs. P.	
		EARTH WORK :				
Cu.m.	19.950	Item no.1:-Earth work in excavation ..... within a lead of 50M.	281.80	5621.91		
Cu.m.	2.100	Item no.2:- Supplying and laying boulder soling ---------- ---------- directed.	809.58	1700.12		
Cu.m.	1.050	Item no.3:-Providing and laying cement concrete 1:3:6 --- A) Foundation and plinth.	6344.09	6661.29		
Cu.m.	53.500	Item no.4 :- Stone Masonry work in cement mortar ---------- ---------- drawing and technical specification. (A) Random Rubble Massonry.	6049.51	323648.79		
		Carried over		**337632.11**		

* 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-head, the total for each sub-head should be shown in column 5 and against this total here should be 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	5	6	7
				Rs. P.	Rs. P.	
		B.F.	₹.	337632.11		
		Carried Over----------	Rs.	337632.11		

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. P.	Rs. P.	
		B.F.	₹.	337632.11		Certified that the work has been carried out as per specification and direction of the department .No T&P issued to the contractor and no labour has been engaged less than 18yrs.of age.
			Total =₹.	337632.11		
			Say =₹.	337632.00		
		Work value excluding 12% GST	₹.	301457.14		
		Add GST@12%	₹.	36174.86		
Total value of work done or supplies to done (A) =₹.				337632.00		
Deduct - value of work or supplies shown on previous bill =₹.				Nil		
Net value of work or supplies since previous bill =₹.				337632.00		

Figure(F) in words (**Rupees Three lakh Thirty Seven thousand Six hundred Thirty Two**) only.

II-Certificates and Signature

The measurement were made by me on as recorded in M.B. and are recorded at page 167 - 174 of measurement Book No. 7976. No advance paymenthas been made previously without detail measurement.

02/2/2023

प्रबंधक (सं.) / Manager (C)
यका.ह.प.स. नीपको लि. किमि (आ.प्र.)
KaHPS, NEEPCO Ltd., Kimi (A.P.)

Dated Signature of Officer preparing payment

(Rank)

Sub Division

Division

Thumb impression of Dated Signature of Contractor

* Dated Signature of Officer. 02/08/2023

Rank----------

* This signature is necessary when the officer preparing the bill is not the Officer who authorise the payment. In such case two signature are essential.

NEEPCO No. NEEPCO/P&A/P&B/T-4/2022-2024/497 dtd 24.01.2024.

1. Total value of work actually measured, as per Acct. 1, Col. 5. Entry (A) 12,20,467.00
2. Deduct amount withheld:- Hold. Gst (3%) - 36,675.00

Figures for works Abstract Rs.	P.		Rs.	P.		Rs.	P.
		(a) From previous bill as per last Running Account bill.				3,21,632	P.
		(b) From this bill ---------- (K) *			2	3,37,632.00	
		(3) Balance, i.e., 'Up to date' payments (item 1----------2)					
		(4) Total amount payments already made as per entry (K) of last Running Account Bill No _____ forwarded with accounts.					
		(5) Payment now to be made as detailed below:-					
		By recovery of amounts creditable to this work:-					
		Value of work supplied as detailed in the (a)					
		Ledger in _____ (a) *					
		Ditt in _____ (a) *					
		Ditto in _____					
		Total 2 (b) + 5 - (G)	11530.00				
		By recovery of amounts creditable to other works or (b) Head of Accounts:- (D)	2015.00				
		"Deposits"	2015.00				
		By Cheque	3431.00				
		Total 5 (b) = (a) - (H)	2015.00				
			2014.00				
					(-)	5415.00	
					5		
						2,83,480.00	

Pay Rs. Rupees two lakhs eighty three thousand four hundred eighty only. (Dated initial of disbursing Officer)

Received Rs. as per above memorandum.
on account of this work (amount in vernacular)

Dated the:

Left hand Thumb impression of

Stamp

* Witness

(Full Signature of Contractor)

Paid by me, vide cheque No. Dated _____

(Dated initial of person actually making the payment) Cashier

This figure should be tested to see that it is agrees with the total of items 4 and 5.If the net amount to be paid is less than Rs.10 and it cannot be included in a cheque the payment should be made in cash, this entry being altered suitably and the alteration attested by dated initials.

* Here specify the net amount payable - vide item 5©

The payees acknowledgement should be for the gross amount paid as item 5 (i.e. a+b+c).

* Payment should be attested by some known person when the payee's acknowledgement is given by a mark, seal or thumb impression.

* Not required in cash of bills of suppliers.

IV- REMARKS

(this space is required for any remarks, which the disbursing Officer or the Executive Engineer may wish to record in respect of the execution of the work, check of measurements of the account).

NEEPCO New Delhi North Eastern Electric Power Corporation

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

KPC, KIMI, A.P.

PAYMENT VOUCHER

Payable to : Dorjee Tshiron

Vendor / Emp. Code No. 1 0 2 5 6 1 MIRO No.

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
R/mg RLB.	4090003	347634 00		
TO R Room	2070729		11960 00	
TO Cess	2070726		3104 00	
TO IDS-CL21	2070218		3104 00	
TO IDS-SL21	2070219		3104 00	
TO GPF.	2070831		3196 00	
TO Sec. deposit	2060111		31039 00	
TO Bank	1082132			299197 00
Docket No.	5105621367.			
Vendor liability / SD deduction no	2317001383			1
	Total	347634 00	55507 00	299197 00

Receipt

Rupees Two Lakh Ninety two thousand one hundred Ninety Seven only.

Narration Payment. made against Contract of R/m R/wall at Tedo main colony Qtrs & phat colony Qtrs from Ch: 10.00m to Ch: 12.00m & 18.00m to 25.00m.

Passing Record

Prepared AA/Accountant

Checked by AO/Sr. Accountant

Passed by

AO..... AO.....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N : 2315015307

Date : 17-08-2023

Cheque No. : CMP 2424P

Date : 17-08-2023

Cashier..... Sr. Acct.....

AAO / AO / AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

NEEPCO Schedule II- Works 10(A)

North Eastern Electric Power Corporation Ltd.

Running Account Bill C

For Contractorsp 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 Dorjee Jebisow, Village- Kimi, Dist.:- West Kameng, A.P.

Name Of Works :- Construction of Stone Masonry Retaining wall near main entry gate of Permanent Colony, KaHPS, Kimi, A.P. ,(Gr.- II: From ch.10.00 m. to ch.18.00m. &ch. 18.00m. to ch.25.00m.).

Serial No of this Bill Work:- 1st and Final Bill.

No and Date of his last Bill for this work:- Nil.

Reference to Agreement:- NEEPCO/ KaHPS/ R&B/ T- 32 / 2023-24/ 536, Dtd. 31.07.2023.

Reference to Work Order:- NEEPCO/ KaHPS/ R&B/ T- 4 / 2023-24/ 508, Dtd. 28.07.2023.

Date of the actual completion of work:- 09.08.2023.

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	5	6	7
				Rs. P.	Rs. P.	
		EARTH WORK :				
Cu.m.	21.735	Item no.1:-Earth work in excavation ..... within a lead of 50M.	281.80	6124.92		
Cu.m.	2.450	Item no.2:- Supplying and laying boulder soling ---------- ---------- directed.	809.58	1983.47		
Cu.m.	1.225	Item no.3:-Providing and laying cement concrete 1:3:6 ---------- . A) Foundation and plinth.	6344.09	7771.51		
Cu.m.	54.840	Item no.4 :- Stone Masonry work in cement mortar ---------- ---------- drawing and technical specification. (A) Random Rubble Massonry.	6049.51	331755.13		
		Carried over		**347635.03**		

* 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-head, the total for each sub-head should be shown in column 5 and against this total here should be 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	5	6	7
				Rs. P.	Rs. P.	
		B.F.	₹.	347635.03		
		Carried Over----------	Rs.	347635.03		

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. P.	Rs.	P.
		B.F.	₹.	347635.03		Certified that the work has been carried out as per specification and direction of the department .No T&P issued to the contractor and no labour has been engaged less than 18yrs.of age.
			Total =₹.	347635.03		
		Work value excluding 12% GST	₹.	310388.42		
		Add GST@12%	₹.	37246.61		
Total value of work done or supplies to done (A) =₹.				347635.03		
Deduct - value of work or supplies shown on previous bill =₹.				Nil		
Net value of work or supplies since previous bill =₹.				347635.03	Say=347635.00	

Figure(F) in words (**Rupees Three lakh Forty Seven thousand Six hundred Thirty Five**) only.

II-Certificates and Signature

The measurement were made by me on as recorded in M.B. and are recorded at page 174- 182 of measurement Book No. 7919. No advance paymenthas been made previously without detail measurement.

09/8/2023

(Rank)

प्रबंधक (सी.) / Manager (C)
सड़क व भवन निर्माण / Roads and Building
Dated Signature of Officer
का.ह.प.सं., नापिको लि., किमि (अ.प्र.)
preparing payment
R&B S/NEEPCO Ltd., Kimi (A.P.)

Sub Division

Division

14/08/2023

Thumb impression of
Dated Signature of
Contractor

* Dated Signature of Officer.

Rank----------

* This signature is necessary when the officer preparing the bill is not the Officer who authorise the payment. In such case two signature are essential.

No: NERPSIP/Kamrup/RoB/T-1/2022-2024/552 dt. 23.07.2022.

1. Total value of work actually measured, as per Acct. 1. Col. 5. Entry (A) Rs 3102822.00
2. Deduct amount withheld:- Held in 2127. " 31946.00

Figures for works Abstract Rs.	P.		Rs.	P.		Rs.	P.
		(a) From previous bill as per last Running Account bill.					
		(b) From this bill ---------- (K) *			2	347634	00
		(3) Balance, i.e., 'Up to date' payments (item 1----------2)					
		(4) Total amount payments already made as per entry (K) of last Running Account Bill No _____ forwarded with accounts.					
		(5) Payment now to be made as detailed below:-					
		By recovery of amounts creditable to this work- (a) PW (Rum)	1960	00			
		Value of work supplied as detailed in the Ledger in _____	2104	00			
			3104	00			
			2104	00			
		Ditt in _____ (a)	2496	00			
		Ditto in _____	21039	00			
		Total 2 (b) + 5 - (G)			(-)	55501	00
		By recovery of amounts creditable to other works or (b) Head of Accounts:- (b)			5		
		"Deposits" By Cheque				292197	00
		Total 5 (b) = (a) - (H)					

Rupees Two Lakh Ninety Two Thousand One Hundred Ninety Seven Only.

Pay Rs. (Dated initial of disbursing Officer)

Received Rs. on account of this work — as per above memorandum. (amount in vernacular)

1440 Rs

Dy m (B)

Stamp

Dated the: Left hand Thumb impression of

* Witness (Full Signature of Contractor)

Paid by me, vide cheque No. Dated _____

(Dated initial of person actually making the payment) Cashier

This figure should be tested to see that it is agrees with the total of items 4 and 5.If the net amount to be paid is less than Rs.10 and it cannot be included in a cheque the payment should be made in cash, this entry being altered suitably and the alteration attested by dated initials.

* Here specify the net amount payable - vide item 5©

The payees acknowledgement should be for the gross amount paid as item 5 (i.e. a+b+c).

* Payment should be attested by some known person when the payee's acknowledgement is given by a mark, seal or thumb impression.

* Not required in cash of bills of suppliers.

IV- REMARKS

(this space is required for any remarks, which the disbursing Officer or the Executive Engineer may wish to record in respect of the execution of the work, check of measurements of the account).

NERPSIP NEEPCO New Delhi

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
KPC, KIMI, A.P.

PAYMENT VOUCHER

Payable to : Dorjee Tebiang

Vendor / Emp.Code No. 1 0 2 5 6 1

MIRO No. 5 1 0 5 6 1 8 2 2 5

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
Const. of Entry Gate at Kimi colony Complex a/c Dr		1390237 00		
To Cash	2070726		12413 00	12413 00
" F/R (M/M)	2070729		4909 00	4909 00
" TDS-CGST	2070218		12413 00	12413 00
" TDS-SGST	2070219		12413 00	12413 00
" EPF	2070831		9971 00	9971 00
" Sec deposit	2062011		124128 00	124128 00
To Bank A/c	10821322			1213990 00
Vendor liability/SD document awaited.				
	Total	1390237 00		1213990 00

Receipt — Rupees Twelve Lakh Thirteen thousand Nine hundred Ninety Only

Narration Being the payment made forward vide R.A. Bill in favour of Dorjee Tebiang for the work Const. of Entry Gate for industrial Complex at DHPS, Kimi.

Passing Record

Prepared AA/Accountant

Checked by AAO/Sr. Accountant

Passed by

AAO ..... AO .....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N : 2 3 1 5 0 0 5 8 4 8

Date : 1 0 - 0 5 - 2 0 2 3

Cheque No.: C H P 6 4 F

Date 1 0 - 0 5 - 2 0 2 3

Cashier ..... Sr. Acctt. .....

AAO / AO / AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

N.B. Neepco/Kaheps/WO/Entry/579 dt. 9.5.2023

NEEPCO Schedule II- Works 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

Name of Contractor or Supplier :- Sri Dorjee Jebisow, Kimi, West Kameng, (A.P.)

Name of work :- Construction of Entry Gate for Industrial Complex at KaHPS, Kimi.

Purpose of Supply:-

Serial No of this Bill Work - 1st R/A Bill.

No. and Date of his last Bill for this work - Nil

Reference of the Work Order - NEEPCO/KaHPS/R & B/T -04/2022-23/714 Dtd. 03/10/2022.

Reference of the Agreement - KaHPS/R & B/T - 32/2022-23/484 (A) Dtd. 26/10/2022.

Date of the actual completion of work - Work is in progress.

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 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. P	Rs. P	
CuM	33.116	Item No.- 1 :Earth work in excavation....	324.07	10731.90	NiL	
CuM	33.116	Item No.- 2 : Re - filling excavated earth.....	147.20	4874.68	NiL	
CuM	2.363	Item No.- 3 : Filling in plinth with sand....	972.095	2297.06	NiL	
CuM	1.325	Item No - 4 : Cement Concrete....	6640.618	8798.82	NiL	
		Item No.- 5 : Providing Cement Concrete....		0.00	NiL	
CuM	8.108	© M 25 Grade Concrete	9685.047	78526.36	NiL	
		ii) Columns, Pillars, Posts		0.00	NiL	
CuM	16.134	© M 25 Grade Concrete	10085.581	162720.76	NiL	
		Item No.- 6 : Providing form work....		0.00	NiL	
SqM	111.560	Columns, Pillars, Posts....	408.653	45589.27	NiL	
		Flat Surfaces.....		0.00	NiL	
SqM	20.660	(a) Floors etc. up to	507.012	10474.87	NiL	
		Sides and Soffits of Beams....		0.00	NiL	
SqM	111.550	(a) For depth not exceeding...	338.825	37795.93	NiL	
		Item No.- 7 : Reinforcement of RCC work		0.00	NiL	
Kg	393.00	(a) Mild Steel	103.28	40589.63	NiL	
Kg	1798.94	(b) Tar/TMT Steel	103.28	185797.12	NiL	
			Total Rs.	588196.40	NiL	

* 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-head should be shown in column 5 and against this total here should be and 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 MB)	Item of work or supplies (grouped "under subheads" and sub-work" of estimate)	Rate	Amount		Remarks
				Up to date	* Since Previous bill (Total Sor	
1	2	3	4	5	6	7
				Rs	Rs.	
		Brought Forward		588196.40	NiL	
				0.00		
CuM	30.878	Item No.- 8 :Brick work in foundation	9635.69	297530.80	NiL	
CuM	30.878	Item No.- 9 :Extra for Brick work in foundation	244.72	7556.46	NiL	
SqM	240.615	Item No.- 10 : Providing polished granite tiles	1697.57	408461.53	NiL	
SqM	283.425	Item No.- 11 : 15 mm cement plaster 1 :4	240.50	68163.71	NiL	
		Item No.- 12 : Providing aluminium door...		0.00	NiL	
SqM	0	(4.2) With float glass panes	1486.15	0.00	NiL	
SqM	243.77	Item No.- 13 : Extra for each subsequent 1.0 M height...	58.409	14238.36	NiL	
Kg	0	Item No.- 14 : Providing and fixing stainless steel...	1117.21	0.00	NiL	
Kg	0	Item No.- 15 : Steel work in built up tubular trusses...	131.11	0.00	NiL	
CM Length	0	Item No.- 16 : Welding by Electric plant...	7.02	0.00	NiL	
SqM	0	Item No.- 17 : Providing two coats of Birla White wall care putty...	97.68	0.00	NiL	
SqM	0	Item No.- 18 : Applying one coat of alkali resistance primer...	51.59	0.00	NiL	
SqM	0	Item No.- 19 : Wall painting...	98.44	0.00	NiL	
CuM	1.013	Item No.- 20 : Supplying and laying boulder soling...	931.02	943.12	NiL	
SqM	6.75	Item No.- 21 : Cement concrete flooring ...	760.96	5136.45	NiL	
				C/O	1390226.84	NiL

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
	Brought Forward		Rs P.	Rs. P. 1390226.84	Rs. P. NiL	

1. Certified that the work has been executed as per direction of the Department.
2. No T&P materials has been issued to the contractor.
3. Labourers engaged in the work were not less than 18 (eighteen) years of age.

Total :	1390226.84	Value of work done as per Summary - 1241274
Actual Work Value	1241274.00	
Add 12% GST	148953.00	Add 12% GST - 148951
Total value of work done or supplies to date (A)	1390227.00	1390227
Deduct - value of work or supplies shown on previous bill	1390227.00	NiL
Net value of work or supplies since previous bill Rs	1390227.00	NiL

(Rupees Thirteen lakh ninety thousand two hundred twenty seven) only

The measurement were made by Me ...on 27.12.2022 to 31.03.2023.....and are recorded at page 142..... to ...180.....of measurement Book No 10477 (enclosed) No advance payment has been made previously without detailed measurements.

Dated Signature of Officer preparing payment 04/05/2023 Manager (C) Rank

प्रबंधक (सि.) / Manager (C)
सड़क व भवन निर्माण/ Roads and Building
का.ज.वि.प्र., शोणका वि., Kathg (H.P.)
KaHPS, NEEPCO Ltd., Kathg (H.P.)

.....Sub-division
.....Division

Thumb impression of

Dated signature of Contractor

*Dated Signature of Officer 04/05/2023

Bank .....

* 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.

NEEPCO New Delhi North Eastern Electric Power Corporation

Ch. No. Cont. of Entry Book.

No. NEEPCO/KAHEP/WB/entry book/579 dt. 9.5.2023

II-- Memorandum of Payments

1	Total value of work actually measured, as per Acct i Col 5 Entry(A)		1241283'00
2.	Deduct amount withheld :-	Add 12% GST.	148359'00
			1390237'00

Figure of works A stract

		Rs.	P.
[a] From previous bill as per last Running Accou			
[b] from this bill			
[3] Balance i.e 'Up to date' payment (item 1 ...2)			1390237'00
[4] Total amount payment already made as per entry (K) of last Running Account Bill No. Forwarded with accounts			
[5] Payment now to be made as detailed			
By recovery of amounts credit to this work :-			
(b) Cess	12113'00		
I/R (nym)	1909'00		
TDS. GST	12113'00		
(a) Value of stock supplied as d			
TDS. SGST	12113'00		
Ledger in ....K.P.L.....	9971'00		
Ditto in ....Secondary....	121128'00		
Ditto in			
Total 2 (b) + (G)			(-) 176217'00
By recovery of amounts credit heads of accounts :-			
(b) "Deposits" By Cheque			1213990'00
Total 5(b) + (5) -- (H)			

Received. * Rupees Twelve Lakh Thirteen Thousand nine hundred Ninety Only on account of this work

As per above memorandum (amount in vernacular)

Stamp

Left hand Thumb impression of

Dated the

** Witness*

Dated (Full Signature of Contractor)

Paid by me, vide cheque No dated

(Dated initials of person actually making the payme Cashier

* This figure should be tested to see that it is agrees with the total of items 4 and 5. If that net amount to be paid is less than Rs. 10/- and it can not be included in a cheque the payment schedule be made in cash. this entry being altered suitabley and the alternation by dated intials.

* Here specify the net amount payable - vide item 5 i

The payees acknowledgement should be for the gross amout paid as i

* Payment should be attested by some known person when the payees acknowledgement is given mark seal or thur

* Not required in case of bills of suppliers.

IV - REMARKS

This space is required for any remarks, which the disbursing Officer or the Executive Engineer may wish toward in respect of tl of the work. Check of measurement of the state of contractor ac

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
KPC, KIMI, A.P.

PAYMENT VOUCHER

Payable to : Dorjee Jabison.

Vendor liability Doc. 2317002559

Vendor / Emp.Code No. 1 0 2 5 6 1 MIRO No.

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
Retaining wall construction of entry Gate	4 0 9 0 0 0 9	1426753.00		
To CC22.	2 0 7 0 7 2 6		12092.00	
To KRoad	2 0 7 0 7 2 9		2166.00	
To TDSCC22	2 0 7 0 2 1 2		12092.00	
To TDSSC21	2 0 7 0 2 1 9		12092.00	
To BOC	2 0 7 0 2 3 1		11245.00	
To Credgoal.	2 0 6 2 0 1 1		120911.00	
To Bank	. . . . .			1255574.00
Document No.	5 10 5 6 2 7 8 9 0			
	Total	1426753.00	171179.00	1255574.00

Receipt

Rupees Twelve Lakhs fifty five thousand five hundred Seventy Four only

Narration payment made against completion of Retaining wall for Industrial complex at Kamba, Kimi.

Passing Record

Prepared AA/Accountant

Checked by AAO/Sr. Accountant

Passed by

AAO ..... AO .....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N :

Date :

Cheque No.:

Date :

Cashier ..... Sr. Acctt. .....

AAO / AO / AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

Pay advice sent to HO on 29/1/24.

NEEPCO Schedule B- Works 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

Name of Contractor or Supplier :- Sri Dorjee Jebisow, Kimi, West Kameng, (A.P.)

Name of work :- Construction of Entry Gate for Industrial Complex at KaHPS, Kimi.

Purpose of Supply--

Serial No of this Bill Work - 2nd R/A & Final Bill.

No. and Date of his last Bill for this work - Nil

Reference of the Work Order - NEEPCO/KaHPS/R & B/T -04/2022-23/714 Dtd. 03/10/2022.

Reference of the Agreement - KaHPS/R & B/T - 32/2022-23/484 (A) Dtd. 26/10/2022

Date of the actual completion of work - 31.03.2023

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 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 P	Rs P	
CuM	53.129	Item No.- 1 :Earth work in excavation....	324.07	17217.52	10731.90	
CuM	53.129	Item No.- 2 : Re - filling excavated earth.....	147.20	7820.59	4874.68	
CuM	2.703	Item No.- 3 : Filling in plinth with sand....	972.095	2627.57	2297.06	
CuM	3.653	Item No.- 4 : Cement Concrete....	6840.618	24258.18	8798.82	
		Item No.- 5 : Providing Cement Concrete....		0.00	0.00	
CuM	12.638	© M 25 Grade Concrete	9685.047	122399.62	78526.36	
		ii) Columns, Pillars, Posts		0.00	0.00	
CuM	17.716	© M 25 Grade Concrete	10085.581	178676.15	162720.76	
		Item No.- 6 : Providing form work....		0.00	0.00	
SqM	116.060	Columns, Pillars, Posts....	408.6525	47428.21	45589.27	
		Flat Surfaces.....		0.00	0.00	
SqM	33.795	(a) Floors etc. up to	507.012	17134.47	10474.87	
		Sides and Soffits of Beams....		0.00	0.00	
SqM	117.270	(a) For depth not exceeding...	338.825	39734.01	37795.93	
		Item No.- 7 : Reinforcement of RCC work		0.00	0.00	
Kg	503.76	(a) Mild Steel	103.28	52029.09	40589.63	
Kg	2312.48	(b) Tar/TMT Steel	103.28	238836.40	185797.12	
			Total Rs.	**748161.81**	**588196.40**	

* 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-head should be shown in column 5 and against this total here should be and 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 MB)	Item of work or supplies (grouped "under subheads" and sub-work" of estimate)	Rate	Amount		Remarks
				Up to date	* Since Previous bill - Total for	
1	2	3	4	5	6	7
				Rs	Rs.	
		Brought Forward		748161.81	588196.40	
				0.00	0.00	
CuM	43.805	Item No.- 8 :Brick work in foundation	9635.689	422091.36	297530.80	
CuM	43.805	Item No.- 9 :Extra for Brick work in foundation	244.72	10719.96	7556.46	
SqM	302.284	Item No.- 10 : Providing polished granite tiles	1697.573	513149.16	408461.53	
SqM	370.46	Item No.- 11 : 15 mm cement plaster 1 :4	240.50	89095.63	68163.71	
		Item No.- 12 : Providing aluminium door...		0.00	0.00	
SqM	7.61	(4.2) With float glass panes	1486.145	11309.56	0.00	
SqM	287.125	Item No.- 13 : Extra for each subsequent 1.0 M height...	58.409	15602.50	14238.36	
Kg	1117.209	Item No.- 14 : Providing and fixing stainless steel...	592.3765	661808.36	0.00	
Kg	1753.756	Item No.- 15 : Steel work in built up tubular trusses...	131.1115	229937.58	0.00	
CM Length	10000	Item No.- 16 : Welding by Electric plant...	7.015	70150.00	0.00	
SqM	39.108	Item No.- 17 : Providing two coats of Birla White wall care putty...	97.681	3820.11	0.00	
SqM	39.108	Item No.- 18 : Applying one coat of alkali resistance primer...	51.589	2017.54	0.00	
SqM	39.108	Item No.- 19 : Wall painting ...	98.44	3849.79	0.00	
CuM	4.958	Item No.- 20 : Supplying and laying boulder soling...	931.017	4615.98	943.12	
SqM	7.722	Item No.- 21 : Cement concrete flooring ...	760.96	5876.09	5136.45	
			C/O	2792205.42	1390226.84	

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
		Brought Forward	Rs P.	Rs P. 2792205.42	Rs. P. NiL	

1. Certified that the work has been executed as per direction of the Department.
2. No T&P materials has been issued to the contractor.
3. Labourers engaged in the work were not less than 18 (eighteen) years of age.

			Total :	2792205.42		
		Actual Work Value (A)		2081210.94		
		Actual Work Value (B)		411884.81		
		Add GST @ 12 % for (A)		249745.31		
		Add GST @ 18 % for (B)		74139.26		
Total value of work done or supplies to date			(A)	2816980.32		
			Say Rs.	2816990.00		
Deduct - value of work or supplies shown on previous bill				1390237.00		
Net value of work or supplies since previous bill			Rs	1426753.00		

(Rupees forteen lakh twenty six thousand seven hundred fifty three) only

The measurement were made by Me ...on 27.12.2022 to 30.04.2023..... and are recorded at page 182 to 200 of measurement Book No 10477 and Page No 001 to 026 of MB No 10480 (enclosed) No advance payment has been made previously without detailed measurements.

Dated Signature of Officer preparing payment — Manager (C) Roads and Building KaHPS, NEEPCO Ltd., Kimi (A.P.) Rank

Sub-division

Division

Thumb impression of

Dated signature of Contractor

*Dated Signature of Officer

* This signature is necessary only when the officer preparing the bill is not the Officer who authorises the payment. In such case two signature are essential.

Head of Department

II-- Memorandum of Payments

1.	Total value of work actually measured, as per Acct.I Col 5 Entry(A)					Rs 2816990·00	
2	Deduct amount witheld :-					1390227·00	
	Figure of works A stract					1426763·00	
	[a] From previous bill as per last Running Accou			Rs	P	Rs.	P.
	[b] from this bill					/	
	[3] Balance, i e. 'Up to date' payment (item 1 ... 2)						
	[4] Total amount payment already made as per entry (K) of last Running Account Bill No. Forwarded with accounts					1426763·00	
	[5] Payment now to be made as detailed			Rs	P		
	By recovery of amounts credit						
(b)	to this work :-						
	(a) Value of stock supplied as di					(—) 17117·00	
	Ledger in						
	Ditto in						
	Ditto in						
	Total 2 (b) + (G)						
	By recovery of amounts credita heads of accounts :-				(b)		
	"Deposits"						
	By Cheque					1255574·00	
	Total 5(b) + (5) -- (H)						

Received. * Rupees Twelve Lakh Fifty Five Thousand Five Hundred Seventy Four only on account of this work

As per above memorandum (amount in vernacular)

Left hand Thumb impression of

Stamp

Dated the

** Witness*

(FullSignature of Contractor)

Paid by me, vide cheque No. *dated*

(Dated initials of person actually making the payme *Cashier*

- This figure should be tested to see that it is agrees with the total of items 4 and 5 If that net amount to be paid is less than Rs. 10/- and it can not be included in a cheque the payment schedule be made in cash this entry being altered suitabley and the alternation by dated initials
- Here specify the net amount payable - vide item 5 If
- The payees acknowledgement should be for the gross amout paid as it
- Payment should be attested by some known person when the payees acknowledgement is given mark, seal or thum
- Not required in case of bills of suppliers.

IV - REMARKS

(This space is required for any remarks, which the disbursing Officer or the Executive Engineer may wish toward in respect of th of the work Check of measurement of the state of contractor acc

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
KPC, KIMI, A.P.

PAYMENT VOUCHER

Payable to : Ajay Hagjer.

Vendor / Emp.Code No. 1 0 4 5 1 9 MIRO No.

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
R&M to R&B.	4 0 9 0 0 0 3	120655.00		
To KRWSS	2 0 7 0 7 2 9		6693.00	
To CEQC.	2 0 7 0 7 2 6		1207.00	
To KPK.	2 0 7 0 8 2 1		6534.00	
To Sec. deposit	2 0 6 2 0 1 1		12066.00	
Document No.	5 1 0 5 6 2 5 7 8 8			
SD Document.	2 3 1 7 0 0 2 1 0 7		1	
	Total	120655.00	25500.00	95155.00

Receipt — Rupees Ninety five thousand one hundred fifty five only.

Narration Payment. Bradge against CC/Qty. of Gabion Wall approach road to plinge pool Work site from ch. 57.00m to ch. 71.00m (Left side)

Passing Record

Prepared AA/Accountant

Checked by AAO/Sr. Accountant

Passed by

AAO ..... AO .....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N : 2 3 1 5 0 2 5 7 8 6

Date :

Cheque No. C M P 3 8 6 F

Date 2 9 1 1 2 0 2 3

Cashier ..... Sr. Acctt. .....

AAO / AO / AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

NEEPCO Schedule II - Works 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.

Cach Book Voucher No. Date:-

Name of the Contractor or Supplier :-Shri Ajay Hagam. Bichom Village. Dist.-West Kameng. Arunachal Pradesh.

Name of Works :-"Construction of Gabion Wall in the approach road to Plunge Pool work site from Chainage 57.00m to Chainage 71.00m (Left side)"

Purpose of Supply :-
Serial No. of this Bill Work :-First & Final (Measured).Bill
Reference of Agreement :- NEEPCO/KaHPS/HSM-I(B&T)/T-07/2023-24/67 Dated .03/11/2023
Reference of work order :- NEEPCO/KaHPS/HSM-I(B&T)/W-11/2023-24/1178 Dated .02/11/2023
Date of actual completion of work :- Dated 05/06/2023

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 sub heades" 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
		Item No : 1 Excavation for Structures (Earth work in excavation ..... the remaining earth locally for road work.) (i) Ordinary soil A Manual Means (Depth upto 3 m)				
Cum	16.625	1) For Gabion Wall Foundation	355.00	5,901.88	0.00	
		Item No 2: Gabion structure for retaining earth ..... to be tied with 4 mm galvanised steel wire.				
Cum	36.750	1) For Gabion Wall	2876.00	1,05,693.00	0.00	
		Item No 3: Loading and Unloading of Cement / Steel / ..... and Timber etc. by Manual Means and Stacking for hill roads				
Tone	0.542	1) For Steel Wire	265.00	143.63	0.00	
		Item No 4: Cost of Haulage Excluding Loading and Unloading on hill roads ..... cost of loading, unloading and stacking i) Surface road ii) Unsurfaced Gravel Road a) Surface road= Carriage of Steel Wire from Balipara to site (Distance = 105 Kms) =105 km @ 10.50 = Rs 1102.50/Ton/Km				Certified that :- 1). The work has been completed as per specification and instruction of Engineer in charge at site. 2). All labour engaged are Indian citizen and above 18th year of age. 3). No T&P and store materials were issued to the contractor. 4). The contractor has not engaged any migrated labour for this works.
Tone	0.542	1) For Steel Wire	1102.50	597.56	0.00	
		b) Unsurface Gravel road= Carriage of Steel Wire from Balipara to site (Distance = 40.00 Kms) =40.00 km @ 12.70 = Rs 508.00/Ton/Km				
Tone	0.542	1) For Steel Wire	508.00	275.34	0.00	
		c) Carriage of Stone Boulder from Stone Quarry to site (Distance = 11.0 Kms) =11.0 km @ 12.70 = Rs 139.70/Ton/Km				
Tone	95.918	1) For Stone Boulder	139.70	13,399.74	0.00	
		Item No 5: Loading and Unloading of Stone Boulder / Stone aggregates / Sand ..... by Manual Means for hill roads				
Cum	42.630	1) For Boulder	214.00	9,122.82	0.00	
		Carried Over to Page 2.....		135133.97	0.00	

* 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-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 measurement book)	Item of work or supplies (Grouped"under sub heades" 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
		Brought Foroward		1,35,133.97	0.00	
		Gross value of work done = Rs		1,35,133.97	0.00	
		Deduct- value of work or supplies shown on previous bill		0.00		
		Net value of work Including GST @ 12% = Rs		1,35,133.97		
		Say = Rs		1,35,134.00		(A)
		Value of work excluding GST @ 12% = [(Rs 1,35,134.00 x 100)/112] = Rs		1,20,655.36		(B)
		Add GST @ 18% of 'B' = [(Rs 1,20,655.36 x 18%] = Rs		21,717.96		(C)
		Total Payable Amount including GST @ 18% = (Rs 1,20,655.36 + Rs 21,717.96) = Rs		1,42,373.32		(D)
		Say = Rs		1,42,373.00		
		Carried Over to Page 3.....		1,42,373.00	0.00	

Unit	Quantity executed(Or supplied up to date as per measurement book)	Item of work or supplies (Grouped"under sub heades" 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
		Brought Foroward		1,42,373.00	0.00	
				1,42,373.00	0.00	
Total value of work done or supplies to date				0.00		
Deduct- value of work or supplies shown on previous bill				1,42,373.00		
Net value of work or supplies since previous bill				1,42,373.00		
Total Payable Amount inclusive of GST @18% = Rs						

Figure (F) in words. **(Rupees One Lakh Forty Two Thousand Three Hundred Seventy Three) only**

II - Certificates and signature

The measurement were made by me on and are recorded at page 131 to 148 of measurement Book No. 11129 No advance payment has been made previously without detailed measurements.

Dy. Manager (C)
HSM-I (B&T), KaHPS.
NEEPCO Ltd., Dichgam (A.P.)

Dated Signature of Officer making payment (Rank) ..... Sub division ..... Division

DGM(C)/Incharge HSM-I (B&T)
KAHPS NEEPCO Ltd., Dichgam (A.P.)

Thumb impression or
Dated signature of Contractor

*Dated signature of Officer

Executive (Civil)/Chemical Engineer (C)
Civil / Hydro Department
Main Civil Works, KaHPS
NEEPCO Ltd., Kimi (A.P.)

*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

WO No. NKEC/EE/KNP/4m320+1Cor7/WO/2022-24/ dtd. 02.11.2022

III - Memorandum of Payments

1.Total value of work actually measured,as per act,l.Col.5 Entry (A) — Rs. 120655.00

2.Deduct amount witheld:-

Figure of Works Abstract					
	(a) From previous bill as per last Running Account bill			2	
	(b) From this bill	(K)			
	(3) Balance, i.e 'Up to date' payment (item 1.....2)				120655.00
	(4) Total amount payments already made as per entry (k)of last Running Account Bill No Forwaded with accounts		AP		
	(5) Payment now to be made as detailed below:- By recovery of amounts creditable to to this work:-				
	(a) Value of stock supplied as detailed in the Ladger in ..... Ditto in..... Ditto in.....	(a)	6693.00 1207.00 5538.00 12066.00	5	25500.00
	Total 2(b)+5 --(G)				95155.00
	(b) By recovery of amounts creditable to the work or heads of accounts:- "Deposits" By Cheque	(b)			
	(c) Total 5 (b)+ (5)-- (H)				

Received Rs.* (Rupees Ninety five thousand one hundred only) as per above memorandum (Amount in vernacular) .

on account of this work

Left hand Thumb impression

Stamp

Full signature of Contractor

Dated:-The

*Withness

Paid by me, vide cheque No. dated

Cashier

(Dated initial of person actually making the payment)

This figure should be tested to see that is agrees with the total of items 4 and 5 . If that net amount to be paid is less than Rs.10/- and it can be included in a cheque the payment should be made in cash,this entry being altered suitably and the alteration attested by dated initials.

*Here specify the net amount payble-vide item 5(c)

The payees acknowledgement should be for the gross amount paid as item 5 (i.e.a+b+c)

*Payment should be attested by some know person when the payee's acknowledgement is given by a mark, seal or thumb impression

*Not required in case of bill of suppliers.

IV – REMARK

(This space is required for any remarks, which the disbursing Officer or the Executive Engineer may wish toward in respect of the execution of the work. Cheque of measurements of the state of contractor account)

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
KPC, KIMI, A.P.
PAYMENT VOUCHER

Payable to : Arun Lal.

Vendor / Emp.Code No. 1 0 4 5 2 1 M'RO No. 5 1 0 5 6 2 5 7 8 6

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
Rcvg R&B	4 0 9 0 0 0 3	170578.00		
To P.L.Mat.	2 0 7 0 7 2 9		9470.00	
To cess	2 0 7 0 7 2 6		1706.00	
To GPF	2 0 7 0 2 3 1		4999.00	
To Cu.Nepo.it.	2 0 6 2 0 1 1		17052.00	
To Bank	1 0 8 2 1 3 2			137346.00
Document No	5 1 0 5 6 2 5 7 8 6			
S.R. Document	2 3 1 7 0 0 2 1 0 3			
	Total	170578.00	33222.00	137346.00

Receipt — Rupees One Lakh Thirty Seven Thousand three hundred forty six only

Narration Riparian Angle against Contract No. Lakhipathar in the approach to bridge pool 200m Site from ch. 200m to ch. 21500m (Left side) 2315026133 (Revised)

Passing Record

Prepared AA/Accountant

Checked by AAO/Sr. Accountant

Passed by

AAO ..... AO .....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N : 2 3 1 5 0 2 5 7 9 1

Date :

Cheque No.: C M P 3 8 6 F

Date : 2 9 / 1 1 / 2 0 2 3

Cashier ..... Sr. Acctt. .....

AAO / AO / AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

NEEPCO Schedule II - Works 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.

Date:-

Cach Book Voucher No.

Name of the Contractor or Supplier :-**Smti Anam Lali. Bichom Village. Dist.-West Kameng. Arunachal Pradesh.**

Name of Works :-"Construction of Gabion Wall in the approach road to Plunge Pool work site from Chainage 229.00m to Chainage 245.00m (Left side)"

Purpose of Supply :-

Serial No. of this Bill Work :-First & Final (Measured) Bill

Reference of Agreement :- NEEPCO/KaHPS/HSM-I(B&T)/T-07/2023-24/72 Dated . 04/11/2023

Reference of work order :- NEEPCO/KaHPS/HSM-I(B&T)/W-11/2023-24/1207 Dated .03/11/2023

Date of actual completion of work :- Dated 07/06/2023

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 sub heades" 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
Cum	23.400	**Item No : 1** Excavation for Structures (Earth work in excavation ..... the remaining earth locally for road work) (i) Ordinary soil A Manual Means (Depth upto 3 m) 1). For Gabion Wall Foundation	359.00	8,307.00	0.00	
Cum	52.000	**Item No 2:** Gabion structure for retaining earth ..... to be tied with 4 mm galvanised steel wire. 1). For Gabion Wall	2876.00	1,49,552.00	0.00	
Tone	0.704	**Item No 3:** Loading and Unloading of Cement / Steel / ..... and Timber etc. by Manual Means and Stacking for hill roads 1). For Steel Wire	265.00	186.56	0.00	
Tone	0.704	**Item No 4:** Cost of Haulage Excluding Loading and Unloading on hill roads ..... cost of loading, unloading and stacking i) Surface road ii) Unsurfaced Gravel Road a) Surface road= Carriage of Steel Wire from Balipara to site (Distance = 105 Kms) =105 km @ 10.50 = Rs 1102.50/Ton/Km 1). For Steel Wire	1102.50	776.16	0.00	Certified that :- 1). The work has been completed as per specification and instruction of Engineer in charge at site. 2). All labour engaged are Indian citizen and above 18th year of age. 3). No T&P and store materials were issued to the contractor. 4). The contractor has not engaged any migrated labour for this works.
Tone	0.704	b) Unsurface Gravel road= Carriage of Steel Wire from Balipara to site (Distance = 40.00 Kms) =40.00 km @ 12.70 = Rs 508.00/Ton/Km 1). For Steel Wire	508.00	357.63	0.00	
Tone	135.720	c). Carriage of Stone Boulder from Stone Quarry to site (Distance = 11.0 Kms) =11.0 km @ 12.70 = Rs 139.70/Ton/Km 1). For Stone Boulder	139.70	18,960.08	0.00	
Cum	60.320	**Item No 5:** Loading and Unloading of Stone Boulder / Stone aggregates / Sand ..... by Manual Means for hill roads 1). For Boulder	214.00	12,908.48	0.00	
		Carried Over to Page 2.....		191047.91	0.00	

* 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-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 measurement book)	Item of work or supplies (Grouped"under sub heades" 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
		Brought Foroward		1,91,047.91	0.00	
			Gross value of work done = Rs	1,91,047.91	0.00	
			Deduct- value of work or supplies shown on previous bill	0.00		
			Net value of work Including GST @ 12% = Rs	1,91,047.91		
			Say = Rs	1,91,048.00		(A)
			Value of work excluding GST @ 12% = [(Rs 1,91,048.00 x 100)/112] = Rs	1,70,578.57		(B)
			Add GST @ 18% of 'B' = [(Rs 1,70,578.57 x 18%] = Rs	30,704.14		(C)
			Total Payable Amount including GST @ 18% = (Rs 1,70,578.57 + Rs 30,704.14) = Rs	2,01,282.71		(D)
			Say = Rs	2,01,283.00		
		Carried Over to Page 3.....		2,01,283.00	0.00	

Unit	Quantity executed(Or supplied up to date as per measurement book)	Item of work or supplies (Grouped"under sub heades" 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
		Brought Foroward		2,01,283.00	0.00	

W/O No. NEEPCO/KEHPP/HSM-I/O&M/W-11/2025-26/1207 dtd. 3/11/2025.

III - Memorandum of Payments

1.Total value of work actually measured,as per act,l.Col.5 Entry (A) 29.170579'00

2.Deduct amount withheld:-

Figure of Works Abstract		Rs P		Rs P
	(a) From previous bill as per last Running Account bill			
	(b) From this bill		2	
	(3) Balance, i.e 'Up to date' payment (item 1.....2)	(K)		
	(4) Total amount payments already made as per entry (k)of last Running Account Bill No Forwaded with accounts	AP		170579'00
	(5) Payment now to be made as detailed below:- By recovery of amounts creditable to (b) to this work:-			
	(a) Value of stock supplied as detailed in the Ladger in	(a)	5	32833'00
	Ditto in.....			
	Ditto in.....			
	Total 2(b)+5 --(G)			
	(b) By recovery of amounts creditable to the work or heads of accounts:- "Deposits" By Cheque	(b)		137746'00
	(c) Total 5 (b)+ (5)-- (H)			

Received Rs.* Rupees one Lakh thirty seven thousand seven hundred forty six only. as per above memorandum (Amount in vernacular)

Left hand Thumb impression

Stamp

Dated:-The

*Witness

Full signature of Contractor

Paid by me, vide cheque No. dated

Cashier

(Dated initial of person actually making the payment)

This figure should be tested to see that is agrees with the total of items 4 and 5 . If that net amount to be paid is less than Rs.10/- and it can be included in a cheque the payment should be made in cash,this entry being altered suitably and the alteration attested by dated initials.

*Here specify the net amount payble vide item 5(c)

The payees acknowledgement should be for the gross amount paid as item 5 (i.e.a+b+c)

*Payment should be attested by some know person when the payee's acknowledgement is given by a mark, seal or thumb impression

*Not required in case of bill of suppliers.

IV – REMARK

(This space is required for any remarks, which the disbursing Officer or the Executive Engineer may wish toward in respect of the execution of the work. Cheque of measurements of the state of contractor account)

NEEPCO New Delhi North Eastern Electric Power Corporation

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
KPC, KIMI, A.P.
PAYMENT VOUCHER

Payable to : Libi Hagam

Vendor / Emp.Code No. 1 0 4 5 6 R

M'RO No.

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
Rent of R&B.	4 0 9 0 0 0 3	149256·00	-	
To P&M(W)	2 0 7 0 1 2 9		2286·00	
To ECSS	2 0 7 0 7 2 6		1493·00	
To GPF	2 0 7 0 2 2 1		6048·00	
To Sec. deposit	D 0 6 2 0 1 1		14926·00	
To Bank				112503·00
Document No.	5 1 0 5 6 2	5791	/	/
Sl No. Document	2 3 1 2 0 0 2	104		
	Total	149256·00	30753·00	112503·00

Receipt — Rupees One Lakh eighteen thousand five hundred three only

Narration Payment made against contn. of Embankment in the approach road to plinth pool Book site from CH: 0.00m to CH: 250m (Left Side)

Passing Record

Prepared AA/Accountant

Passed by

Checked by AAO/Sr. Accountant

AAO..... AO.....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N : 2 3 1 5 0 2 5 7 8 9

Date :

Cheque No.: Q M P 3 8 6 F

Date 2 9 1 1 2 0 2 3

Cashier..... Sr. Acclt. .....

AAO / AO) AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

NEEPCO Schedule II - Works 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.

Date:-

Cach Book Voucher No.

Name of the Contractor or Supplier :-Shri Libi Hagam. Bichom Village. Dist.-West Kameng. Arunachal Pradesh.

Name of Works :-"Construction of Gabion Wall in the approach road to Plunge Pool work site from Chainage 71.00m to Chainage 85.00m (Left side)"

Purpose of Supply :-

Serial No. of this Bill Work :-First & Final (Measured) Bill

Reference of Agreement :- NEEPCO/KaHPS/HSM-I(B&T)/T-07/2023-24/68 Dated . 03/11/2023

Reference of work order :- NEEPCO/KaHPS/HSM-I(B&T)/W-11/2023-24/1172 Dated 02/11/2023

Date of actual completion of work :- Dated 25/05/2023

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 sub heades" 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
Cum	20.475	**Item No : 1** Excavation for Structures (Earth work in excavation ..... the remaining earth locally for road work) (i) Ordinary soil A Manual Means (Depth upto 3 m) 1). For Gabion Wall Foundation	355.00	7,268.63	0.00	
Cum	45.500	**Item No 2:** Gabion structure for retaining earth ..... to be tied with 4 mm galvanised steel wire 1). For Gabion Wall	2878.00	1,30,958.00	0.00	
Tone	0.616	**Item No 3:** Loading and Unloading of Cement / Steel / ..... and Timber etc. by Manual Means and Stacking for hill roads 1) For Steel Wire	265.00	163.24	0.00	
Tone	0.616	**Item No 4:** Cost of Haulage Excluding Loading and Unloading on hill roads ..... cost of loading, unloading and stacking i) Surface road a) Unsurfaced Gravel Road a). Surface road= Carriage of Steel Wire from Balipara to site (Distance = 105 Kms) =105 km @ 10.50 = Rs 1102.50/Ton/Km 1). For Steel Wire	1102.50	679.14	0.00	Certified that :- 1). The work has been completed as per specification and instruction of Engineer in charge at site. 2). All labour engaged are Indian citizen and above 18th year of age. 3). No T&P and store materials were issued to the contractor. 4). The contractor has not engaged any migrated labour for this works.
Tone	0.616	b) Unsurface Gravel road= Carriage of Steel Wire from Balipara to site (Distance = 40.00 Kms) =40.00 km @ 12.70 = Rs 508.00/Ton/Km 1) For Steel Wire	508.00	312.93	0.00	
Tone	118.755	c) Carriage of Stone Boulder from Stone Quarry to site (Distance = 11.0 Kms) =11.0 km @ 12.70 = Rs 139.70/Ton/Km 1) For Stone Boulder	139.70	16,590.07	0.00	
Cum	52.780	**Item No 5:** Loading and Unloading of Stone Boulder / Stone aggregates / Sand ..... by Manual Means for hill roads 1) For Boulder	214.00	11,294.92	0.00	
		Carried Over to Page 2.....		167166.93	0.00	

* 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-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 measurement book)	Item of work or supplies (Grouped"under sub heades" 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
		Brought Foroward		1,67,166.93	0.00	
			Gross value of work done = Rs	1,67,166.93	0.00	
			Deduct- value of work or supplies shown on previous bill	0.00		
			Net value of work including GST @ 12% = Rs	1,67,166.93		
			Say = Rs	1,67,167.00		(A)
			Value of work excluding GST @ 12% = [(Rs 1,67,167.00 x 100)/112] = Rs	1,49,256.25		(B)
			Add GST @ 18% of 'B' = [(Rs 1,49,256.25 x 18%] = Rs	26,866.13		(C)
			Total Payable Amount including GST @ 18% = (Rs 1,49,256.25 + Rs 26,866.13) = Rs	1,76,122.38		(D)
			Say = Rs	1,76,122.00		
		Carried Over to Page 3.....		1,76,122.00	0.00	

Unit	Quantity executed(Or supplied up to date as per measurement book)	Item of work or supplies (Grouped"under sub heades" 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
		Brought Foroward		1,76,122.00	0.00	
				1,76,122.00	0.00	
Total value of work done or supplies to date				0.00		
Deduct- value of work or supplies shown on previous bill				1,76,122.00		
Net value of work or supplies since previous bil				1,76,122.00		
Total Payable Amount inclusive of GST @18% = Rs						

Figure (F) in words. (Rupees One Lakh Seventy Six Thousand One Hundred Twenty Two) only

II - Certificates and signature

The measurement were made by me on and are recorded at page 65 to 81 of measurement Book No. 10136 No advance payment has been made previously without detailed measurements

6/11/23

Dy. Manager (C)
HSM-I (B&T). KaHPS.
NEEPCO Ltd., Bokajan

(Rank) .....Sub division
Dated signature of Officer (A.P.) preparing payment .....Division

29/11/23

DGM(Mechanical) HSM I (B&T)
KaHPS, NEEPCO Ltd., Bokajan (A.P.)

Thumb impression or
Dated signature of Contractor

*Dated signature of Officer 23/11/2023

Head of Department
Chief Civil Works, KaHPS
NEEPCO Ltd., Kimi (A.P.)

*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

III - Memorandum of Payments

1.Total value of work actually measured,as per act,l.Col.5 Entry (A) — Rs 1,49,256·00

2.Deduct amount withheld:-

Figure of Works Abstract		Rs P		Rs P
	(a) From previous bill as per last Running Account bill			
	(b) From this bill		2	1
	(3) Balance, i.e 'Up to date' payment (item 1.....2)	(K)		1,49,256·00
	(4) Total amount payments already made as per entry (k)of last Running Account Bill No Forwaded with accounts		AP	
	(5) Payment now to be made as detailed below:- By recovery of amounts creditable to Rs on account to this work:-			
	(a) Value of stock supplied as detailed in the Ladger in		(a)	2286·00
	Ditto in.....			1493·00
	Ditto in.....			6046·00
	Total 2(b)+5 --(G)		5	11426·00
	(b) By recovery of amounts creditable to the work or heads of accounts:- "Deposits"		(b)	(-) 30758·00
	By Cheque			118568·00
	(c) Total 5 (b)+ (5)– (H)			

Received Rs.* (Rupees One lakh Eighteen Thousand Five Hundred Sixty Eight Only) as per above memorandum (Amount in vernacular)

Left hand Thumb impression

Stamp

Dated:-The

*Withness

Full signature of Contractor

Paid by me, vide cheque No. dated

(Dated initial of person actually making the payment) Cashier

This figure should be tested to see that is agrees with the total of items 4 and 5 . If that net amount to be paid is less than Rs.10/- and it can be included in a cheque the payment should be made in cash,this entry being altered suitably and the alteration attested by dated initials.

*Here specify the net amount payble-vide item 5(c)

The payees acknowledgement should be for the gross amount paid as item 5 (i.e.a+b+c)

*Payment should be attested by some know person when the payee's acknowledgement is given by a mark, seal or thumb impression

*Not required in case of bill of suppliers.

IV -- REMARK

(This space is required for any remarks, which the disbursing Officer or the Executive Engineer may wish toward in respect of the execution of the work. Cheque of measurements of the state of contractor account)

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

KPC, KIMI, A.P.

PAYMENT VOUCHER

Payable to : Ram Lali.

Vendor / Emp.Code No. 1 0 3 7 2 8 M!RO No.

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
Rem/RaB.	4 0 9 0 0 0 3	81875' ∞		
To Rem/	2 0 7 0 7 2 9		1542' ∞	
To Cess	2 0 7 0 7 2 6		819' ∞	
To GPF.	2 0 7 0 8 3 1		2295' ∞	
To Sec.dep/DT.	2 0 6 2 0 1 1		8182' ∞	
To Bank	1 0 8 9 1 3 2			65031' ∞
Document no.	5 1 0 5 6 2 5 7 7 5			
	Total	81875' ∞	16844' ∞	65031' ∞

Receipt — Rupees Sixty five thousand thirty one only.

Narration payment made against Contr. of Gabion wall in the approach to plunge pool 200 Lft from el.47.50m to el.57.00m. (Left side)

Passing Record

Prepared AA/Accountant

Checked by AAO/Sr. Accountant

Passed by

AAO..... AO.....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N : 2 3 1 5 0 2 5 7 7 2

Date : 2 9 1 1 2 0 2 3

Cheque No. : C M P 3 8 6 1

Date : 2 9 1 1 2 0 2 3

Cashier..... Sr. Acctt. .....

AAO / AO / AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

NEEPCO Schedule II - Works 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 the Contractor or Supplier :-Shri Pran Lali, Bichom Village, Dist.-West Kameng, Arunachal Pradesh.

Name of Works :-"Construction of Gabion Wall in the approach road to Plunge Pool work site from Chainage 47.50m to Chainage 57.00m (Left side)"

Purpose of Supply :-
Serial No. of this Bill Work :-First & Final (Measured).Bill
Reference of Agreement :- NEEPCO/KaHPS/HSM-I(B&T)/T-07/2023-24/66 Dated .03/11/2023
Reference of work order :- NEEPCO/KaHPS/HSM-I(B&T)/W-11/2023-24/1184 Dated .02/11/2023
Date of actual completion of work :- Dated 01/06/2023

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 sub heades" 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
Cum	11.281	**Item No : 1** Excavation for Structures (Earth work in excavation ..... the retraining earth locally for road work.) (i) Ordinary soil A Manual Means (Depth upto 3 m) 1). For Gabion Wall Foundation	355.00	4,004.76	0.00	
Cum	24.938	**Item No 2:** Gabion structure for retaining earth ..... to be tied with 4 mm galvanised steel wire 1). For Gabion Wall	2876.00	71,721.69	0.00	
Tone	0.368	**Item No 3:** Loading and Unloading of Cement / Steel / ..... and Timber etc, by Manual Means and Stacking for hill roads 1). For Steel Wire	265.00	97.52	0.00	
Tone	0.368	**Item No 4:** Cost of Haulage Excluding Loading and Unloading on hill roads ..... cost of loading, unloading and stacking i) Surface road ii) Unsurfaced Gravel Road a). Surface road= Carriage of Steel Wire from Balipara to site (Distance = 105 Kms) =105 km @ 10.50 = Rs 1102.50/Ton/Km 1). For Steel Wire	1102.50	405.72	0.00	Certified that :- 1). The work has been completed as per specification and instruction of Engineer in charge at site. 2). All labour engaged are Indian citizen and above 18th year of age. 3). No T&P and store materials were issued to the contractor. 4). The contractor has not engaged any migrated labour for this works.
Tone	0.368	b). Unsurface Gravel road= Carriage of Steel Wire from Balipara to site (Distance = 40.00 Kms) =40.00 km @ 12.70 = Rs 508.00/Ton/Km 1). For Steel Wire	508.00	186.94	0.00	
Tone	65.088	c). Carriage of Stone Boulder from Stone Quarry to site (Distance = 11.0 Kms) =11.0 km @ 12.70 = Rs 139.70/Ton/Km 1). For Stone Boulder	139.70	9,092.79	0.00	
Cum	28.928	**Item No 5:** Loading and Unloading of Stone Boulder / Stone aggregates / Sand ..... by Manual Means for hill roads 1). For Boulder	214.00	6,190.59	0.00	
		Carried Over to Page 2.....		91700.01	0.00	

* 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-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 measurement book)	Item of work or supplies (Grouped"under sub heades" 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
		Brought Foroward		91,700.01	0.00	
		Total value of work done = Rs		91,700.01	0.00	
		Deduct- value of work or supplies shown on previous bill		0.00		
		Net value of work including GST @ 12% = Rs		91,700.01		
		Say = Rs		91,700.00		(A)
		Value of work excluding GST @ 12% = [(Rs 91,700.00 x 100)/112] = Rs		81,875.00		(B)
		Add GST @ 18% of 'B' = [(Rs 81,875 x 18%] = Rs		14,737.50		(C)
		Total Payable Amount including GST @ 18% = (Rs 81,875.00 + Rs 14,737.50) = Rs		96,612.50		(D)
		Say = Rs		96,613.00		
		Carried Over to Page 3.....		96,613.00	0.00	

Unit	Quantity executed(Or supplied up to date as per measuremen	Item of work or supplies (Grouped"under sub heades" 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
		Brought Foroward		96,613.00	0.00	
Total value of work done or supplies to date				96,613.00	0.00	
Deduct- value of work or supplies shown on previous bill				0.00		
Net value of work or supplies since previous bill				96,613.00		
Total Payable Amount inclusive of GST @18% = Rs.				96,613.00		

Figure (₹) in words. (Rupees Ninety Six Thousand Six Hundred Thirteen) only

II - Certificates and signature

The measurement were made by me on and are recorded at page 178 to 194 of measurement Book No. 7697 No advance payment has been made previously without detailed measurements.

6/11/23

Dy. Manager (C)
HSM-I (B&T). KaHPS.
NEEPCO Ltd., Bichom (A.P.)

Dated Signature of Officer preparing payment (Rank) .....Sub division .....Division

DGM(C)/Incharge HSM-I (B&T)
KAHPS. NEEPCO Ltd., Bichom (A.P.)

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

13/11/2023

W/O No. NE-EPC-PKMP-2/HPM-1/CIVIL/W-II/2022-23/M240 dt. 21/11/2022

Page No:- 4

III - Memorandum of Payments

1.Total value of work actually measured,as per act,I.Col.5 Entry (A) — Rs. 21875'00

2.Deduct amount witheld:-

Figure of Works Abstract		Rs	P		Rs	P
	(a) From previous bill as per last Running Account bill					
	(b) From this bill					
		(K)		2		
	(3) Balance, i.e 'Up to date' payment (item 1.....2)					
	(4) Total amount payments already made as per entry (k)of last Running Account Bill No Forwaded with accounts					
	(5) Payment now to be made as detailed below:-					
	By recovery of amounts creditable to ~~Govt~~ to this work:-					
	(a) Value of stock supplied as detailed in the Ladger in			(a)		
	Ditto in.....					
	Ditto in.....					
	Total 2(b)+5 --(G)					
	(b) By recovery of amounts creditable to the work or heads of accounts:- "Deposits" By Cheque			(b)		
	(c) Total 5 (b)+ (5)-- (H)					

AP

Rs	P
4548' 00	
819'00	
2295'00	
8188'00	

5

(—) 16844'00

65031'00

21875'00

Received Rs.* (Rupees Sixty five thousand thirty one only.) as per above memorandum on account of this work (Amount in vernacular)

Left hand Thumb impression

Stamp

Dy. M Gr

Full signature of Contractor

Dated:-The

*Withness

Paid by me, vide cheque No. dated

(Dated initial of person actually making the payment) Cashier

This figure should be tested to see that is agrees with the total of items 4 and 5 . If that net amount to be paid is less than Rs.10/- and it can be included in a cheque the payment should be made in cash,this entry being altered suitably and the alteration attested by dated initials.

*Here specify the net amount payble-vide item 5(c)

The payees acknowledgement should be for the gross amount paid as item 5 (i.e.a+b+c)

*Payment should be attested by some know person when the payee's acknowledgement is given by a mark, seal or thumb impression

*Not required in case of bill of suppliers.

IV – REMARK

(This space is required for any remarks, which the disbursing Officer or the Executive Engineer may wish toward in respect of the execution of the work. Cheque of measurements of the state of contractor account)

NEEPCO New Delhi North Eastern Electric Power Corporation

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
KPC, KIMI, A.P.
PAYMENT VOUCHER

Payable to : Rajesh Bachhag.

Vendor / Emp.Code No. 1 0 4 5 1 6 MIRO No.

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
Rcvd RdD.	4 0 9 0 0 0 3	93165.00		
To Rcvd	2 0 7 0 7 2 9		5149.00	
To Cess.	2 0 7 0 7 2 6		932.00	
To HPC.	2 0 7 0 2 3 1		2808.00	
To Security	2 0 8 4 0 1 1		9317.00	
To Bank	1 0 8 2 1 3 2			73965.00
Document No.	5 1 0 5 6 2 5 7 0 2			
SD. Document No.	2 3 1 7 0 0 2 0 2 7			
	Total	93165.00	19200.00	73965.00

Receipt — Rupees Seventy three thousand one hundred sixty five only

Narration Payment made against contn. of Cabion wall approach road to P/House pool Bank 272 from ch 16.00m to ch 20.50m (Left side)

Passing Record

Prepared AA/Accountant

Checked by AAO/Sr. Accountant

Passed by

AAO..... AO.....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N : 2 3 1 5 0 2 5 4 8 8

Date :

Cheque No.: CMP 3 7 9 5

Date : 2 4 - 1 1 - 2 0 2 3

Cashier..... Sr. Acctt. .....

AAO / AO / AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

NEEPCO Schedule II - Works 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 the Contractor or Supplier :-Shri Rajesh Bachung. Bichom Village. Dist.-West Kameng. Arunachal Pradesh.

Name of Works :-"Construction of Gabion Wall in the approach road to Plunge Pool work site from Chainage 16.00m to Chainage 30.50m (Left side)"

Purpose of Supply :-

Serial No. of this Bill Work :-First & Final (Measured) Bill

Reference of Agreement :- NEEPCO/KaHPS/HSM-I(B&T)/T-07/2023-24/71 Dated . 04/11/2023

Reference of work order :- NEEPCO/KaHPS/HSM-I(B&T)/W-11/2023-24/1213 Dated .03/11/2023

Date of actual completion of work :- Dated 27/05/2023

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 sub heades" 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
		Item No : 1 Excavation for Structures (Earth work in excavation the remaining earth locally for road work) i) Ordinary soil A Manual Means (Depth upto 3 m)				
Cum	13.920	1) For Gabion Wall Foundation	355.00	4,941.60	0.00	
		Item No 2: Gabion structure for retaining earth to be tied with 4 mm galvanised steel wire				
Cum	28.275	1) For Gabion Wall	2876.00	81,318.90	0.00	
		Item No 3: Loading and Unloading of Cement / Steel / and Timber etc. by Manual Means and Stacking for hill roads				
Tone	0.403	1) For Steel Wire	265.00	106.80	0.00	
		Item No 4: Cost of Haulage Excluding Loading and Unloading on hill roads cost of loading, unloading and stacking i) Surface road ii) Unsurfaced Gravel Road a) Surface road= Carriage of Steel Wire from Balipara to site (Distance = 105 Kms) =105 km @ 10.50 = Rs 1102.50/Ton/Km				Certified that :- 1). The work has been completed as per specification and instruction of Engineer in charge at site. 2). All labour engaged are Indian citizen and above 18th year of age. 3). No T&P and store materials were issued to the contractor. 4). The contractor has not engaged any migrated labour for this works.
Tone	0.403	1) For Steel Wire	1102.50	444.31	0.00	
		b) Unsurface Gravel road= Carriage of Steel Wire from Balipara to site (Distance = 40.00 Kms) =40.00 km @ 12.70 = Rs 508.00/Ton/Km				
Tone	0.403	1) For Steel Wire	508.00	204.72	0.00	
		c) Carriage of Stone Boulder from Stone Quarry to site (Distance = 11.0 Kms) =11.0 km @ 12.70 = Rs 139.70/Ton/Km				
Tone	73.799	1) For Stone Boulder	139.70	10,309.58	0.00	
		Item No 5: Loading and Unloading of Stone Boulder / Stone aggregates / Sand by Manual Means for hill roads				
Cum	32.799	1) For Boulder	214.00	7,018.99	0.00	
		Carried Over to Page 2.....		104344.90	0.00	

* 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-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 measurement book)	Item of work or supplies (Grouped"under sub heades" 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
		Brought Foroward		1,04,344.90	0.00	
			Total value of work done = Rs	1,04,344.90	0.00	
			Deduct- value of work or supplies shown on previous bill	0.00		
			Net value of work including GST @ 12% = Rs	1,04,344.90		
			Say = Rs	1,04,345.00		(A)
			Value of work excluding GST @ 12% = [(Rs 1,04,345.00 x 100)/112] = Rs	93,165.18		(B)
			Add GST @ 18% of 'B' = [(Rs 93,165.18 x 18%] = Rs	16,769.73		(C)
			Total Payable Amount including GST @ 18% = (Rs 93,165.18 + Rs 16,769.73) = Rs	1,09,934.91		(D)
			Say = Rs	1,09,935.00		
		(Rupees One Lakh Nine Thousand Nine Hundred Thirty Five) only				
		Carried Over to Page 3.....		1,09,935.00	0.00	

6/11/23

Dy. Manager (C)
HSM-I (B&T), KaHPS.
NEEPCO Ltd., Bichom (A.P.)

Unit	Quantity executed(Or supplied up to date as per measuremen	Item of work or supplies (Grouped"under sub heades" 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
		Brought Foroward		1,09,935.00	0.00	
Total value of work done or supplies to date				1,09,935.00	0.00	
Deduct- value of work or supplies shown on previous bill				0.00		
Net value of work or supplies since previous bill				1,09,935.00		
Total Payable Amount inclusive of GST @18% = Rs				1,09,935.00		

Figure (F) In words (Rupees One Lakh Nine Thousand Nine Hundred Thirty Five) only

II - Certificates and signature

The measurement were made by me on and are recorded at page 168 to 184 of measurement Book No. 186 No advance payment has been made previously without detailed measurements.

6/11/23
Dy. Manager (C)
HSM-I (B&T) KaHPS.
NEEPCO Ltd., Bichom (A.P.)

Dated Signature of Officer preparing payment

(Rank)
..... Sub division
..... Division

DGM(C)Incharge HSM-I (B&T)
KAHPS, NEEPCO Ltd., Bichom (A.P.)

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

13/11/2023
Executive (सी)/General Manager (C)
Incharge / Head of Department
प्रभारी सिविल वर्क्स, क.ह.प.यो.
Incharge Civil Works, KaHPS
नि.नि.प्रा.लि., बिचोम (आ. प्र.)
NEEPCO Ltd., Bichom (A.P.)

W/O No. NEEPCO/Kamp-2/H2m-1/BRT/WM/2023-24/4213 dtd 16.11.2023

Page No:- 4

III - Memorandum of Payments

1.Total value of work actually measured as per act.I.Col 5 Entry (A) ——— 93165.00

2.Deduct amount witheld:-

Figure of Works Abstract		Rs	P		Rs	P
	(a) From peevious bill as per last Running Account bill					
	(b) From this bill					
				(K)		
	(3) Balance, i.e 'Up to date' payment (item 1.....2)			2		
	(4) Total amount payments already made as per entry (k)of last Running Account Bill No Forwaded with accounts			AP		
	(5) Payment now to be made as detailed below:-					
	By recovery of amounts creditable to to this work:-					
	(a) Value of stock supplied as detailed in the Ladger in			(a)		
	Ditto in.....					
	Ditto in.....			5		
	Total 2(b)+5 --(G)					
	(b) By recovery of amounts creditable to the work or heads of accounts:- "Deposits" By Cheque			(b)		
	(c) Total 5 (b)+ (5) - (H)					

Received Rs.* on account of this work

as per above memorandum (Amount in vernacular)

Left hand Thumb impression

Stamp

Dated:-The

*Witness

Full signature of Contractor

Paid by me, vide cheque No. dated

Cashier

(Dated initial of person actually making the payment)

This figure should be tested to see that is agrees with the total of items 4 and 5 . If that not amount to be paid is less than Rs.10/- and it can be included in a choque the payment should be made in cash,this entry being altered suitably and the alteration attested by dated initials.

*Here specify the net amount payble-vide item 5(c)

The payees acknowledgement should be for the gross amount paid as item 5 (i.e a+b+c)

*Payment should be attested by some know person when the payee's acknowledgement is given by a mark, seal or thumb impression

*Not required in case of bill of suppliers.

IV -- REMARK

(This space is required for any remarks, which the disbursing Officer or the Executive Engineer may wish toward in respect of the execution of the work. Cheque of measurements of the state of contractor account)

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

KPC, KIMI, A.P.

PAYMENT VOUCHER

Payable to : Raju Bachung.

Vendor / Emp.Code No. 1 0 4 5 1 7 M'RO No.

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
R&M O/H&B.	4 0 9 0 0 0 3	68946.00		
To H.R.Rum.	2 0 7 0 7 2 9		3825.00	
To C.S.S.	2 0 7 0 7 2 6		690.00	
To G.P.F.	2 0 7 0 2 2 1		2753.00	
To S.D.Deposit	2 0 6 2 0 1 1		6295.00	
To Bank	1 0 8 2 1 3 2			54783.00
Document No.	5 1 0 5 6 2 5 7 7 8			
	Total	68946.00	14163.00	54783.00

Receipt

Rupees Fifty four thousand seven hundred eight three only

Narration payment made against C02 & 03 Gabion wall in the approach to P/House pool 20 m Left from Ch: 88.00 m to Ch: 96.00 m (Rt & Left).

Passing Record

Prepared AA/Accountant

Checked by AAO/Sr. Accountant

Passed by

AAO ..... AO .....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N : 2 3 1 5 0 2 5 7 5 9

Date : 2 9 1 1 2 0 2 3

Cheque No.: C M P 3 8 6 F

Date : 2 9 1 1 2 0 2 3

Cashier ..... Sr. Acctt. .....

AAO / AO / AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

NEEPCO Schedule II - Works 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 the Contractor or Supplier :-Shri Raju Bachung, Bichom Village, Dist.-West Kameng, Arunachal Pradesh.

Name of Works :-"Construction of Gabion Wall in the approach road to Plunge Pool work site from Chainage 88.00m to Chainage 96.00m (Right side)"

Purpose of Supply :-

Serial No. of this Bill Work :-First & Final (Measured) Bill

Reference of Agreement :- NEEPCO/KaHPS/HSM-I(B&T)/T-07/2023-24/69 Dated 03/11/2023

Reference of work order :- NEEPCO/KaHPS/HSM-I(B&T)/W-11/2023-24/1166 Dated 02/11/2023

Date of actual completion of work :- Dated 22/05/2023

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 sub heades" 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
Cum	9.500	**Item No : 1** Excavation for Structures (Earth work in excavation the remaining earth locally for road work) (i) Ordinary soil A Manual Means (Depth upto 3 m) 1). For Gabion Wall Foundation	355.00	3,372.50	0.00	Certified that :- 1). The work has been completed as per specification and instruction of Engineer in charge at site. 2). All labour engaged are Indian citizen and above 18th year of age. 3). No T&P and store materials were issued to the contractor. 4). The contractor has not engaged any migrated labour for this works.
Cum	21.000	**Item No 2:** Gabion structure for retaining earth ..... to be tied with 4 mm galvanised steel wire 1). For Gabion Wall	2876.00	60,396.00	0.00	
Tone	0.310	**Item No 3:** Loading and Unloading of Cement / Steel / ..... and Timber etc, by Manual Means and Stacking for hill roads 1). For Steel Wire	265.00	82.15	0.00	
Tone	0.310	**Item No 4:** Cost of Haulage Excluding Loading and Unloading on hill roads ..... cost of loading, unloading and stacking i) Surface road ii) Unsurfaced Gravel Road a) Surface road= Carriage of Steel Wire from Balipara to site (Distance = 105 Kms) =105 km @ 10.50 = Rs 1102.50/Ton/Km 1). For Steel Wire	1102.50	341.78	0.00	
Tone	0.310	b) Unsurface Gravel road= Carriage of Steel Wire from Balipara to site (Distance = 40.00 Kms) =40.00 km @ 12.70 = Rs 508.00/Ton/Km 1). For Steel Wire	508.00	157.48	0.00	
Tone	54.810	c) Carriage of Stone Boulder from Stone Quarry to site (Distance = 11.0 Kms) =11.0 km @ 12.70 = Rs 139.70/Ton/Km 1). For Stone Boulder	139.70	7,656.96	0.00	
Cum	24.360	**Item No 5:** Loading and Unloading of Stone Boulder / Stone aggregates / Sand ..... by Manual Means for hill roads 1). For Boulder	214.00	5,213.04	0.00	
		Carried Over to Page 2.....		77219.91	0.00	

* 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-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 measurement book)	Item of work or supplies (Grouped"under sub heades" 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
		Brought Foroward		77,219.91	0.00	
		Gross value of work done = Rs		77,219.91	0.00	
		Deduct- value of work or supplies shown on previous bill		0.00		
		Net value of work Including GST @ 12% = Rs		77,219.91		
		Say = Rs		77,220.00		(A)
		Value of work excluding GST @ 12% = [(Rs 77,220.00 x 100)/112] = Rs		68,946.43		(B)
		Add GST @ 18% of 'B' = [(Rs 68,946.43 x 18%)] = Rs		12,410.36		(C)
		Total Payable Amount including GST @ 18% = (Rs 68,946.43 + Rs 12,410.36) = Rs		81,356.79		(D)
		Say = Rs		81,357.00		
		Carried Over to Page 3.....		81,357.00	0.00	

Unit	Quantity executed(Or supplied up to date as per measurement book)	Item of work or supplies (Grouped"under sub heades" 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
		Brought Foroward		81,357.00	0.00	

W/O No. NEEPCO/KHPS/Khandong/T&C/W-II/2022-24/1166 dtd 24/11/2022

Page No:- 4

III - Memorandum of Payments

1.Total value of work actually measured,as per act/J.Col 5 Entry (A) ₹ 68946·00

2.Deduct amount withheld:-

Figure of Works Abstract		Rs	P		Rs	P
	(a) From previous bill as per last Running Account bill					
	(b) From this bill			2		
	(3) Balance, i.e 'Up to date' payment (item 1.....2)			(K)		
	(4) Total amount payments already made as per entry (k)of last Running Account Bill No Forwaded with accounts					
	(5) Payment now to be made as detailed below:-			AP		
	By recovery of amounts creditable to (B) to this work:-					
	(a) Value of stock supplied as detailed in the Ladger in			(a)		
	Ditto in.....					
	Ditto in.....					
	Total 2(b)+5 --(G)			5		
	(b) By recovery of amounts creditable to the work or heads of accounts:- "Deposits" By Cheque			(b)		
	(c) Total 5 (b)+ (5)-- (H)					

Received Rs.* ..... as per above memorandum
on account of this worl (Amount in vernacular)

Left hand Thumb impression

Stamp

Full signature of Contractor

Dated:-The
*Withness

Paid by me, vide cheque No. dated

(Dated initial of person actually making the payment) Cashier

This figure should be tested to see that is agrees with the total of items 4 and 5 . If that net amount to be paid is less than Rs.10/- and it can be included in a cheque the payment should be made in cash,this entry being altered suitably and the alteration attested by dated initials

*Here specify the net amount payble-vide item 5(c)

The payees acknowledgement should be for the gross amount paid as item 5 (i.e.a+b+c)

*Payment should be attested by some know person when the payee's acknowledgement is given by a mark, seal or thumb impression

*Not required in case of bill of suppliers.

IV -- REMARK

(This space is required for any remarks, which the disbursing Officer or the Executive Engineer may wish toward in respect of the execution of the work. Cheque of measurements of the state of contractor account)

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

KPC, KIMI, A.P.

PAYMENT VOUCHER

Payable to : Roshni Pamajin

Vendor / Emp.Code No. 1 0 4 5 1 6 MIRO No.

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
RLM & R&B	4 0 9 0 0 0 3	181240.00		
To FC mm	2 0 7 0 7 2 9		10062.00	
To cess	2 0 7 0 7 2 6		1213.00	
To GPF	2 0 7 0 2 3 1		5696.00	
To Prodyatt	2 0 6 2 0 1 1		18124.00	
To Bank	1 0 8 2 1 3 2		-	146545.00
Document No.	5 1 0 5 6 2 5 7 3 5			
Sy. Document No.	2 2 1 7 0 0 2 0 2 7			
	Total	181240.00	35695.00	146545.00

Receipt

Rupees One Lakh forty five thousand five hundred forty five only

Narration Payment bill against construction of Cabion wall along the approach road to proposed pool work site from ch: 0.00m to ch: 287.00m Left side

Passing Record

Prepared AA/Accountant

Checked by AAO/Sr. Accountant

Passed by

AAO ..... AO .....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N : 2 3 1 5 0 2 5 5 8 7

Date :

Cheque No.: C M P 3 8 1 F

Date : 2 5 1 1 2 0 2 3

Cashier ..... Sr. Acctt. .....

AAO / AO / AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

NEEPCO New Delhi North Eastern Electric Power Corporation

NEEPCO Schedule II - Works 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 the Contractor or Supplier :-Smti Roshni Pamoju. Bichom Village. Dist.-West Kameng. Arunachal Pradesh.

Name of Works :-"Construction of Gabion Wall in the approach road to Plunge Pool work site from Chainage 270.00m to Chainage 287.00m (Left side)"

Purpose of Supply :-
Serial No. of this Bill Work :-First & Final (Measured) Bill
Reference of Agreement :- NEEPCO/KaHPS/HSM-I(B&T)/T-07/2023-24/70 Dated . 03/11/2023
Reference of work order :- NEEPCO/KaHPS/HSM-I(B&T)/W-11/2023-24/1154 Dated .02/11/2023
Date of actual completion of work :- Dated 10/06/2023

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 sub heades" 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
Cum	24.863	**Item No : 1** Excavation for Structures (Earth work in excavation ..... the remaining earth locally for road work.) (i) Ordinary soil A Manual Means (Depth upto 3 m) 1). For Gabion Wall Foundation	355.00	8,826.37	0.00	
Cum	55.250	**Item No 2:** Gabion structure for retaining earth ..... to be tied with 4 mm galvanised steel wire 1). For Gabion Wall	2878.00	1,58,999.00	0.00	
Tone	0.748	**Item No 3:** Loading and Unloading of Cement / Steel / ..... and timber etc. by Manual Means and Stacking for hill roads. 1). For Steel Wire	265.00	198.22	0.00	
Tone	0.748	**Item No 4:** Cost of Haulage Excluding Loading and Unloading on hill roads ..... cost of loading, unloading and stacking i). Surface road ii) Unsurfaced Gravel Road a). Surface road= Carriage of Steel Wire from Balipara to site (Distance = 105 Kms) =105 km @ 10.50 = Rs 1102.50/Ton/Km 1). For Steel Wire	1102.50	824.67	0.00	Certified that :- 1). The work has been completed as per specification and instruction of Engineer in charge at site. 2). All labour engaged are Indian citizen and above 18th year of age. 3). No T&P and store materials were issued to the contractor. 4). The contractor has not engaged any migrated labour for this works.
Tone	0.748	b). Unsurface Gravel road= Carriage of Steel Wire from Balipara to site (Distance = 40.00 Kms) =40.00 km @ 12.70 = Rs 508.00/Ton/Km 1). For Steel Wire	508.00	379.98	0.00	
Tone	144.203	c). Carriage of Stone Boulder from Stone Quarry to site (Distance = 11.0 Kms) =11.0 km @ 12.70 = Rs 139.70/Ton/Km 1). For Stone Boulder	139.70	20,145.16	0.00	
Cum	64.000	**Item No 5:** Loading and Unloading of Stone Boulder / Stone aggregates / Sand ..... by Manual Means for hill roads 1). For Boulder	214.00	13,715.26	0.00	
		Carried Over to Page 2.....		202988.66	0.00	

* 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-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

Roshni

Unit	Quantity executed(Or supplied up to date as per measurement book)	Item of work or supplies (Grouped"under sub heades" 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
		Brought Foroward		2,02,988.66	0.00	
			Gross value of work done = Rs	2,02,988.66	0.00	
			Deduct- value of work or supplies shown on previous bill	0.00		
			Net value of work including GST @ 12% = Rs	2,02,988.66		
			Say = Rs	2,02,989.00		(A)
			Value of work excluding GST @ 12% = [(Rs 2,02,989.00 x 100)/112] = Rs	1,81,240.18		(B)
			Add GST @ 18% of 'B' = [(Rs 1,81,240.18 x 18%] = Rs	32,623.23		(C)
			Total Payable Amount including GST @ 18% = (Rs 1,81,240.18 + Rs 32,623.23) = Rs	2,13,863.41		(D)
			Say = Rs	2,13,863.00		
		Carried Over to Page 3.....		2,13,863.00	0.00	

Unit	Quantity executed(Or supplied up to date as per measuremen	Item of work or supplies (Grouped"under sub heades" 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
		Brought Foroward		2,13,863.00	0.00	
Total value of work done or supplies to date				2,13,863.00	0.00	
Deduct- value of work or supplies shown on previous bill				0.00		
Net value of work or supplies since previous bill				2,13,863.00		
Total Payable Amount inclusive of GST @18% = Rs				2,13,863.00		

Figure (F) in words. **(Rupees Two Lakh Thirteen Thousand Eight Hundred Sixty-Three) only**

II - Certificates and signature

The measurement were made by me on and are recorded at page **101 to 117** of measurement Book No. **11021** No advance payment has been made previously without detailed measurements.

6/11/23

Dy. Manager (C)
HSM-I (B&T). KaHPS.
NEEPCO Ltd., Bichom (A.P.)

Dated Signature of Officer preparing payment

(Rank)
.....Sub division
.....Division

DGM(C)/Incharge HSM-I (B&T)
KaHPS,NEEPCO Ltd, Bichom (A.P.)

Thumb impression or
Dated signature of Contractor

*Dated signature of Officer

13/11/2023

(Rank)
महाप्रबंधक (सं)/General Manager (C)
विभागाध्यक्ष / Head of Department
प्लांट सिविल, खदसं, का.ह.प.से.
PLANT CIVIL, KHEP, HPS
नेएपको लि., किमि, (अ. प्र.)
NEEPCO Ltd., Kimi (A.P.)

*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

W/O No. NERPSIP/Supdy/Hqrs-I/Cont/TW-II/2020-21/11540 dtd. 02.11.2020

Page No:- 4

III - Memorandum of Payments

1 Total value of work actually measured as per act,I.Col.5 Entry (A) ₹218124.00

2.Deduct amount witheld:-

Figure of Works Abstract		Rs P		Rs P
	(a) From previous bill as per last Running Account bill			
	(b) From this bill		2	
		(K)		
	(3) Balance, i.e 'Up to date' payment (Item 1.....2)			
	(4) Total amount payments already made as per entry (k)of last Running Account Bill No Forwaded with accounts			AP 121240.00
	(5) Payment now to be made as detailed below:- By recovery of amounts creditable to the work:-			
	(a) Value of stock supplied as detailed in the Ladger in ..... Ditto in..... Ditto in.....	(a)	5	
	Total 2(b)+5 --(G)			
	(b) By recovery of amounts creditable to the work or heads of accounts:- "Deposits" By Cheque	(b)		
	(c) Total 5 (b)+ (5)-- (H)			

Received Rs.* on account of this work Rupees One Lakh Forty Five Thousand Five Hundred Forty Five only as per above memorandum (Amount in vernacular)

Left hand Thumb impression

Stamp

Full signature of Contractor

Dated:-The

*Withness

Paid by me, vide cheque No. dated

Cashier

(Dated initial of person actually making the payment)

This figure should be tested to see that is agrees with the total of items 4 and 5 . If that net amount to be paid is less than Rs.10/- and it can be included in a cheque the payment should be made in cash,this entry being altered suitably and the alteration attested by dated initials.

*Here specify the net amount payble vide item 5(c)

The payees acknowledgement should be for the gross amount paid as item 5 (i.e.a+b+c)

*Payment should be attested by some know person when the payee's acknowledgement is given by a mark, seal or thumb impression

*Not required in case of bill of suppliers.

IV -- REMARK

(This space is required for any remarks, which the disbursing Officer or the Executive Engineer may wish toward in respect of the execution of the work. Cheque of measurements of the state of contractor account)

NEEPCO North Eastern Electric Power Corporation New Delhi

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
KPC, KIMI, A.P.
PAYMENT VOUCHER

Payable to Singli Hagam.

Vendor / Emp.Code No. 1 0 4 5 2 0 MIRO No.

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
Ramp R&B.	4 0 9 0 0 0 3	109228.00		
TO R.Room	2 0 7 0 7 2 9		6037.00	
TO Cord.	2 0 7 0 7 2 6		1093.00	
TO KPK	2 0 7 0 8 3 1		4032.00	
TO Sundepot	2 0 6 2 0 1 1		10923.00	
TO Bank.	1 0 8 2 1 3 2			87143.00
Document No.	5 1 0 5 6 2 5 7 4 8			
S.D. Document No.	2 3 1 7 0 0 2 0 3 5		1	1
	Total	109228.00	22085.00	87143.00

Receipt — Rupees Eighty Seven Thousand One Hundred Forty three only.

Narration Payment made against Cost of Gabion Pitching in the approach Road to Plunge pool Worksite from Ch. 30.50m to Ch. 47.50m (Right Side).

Passing Record

Prepared AA/Accountant

Checked by AAO/Sr. Accountant

Passed by

AAO ..... AO .....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N : 2 2 1 5 0 2 5 5 2 8

Date :

Cheque No : C M P 3 8 1 6

Date 2 5 1 1 2 0 0 3

Cashier ..... Sr. Acctt. .....

AAO / AO / AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

NEEPCO Schedule II - Works 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 the Contractor or Supplier :-Shri Singli Hagam. Bichom Village. Dist.-West Kameng. Arunachal Pradesh.

Name of Works :-"Construction of Gabion Wall in the approach road to Plunge Pool work site from Chainage 30.50m to Chainage 47.50m (Right side)"

Purpose of Supply :-

Serial No. of this Bill Work :-First & Final (Measured).Bill

Reference of Agreement :- NEEPCO/KaHPS/HSM-I(B&T)/T-07/2023-24/65 Dated . 03/11/2023

Reference of work order :- NEEPCO/KaHPS/HSM-I(B&T)/W-11/2023-24/1160 Dated .02/11/2023

Date of actual completion of work :- Dated 29/05/2023

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 sub heades" 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
Cum	16.320	**Item No : 1** Excavation for Structures (Earth work in excavation ..... the remaining earth locally for road work.) (i) Ordinary soil A.Manual Means (Depth upto 3 m) 1). For Gabion Wall Foundation	355.00	5,793.60	0.00	Certified that :- 1). The work has been completed as per specification and instruction of Engineer in charge at site. 2). All labour engaged are Indian citizen and above 18th year of age. 3). No T&P and store materials were issued to the contractor. 4). The contractor has not engaged any migrated labour for this works.
Cum	33.150	**Item No 2:** Gabion structure for retaining earth ....., to be tied with 4 mm galvanised steel wire 1) For Gabion Wall	2876.00	95,339.40	0.00	
Tone	0.473	**Item No 3:** Loading and Unloading of Cement / Steel / ..... and Timber etc, by Manual Means and Stacking for hill roads 1). For Steel Wire	265.00	125.35	0.00	
Tone	0.473	**Item No 4:** Cost of Haulage Excluding Loading and Unloading on hill roads. ..... cost of loading, unloading and stacking i) Surface road ii) Unsurfaced Gravel Road a) Surface road= Carriage of Steel Wire from Balpara to site (Distance = 105 Kms) =105 km @ 10.50 = Rs 1102.50/Ton/Km 1). For Steel Wire	1102.50	521.48	0.00	
Tone	.0473	b). Unsurface Gravel road= Carriage of Steel Wire from Balpara to site (Distance = 40.00 Kms) =40.00 km @ 12.70 = Rs 508.00/Ton/Km 1) For Steel Wire	508.00	240.28	0.00	
Tone	86.522	c) Carriage of Stone Boulder from Stone Quarry to site (Distance = 11.0 Kms) =11.0 km @ 12.70 = Rs 139.70/Ton/Km 1). For Stone Boulder	139.70	12,087.12	0.00	
Cum	38.454	**Item No 5:** Loading and Unloading of Stone Boulder / Stone aggregates / Sand ..... by Manual Means for hill roads 1). For Boulder	214.00	8,229.16	0.00	
		Carried Over to Page 2.....		122336.39	0.00	

* 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-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 measurement book)	Item of work or supplies (Grouped"under sub heades" 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
		Brought Foroward		1,22,336.39	0.00	
			Total value of work done = Rs	1,22,336.39	0.00	
			Deduct- value of work or supplies shown on previous bill	0.00		
			Net value of work Including GST @ 12% = Rs	1,22,336.39		
			Say = Rs	1,22,336.00		(A)
			Value of work excluding GST @ 12% = [(Rs 1,22,336.00 x 100)/112] = Rs	1,09,228.57		(B)
			Add GST @ 18% of 'B' = [(Rs 1,09,228.57 x 18%] = Rs	19,661.14		(C)
			Total Payable Amount including GST @ 18% = (Rs 1,09,228.57 + Rs 19,661.14) = Rs	1,28,889.71		(D)
			Say = Rs	1,28,890.00		
		Carried Over to Page 3.....		1,28,890.00	0.00	

Unit	Quantity executed(Or supplied up to date as per measuremen	Item of work or supplies (Grouped"under sub heades" 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
		Brought Foroward		1,28,890.00	0.00	
Total value of work done or supplies to date				1,28,890.00	0.00	
Deduct- value of work or supplies shown on previous bill				0.00		
Net value of work or supplies since previous bill				1,28,890.00		
Total Payable Amount inclusive of GST @18% = Rs				1,28,890.00		

Figure (F) in words. (Rupees One Lakh Twenty Eight Thousand Eight Hundred Ninety only

II - Certificates and signature

The measurement were made by me on and are recorded at page 41 to 57 of measurement Book No 11351 No advance payment has been made previously without detailed measurements.

6/11/23

Dy. Manager (C)
HSM-I (B&T). KaHPS.
NEEPCO Ltd., Tezpur (A.P.)

Dated Signature of Officer preparing payment

(Rank) .....Sub division .....Division

09/11/2023

DGM(C)/Manager HSM-I (B&T)
KAHPS. NEEPCO Ltd., Bichom (A.P.)

Thumb impression or
Dated signature of Contractor

*Dated signature of Officer

6/11/2023

Chief Manager (C)
Head of Department
KaHPS.
NEEPCO Ltd., Kimi (A.P.)

*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

W/O No. NESPCO/Kalka/Mech-1/Cantt-11/2022-23/1160 dtd. 2/11/22

III - Memorandum of Payments

1.Total value of work actually measured,as per act,I.Col.5 Entry (A) Rs. 109228'00

2.Deduct amount witheld:-

Figure of Works Abstract		Rs P		Rs P
	(a) From previous bill as per last Running Account bill			
	(b) From this bill		2	
		(K)		
	(3) Balance, i.e 'Up to date' payment (item 1.....2)			
	(4) Total amount payments already made as per entry (k)of last Running Account Bill No Forwaded with accounts		AP	
	(5) Payment now to be made as detailed below:-	Rs P		
	By recovery of amounts creditable to ~~Capital~~ (R) to this work:-			
	(a) Value of stock supplied as detailed in the Ledger in	6027 00		
	Ditto in.....	1093 · 00	(a)	
	Ditto in.....	4032 · 00		
	Total 2(b)+5 –(G)	11152 · 00	5	
		See deposit 10923 · 00		(-) 22085 · 00
	(b) By recovery of amounts creditable to the work or heads of accounts:- "Deposits" By Cheque		(b)	57149 · 00
	(c) Total 5 (b)+ (5)– (H)			

Received Rs.* Rupees Eighty Seven Thousand Two Hundred Forty Nine Only as per above memorandum (Amount in vernacular)
on account of this work

Left hand Thumb impression

Stamp

Dated:-The

*Witness

Full signature of Contractor

Paid by me, vide cheque No. dated

(Dated initial of person actually making the payment) Cashier

This figure should be tested to see that is agrees with the total of items 4 and 5 . If that net amount to be paid is less than Rs.10/- and it can be included in a cheque the payment should be made in cash,this entry being altered suitably and the alteration attested by dated initials.

*Here specify the net amount payble-vide item 5(c)

The payees acknowledgement should be for the gross amount paid as item 5 (i.e.a+b+c)

*Payment should be attested by some know person when the payee's acknowledgement is given by a mark, seal or thumb impression

*Not required in case of bill of suppliers.

IV -- REMARK

(This space is required for any remarks, which the disbursing Officer or the Executive Engineer may wish toward in respect of the execution of the work. Cheque of measurements of the state of contractor account)

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

KPC, KIMI, A.P.

PAYMENT VOUCHER

Payable to Shreeh Bachung

Vendor / Emp.Code No. 1 0 2 6 1 3 MIRO No.

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
Ram of RAB.	4 0 9 0 0 0 3	230139·00		
TO ED (M)	2 0 7 0 7 2 1		3359·00	
To CEE	2 0 7 0 7 2 6		2302·00	
To EPF	2 0 1 0 2 3 1		5696·00	
To Security deposit	2 0 6 2 0 1 1		23014·00	
TO Bank	1 0 2 2 1 3 2			195768·00
Document No.	5 1 0 5 6 2 5 6 2 2			
S.D. Document No	2 3 1 7 0 0 2 0 2 0.			
	Total	230139·00	34371·00	195768·00

Receipt — Rupees One Lak Ninety five Thousand Seven Hundred Sixty eight Only.

Narration Payment made against construction of pile foundation in the approach to Bridge pool work at the proposed 33 KV Sub-Station (Right Side).

Passing Record

Prepared AA/Accountant

Checked by AAO/Sr. Accountant

Passed by

AAO ..... AO .....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N : 2 3 1 5 0 2 5 2 1 0

Date :

Cheque No.: CMP 8 7 5 [illegible]

Date : 2 2 - 1 1 - 2 0 2 3

Cashier ..... Sr. Acctt. .....

AAO / AO / AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

NEEPCO Schedule II - Works 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.

Cach Book Voucher No. Date:-

Name of the Contractor or Supplier :-Shri Suresh Bachung. Bichom Village. Dist.-West Kameng. Arunachal Pradesh.

Name of Works :-"Construction of PCC Side Drain in the approach road to Plunge Pool work site from Chainage 96.00m to Chainage 218.00m (Right side)"

Purpose of Supply :-
Serial No. of this Bill Work :-First & Final (Measured).Bill
Reference of Agreement :- NEEPCO/KaHPS/HSM-I(B&T)/T-07/2023-24/73 Dated . 04/11/2023
Reference of work order :- NEEPCO/KaHPS/HSM-I(B&T)/W-11/2023-24/1221 Dated .04/11/2023
Date of actual completion of work :- Dated 13/06/2023

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 sub heades" and "sub work" of estimate)	Rate	Amount		Remarks
				Up to date	*Since previous bill(Tetal for each sub-head)	
1	2	3	4	5	6	7
		Item No : 1 Excavation for Structures (Earth work in excavation of foundation of structures as per drawing ..... and utilising the remaining earth locally for road work.) (ii) Ordinary rock (not requiring blasting) (A) Manual Means (Depth upto 3 m)				
Cum	42.548	1). For Side Drain Foundation	444.00	18,891.31	0.00	
		Item No 2: PCC 1:3:6 in Foundation (Plain cement concrete 1:3:6 nominal mix in foundation placed in foundation and compacted by vibration including curing for 14 days.)				
Cum	24.339	1). For Side Drain	6578.00	1,60,101.94	0.00	
		Item No 3: Centering and shuttering including struting, propeg etc and removal of form work for b). Walls including attached buttresses, pilasters etc				
Sq.m	107.360	1). For Side Drain	474.80	50,974.53	0.00	Certified that :-
		Item No 4: Loading and Unloading of Cement / Steel / and Timber etc by Manual Means and Stacking for hill roads				1). The work has been completed as per specification and instruction of Engineer in
Tone	5.355	1). For Cement	265.00	1,419.08	0.00	charge at site.
		Item No 5: Cost of Haulage Excluding Loading and Unloading on hill roads ..... cost of loading, unloading and stacking i). Surface road ii) Unsurfaced Gravel Road a) Surface road= Carriage of Cement from Balpara to site (Distance = 105 Kms) =105 km @ 10.50 = Rs 1102.50/Ton/Km				2). All labour engaged are Indian citizen and above 18th year of age. 3). No T&P and store materials were issued to the contractor. 4). The contractor has not engaged any migrated labour for this works.
Tone	5.355	1). For Cement	1102.50	5,903.89	0.00	
		b) Unsurface Gravel road= Carriage of Cement from Balpara to site (Distance = 40.00 Kms) =40.00 km @ 12.70 = Rs 508.00/Ton/Km				
Tone	5.355	1). For Steel Wire	508.00	2,720.34	0.00	
		c). Carriage of Stone Aggregate from Stone Quarry to site (Distance = 11.0 Kms) =11.0 km @ 12.70 = Rs 139.70/Ton/Km				
Tone	25.191	1). For Sand	139.70	3,519.18	0.00	
Tone	50.382	1). For Stone Aggregate	139.70	7,038.37	0.00	
		Item No 5: Loading and Unloading of Stone Boulder / Stone aggregates / Sand by Manual Means for hill roads.				
Cum	11.196	1). For Sand	214.00	2,395.94	0.00	
Cum	22.392	1). For Stone Aggregate	214.00	4,791.89	0.00	
		Carried Over to Page 2.....		257756.47	0.00	

* 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-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 measurement book)	Item of work or supplies (Grouped"under sub heades" 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
		Brought Foroward		2,57,756.47	0.00	
		Gross value of work done = Rs		2,57,756.47	0.00	
		Deduct- value of work or supplies shown on previous bill		0.00		
		Net value of work Including GST @ 12% = Rs		2,57,756.47		
		Say = Rs		2,57,756.00		(A)
		Value of work excluding GST @ 12% = [(Rs 2,57,756.00 x 100)/112] = Rs		2,30,139.29		(B)
		Add GST @ 18% of 'B' = [(Rs 2,30,139.29 x 18%] = Rs		41,425.07		(C)
		Total Payable Amount including GST @ 18% = (Rs 2,30,139.29 + Rs 41,425.07) = Rs		2,71,564.36		(D)
		Say = Rs		2,71,564.00		
		Carried Over to Page 3.....		2,71,564.00	0.00	

Unit	Quantity executed(Or supplied up to date as per measuremen	Item of work or supplies (Grouped"under sub heades" 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
		Brought Foroward		2,71,564.00	0.00	
Total value of work done or supplies to date				2,71,564.00	0.00	
Deduct- value of work or supplies shown on previous bill				0.00		
Net value of work or supplies since previous bill				2,71,564.00		
Total Payable Amount inclusive of GST @18% = Rs				2,71,564.00		

Figure (F) in words. (Rupees Two Lakh Seventy One Thousand Five Hundred Sixty Four) only

II - Certificates and signature

The measurement were made by me on and are recorded at page 06 to 26 of measurement Book No. 11352 No advance payment has been made previously without detailed measurements.

6/11/23

Dy. Manager (C)
HSM-I (B&T), KaHPS.
NEEPCO Ltd., Distt. Service (A.P.)

Dated Signature of Officer preparing payment

(Rank)
.....Sub division
.....Division

DGM(C)/In charge HSM-I (B&T)
KAHPS, NEEPCO Ltd., Silchar (A.P.)

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

WO No NH-I-F(01)(WO)/2022-23/1320/1321/W-III/2022-24/12310/Dd. 04.11.2023.

Page No:- 4

III - Memorandum of Payments

1.Total value of work actually measured,as per act.I Col.5 Entry (A) Rs 230139.00

2.Deduct amount witheld:-

Figure of Works Abstract

(a) From previous bill as per last Running Account bill
(b) From this bill .....

(K) Rs P — 2

(3) Balance, i.e 'Up to date' payment (item 1....2) Rs P: 230139.00

(4) Total amount payments already made as per entry (k)of last Running Account Bill No Forwaded with accounts

(5) Payment now to be made as detailed below:-

By recovery of amounts creditable to to this work:-

(a) Value of stock supplied as detailed in the Ladger in .....
Ditto in.....
Ditto in.....

(a) Rs P: 3259.00, 22900, 2696.00 — 5 — 34371.00 (-) 24370.00

Total 2(b)+5 --(G) 230140.00

(b) By recovery of amounts creditable to the work or heads of accounts:-
"Deposits"
By Cheque

(b) Rs P: 24370.00, 195768.00

(c) Total 5 (b)+ (5)-- (H)

Received Rs.* (Rupees One Lakh Ninety five Hundred Seven Hundred Sixty only) as per above memorandum on account of this work (Amount in vernacular)

Left hand Thumb impression

Stamp

Dy. M.E.

Full signature of Contractor

Dated:-The
*Withness

Paid by me, vide cheque No. dated

Cashier

(Dated initial of person actually making the payment)

This figure should be tested to see that is agrees with the total of items 4 and 5 . If that net amount to be paid is less than Rs.10/- and it can be included in a cheque the payment should be made in cash this entry being altered suitably and the alteration attested by dated initials.
*Here specify the net amount payble-vide item 5(c)
The payees acknowledgement should be for the gross amount paid as item 5 (i.e.a+b+c)
*Payment should be attested by some know person when the payee's acknowledgement is given by a mark, seal or thumb impression
*Not required in case of bill of suppliers.

IV – REMARK

(This space is required for any remarks, which the disbursing Officer or the Executive Engineer may wish toward in respect of the execution of the work. Cheque of measurements of the state of contractor account)

Annexure 4

Contract

GeM

Contract No: GEMC-511687716756117
Generated Date: 13-Dec-2021
Bid/RA/PR No: GEM/2021/B/1499809

Organisation Details

Type:	Central PSU
Ministry:	Ministry of Power
Department:	Hydro Power
Organisation Name:	North Eastern Electric Power Corporation Limited
Office Zone:	Contracts and Procurement department shillong

Buyer Details

Designation:	Sr Manager Civil
Contact No:	364-2300361
Email ID:	kamal.kr.neepco@nic.in
GSTIN:	-
Address:	Near Bus Compound, Lower New Colony, Shillong, EAST KHASI HILLS, MEGHALAYA, 793003, India

Financial Approval Detail

PID Concurrence:	No
Designation of Administrative Approval:	Director (Technical)
Designation of Financial Approval:	CGM(Fin) Concurrence

Paying Authority Details

Payment Mode:	Indirect Banking
Designation:	DGM Finance
Email ID:	sdthingey.neepco@nic.in
GSTIN:	12AAACN9991J1Z1
Address:	Kamaing I.E Project, Kms, West Kameng District, Arunachal Pradesh, West Kameng, ARUNACHAL PRADESH, 790112, India

Seller Details

GeM Seller ID:	[illegible]
Company Name:	[illegible] LIMITED
Owners S/S:	[illegible]
Email ID:	[illegible]
Address:	130-131 OFF TOWERS,SATELLITE ROAD SATELLITE, [illegible], GUJARAT 380015,
MSME verified:	Yes
MSME Registration number:	[illegible]
MSE Social Category:	General
MSE Gender:	Male
GSTIN:	[illegible]

*GST / Tax invoice to be raised in the name of - Consignee

Product Details

#	Item Description	Category Name & Quadrant	Model	HSN Code	Ordered Quantity	Unit	Lead Time(Days)	Price (Inclusive of all Duties and Taxes in INR)
1	**Product Name :** Automatic Weather Station (AWS) at Bichom Dum Catchment Area, Kameng H.E. Plant, Arunachal Pradesh **Brand :** KAL **Brand Type :** Unbranded **Catalogue Status :** Catalogue not verified by OEM **Selling As :** Reseller not verified by OEM	BOQ-(23)	KWS 101	85171890	1	No.		1448,500
2	**Product Name :** Central Data Receiving and Archiving System at Bichom Dum Catchment Area, Kameng H.E. Plant, Arunachal Pradesh **Brand :** KAL **Brand Type :** Unbranded **Catalogue Status :** Catalogue not verified by OEM **Selling As :** Reseller not verified by OEM	BOQ-(23)	KSWBM500	85171890	1	No.		116,500
Total Order Value (in INR)								1,785,000

Consignee Detail

S.No	Consignee	Item	Lot No.	Quantity	Delivery Start After	Delivery To Be Completed By
	Designation: [illegible] Contact: 03787 223504 GSTN: Address: [illegible]	Automatic Weather Station (AWS) at Bichom Dum Catchment Area, Kameng H.E. Plant, Arunachal Pradesh.		1	5 Dec 2021	11 Jan 2022
		Central Data Receiving and Archiving System at				

NEEPCO Shillong Near Delhi Power Corporation

	NEEPCO Ltd., West Kameng District, Arunachal Pradesh, PO: Bomdilla, Pin: 790001, WEST KAMENG, ARUNACHAL PRADESH-790001, India	Bichom Dam Catchment Area, Firming of E Plant, Arunachal Pradesh.	-	1	1 Unit 2021	31-Jan-2022

Specification 1

Specification Document

Buyer BOQ Document

Seller BOQ Document

Note: Seller has given an undertaking that it has made arrangements for getting the items from an authorized distributor / valid / retained parties of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of OEM invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.

Corrigendum

1. GeM-Bidding-Corr-2467852-1.pdf click here
2. **Extended Upto :** 2021-09-27 14:00:00

Terms and Conditions

1. General Terms and Conditions-

1.1 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) as available on the GeM portal (unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

1.2 Terms of delivery: Free Delivery at Site including loading/unloading. In respect of items requiring installation and / or commissioning and other services in the scope of supply (as indicated in respective product category specification - STC / AFC), and the cost of the same is also included in the Contract price.

1.2.1 Contracted goods should be delivered at the consignee or designated delivery location as per the working time of the buying organisation. Seller may get the same confirmed from consignee before scheduling delivery.

1.2.2 A copy of the contract should be available with the messenger / dispatching agency that delivers the Goods at consignee / delivery location (preferably pasted / attached outside the consignment / package) for easy reference and ease in delivery acceptance.

1.3 Delivery period: The Delivery Period/Time shall be essence of the Contract and delivery must be completed not later than such date(s). Any modification thereto shall be mutually agreed and incorporated in the Contract as per the provisions of the GTC.

1.4 Performance Security: If the Seller fails or neglects to observe or perform any of his obligations under the contract it shall be lawful for the Buyer to forfeit either in whole or in part, the Performance Security furnished by the Seller.

1.5 Taxes and Duties: Contract Prices are all inclusive i.e. including all taxes, duties, local levies / transportation / loading-unloading charges etc. Break up of GST shall be indicated by the Seller while raising invoice / bill on GeM. While submitting the bill / invoice Seller shall undertake that the Goods and Services Tax (GST) charged on this bill is not more than what is payable under the provision on the relevant Act or the Rules made there under and that the Goods on which GST has been charged have not been exempted under the GST Act or the Rules made there under and the charges on account of GST on these goods are correct under the provision of that Act or the rules made there under.

1.6 Octroi Duty and / or other local taxes: Contract Prices are all inclusive hence no reimbursement over and above the contract price(s) shall be allowed to seller towards payment of local taxes (such as levy of town duty, Octroi Duty, Terminal Tax and other levies of local bodies etc).

1.7 Limitation of Liability: The provisions of limitation of liability between Buyer and Seller as given in the GTC shall be applicable here.

1.8 Resolution of disputes: The provisions of DISPUTE RESOLUTION BETWEEN BUYER AND SELLER as given in the GTC shall be applicable here.

1.9 Liquidated Damages: If the Seller fails to deliver any or all of the Goods/Services within the original/re-fixed delivery period(s) specified in the contract, the Buyer will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value without any controversy/dispute of any sort whatsoever. In case, Service Level Agreement (SLA) is applicable the same shall be applicable for the Contract.

1.10 Financial Certificate:

1.10.1 The expenditure involved for this purpose has received the Sanction of the competent financial authority.

1.10.2 The funds are available under the proper head in the sanction budget allotment for the concern financial year.

1.10.3 I have been fully authorized by the department to sign the supply order or incur the liability of the Goods being ordered.

1.11 The bidder should submit a self declaration to the effect in bidder's official letter head that their agency have not been black listed by any Agency whatsoever till date.

2. Buyer Added Bid Specific Terms and Conditions-

2.1 Bidder financial standing: The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

2.2 Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

2.3

Bidder shall submit the following documents along with their bid for Vendor Code Creation:

a. Copy of PAN Card.

b. Copy of GSTIN.

c. Copy of Cancelled Cheque.

d. Copy of EFT Mandate duly certified by Bank.

2.4 Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

2.5 Experience Criteria: The Bidder or its OEM (themselves or through reseller(s)) should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for 1 year before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.

2.6 Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.

2.7

In case the bidder is not able to furnish its audited financial statements on standalone entity basis, the unaudited unconsolidated financial statements of the bidder can be considered acceptable provided the bidder furnishes the following further documents on substantiation of its qualification:

• Copies of the unaudited unconsolidated financial statements of the bidder along with copies of the audited consolidated financial statements of the Holding Company.

• A certificate from the CEO/CFO of the Holding Company as per the format enclosed in the bid documents stating that the unaudited unconsolidated financial statements form part of the consolidated annual report of the company.

• In case where audited results for the last financial year as on the date of Techno Commercial Bid Opening are not available, the financial results certified by a practicing Chartered Accountant shall be considered acceptable. In case, Bidder is not able to submit the Certificate from practicing Chartered Accountant certifying its financial parameters, the audited results of three consecutive financial years preceding the last financial year shall be considered for evaluating the financial parameters. Further, a certificate would be required from the CEO/CFO as per the format enclosed in the bidding documents stating that the financial results of the Company are under audit as on the date of Techno-Commercial Bid Opening and the Certificate from the practicing Chartered Accountant certifying the financial parameters is not available.

Note: (i) Other income shall not be considered for arriving at annual turnover.

2.8

Malicious Code Certificate:

The seller should upload following certificate in the bid:-
(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-
(i) Inhibit the desires and designed function of the equipment.
(ii) Cause physical damage to the user or equipment during the exploitation.
(iii) Tap information resident or transient in the equipment/network.
(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPR) are caused due to activation of any such malicious code in embedded software.

2.9 Products supplied shall be nontoxic and harmless to health. In the case of toxic materials, Material Safety Data Sheet may be furnished along with the material.

2.10 Supplier shall ensure that the invoice is raised in the name of Consignee with GSTIN of Consignee only.

2.11 1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.

2.12 Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:
i) The Seller fails to comply with any material term of the Contract.
ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
iv) The Seller becomes bankrupt or goes into liquidation.
v) The Seller makes a general assignment for the benefit of creditors.
vi) A receiver is appointed for any substantial property owned by the Seller.
vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

2.13 Scope of supply (Bid price to include all cost components) : Supply, Installation, Testing, Commissioning of Goods and Training of operators and

providing Statutory Clearances required (if any)

2.14 Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

2.15 OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.

2.16 IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.

2.17 Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 100% of total value.

2.18

Purchase Preference linked with Local Content (PP-LC) Policy:

The bid clause regarding "Preference to Make in India products" stands modified in this bid and shall be governed by the PPLC Policy No. FP-20013/2/2017-FP-PNG dated 17.11.2020 issued by MoP&NG as amended up to date. Accordingly, bidders with Local Content less than or equal to 20% will be treated as "Non Local Supplier". The prescribed LC shall be applicable on the date of Bid opening. Sanctions on the bidders for false / wrong declaration or not fulfilling the Local Content requirement shall be as per the PPLC policy. Further following additional provisions are added in the certification and verification of local content provision of the Preference to Make in India clause:

i. In case of foreign bidder, certificate from the statutory auditor or cost auditor of their own office or subsidiary in India giving the percentage of local content is also acceptable. In case office or subsidiary in India does not exist or Indian office/subsidiary is not required to appoint statutory auditor or cost auditor, certificate from practicing cost accountant or practicing chartered accountant giving the percentage of local content is also acceptable.
ii. Along with Each Invoice: The local content certificate (issued by statutory auditor on behalf of procuring company) shall be submitted along with each invoice raised. However, the % of local content may vary with each invoice while maintaining the overall % of local content for the total work,purchase of the pro-rata local content requirement. In case, it is not satisfied cumulatively in the invoices raised up to that stage, the supplier shall indicate how the local content requirement would be met in the subsequent stages.
iii. The bidder shall submit an undertaking from the authorized signatory of bidder having the Power of Attorney along with the bid stating the bidder meets the mandatory minimum LC requirement and such undertaking shall become a part of the contract.

2.19 Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

2.20 Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

2.21 Warranty period of the supplied products shall be 3 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

2.22 Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.

2.23 For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
a. Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
b. Execution certificate by client with order value.
c. Any other document in support of order execution like third Party Inspection release note, etc.

2.24 Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name NEEPCO Ltd, Account No. 10881522463 IFSC Code SBIN0000181 Bank Name State Bank of India Branch address Main Branch, Shillong. Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.

2.25 NET WORTH: Net Worth of the OEM should be positive as per the last audited financial statement

2.26 Buyer Added text based ATC clauses

A. Qualifying Requirement of Bidders:

1. General Qualifying Requirement:

(i) A bidder shall be either a manufacturer of Automatic Weather Station (AWS) or an

authorised dealer of the manufacturer. The manufacturer or the dealer shall have Sales and full-Service facilities in India. The authorised dealers shall submit a valid dealership certificate issued by OEM.

(ii) A bidder shall fulfil the General, Technical and Financial QR.

(iii) Bidder shall be either 'Class-I local supplier' or 'Class-II local supplier' as defined in Clause No. 3(b) of 'Public Procurement (Preference to Make in India), Order 2017, issued vide Order No. P-45021/2/2017-PP(BE-II) dated 16/09/2020 of Department for Promotion of Industry and Internal Trade (Public Procurement Section), Ministry of Commerce and Industry, Government of India, read in conjunction with Clause No. 3(iii) of Order No. 11/05/2018-Coord. Dated 17-09-2020 of Ministry of Power, Government of India.

2. Technical Qualifying Requirement:

(i) The bidder shall have experience of successful completion of the similar work(s) demonstrating satisfactory performance for a continuous period of atleast 6 months following the date of completion, fulfilling any one of the following during the last 7 (seven) years, ending on the last day of the month previous to the one in which the tender is invited:

(a) 1(one) similar completed works costing not less than Rs. 8,56,000/-.

Or,

(b) 2(two) similar completed works each costing not less than Rs.5,35,000/-.

Or,

(c) 3(three) similar completed works each costing not less than Rs.4,28,000/-.

Similar works are defined as *"Those works involving installation of AWS comprising of equipment/ sensors required for meteorological observations such as rainfall, temperature, humidity etc. integrated with data acquisition system and their communication system having simultaneous data transmission using Satellite & GSM/GPRS technology."*

Documentary evidence in support of the above experience indicating details like value of works executed, name of the clients/employers, proof of satisfactory completion of work, shall be furnished along with the Techno-commercial bids for estabishing eligibility. The documents should be in the form of Work Orders/Supply Orders, Certificate from Clients/ Owner on successful Completion and Satisfartary Performance of contract etc. Along with the experience certificate, the bidder shall have to submit the technical details of the installed equipment.

3. <u>For Relaxation of Norms for Startups and Micro & Small Enterprises (MSEs) on Prior Experience - Prior Turnover Criteria.</u>

In line with the Policy Circular No. 1(2)(1)/2016-MA dated 10th March, 2016 of the Ministry of Micro, Small & Medium Enterprises on "Relaxation of Norms for Startups and Micro & Small Enterprises in Public Procurement on Prior Experience and Prior Turnover Criteria" and as per Section 2.1(5) of "Action Plan for Startup India" announced by the Government of India in Jan 2016, the Criteria of Prior Turnover and Prior Experience are exempted for the Startups and Micro & Small Enterprises, subject to meeting of quality and technical specifications.

Accordingly, Startup/MSE bidders shall be offered exemption from Prior Experience Criteria, provided the bidder submits document such as Startup/MSE registration certificate to prove bidder's registration in trade/activity similar to the tendered job.

Startup/MSE bidders shall be offered exemption from Prior Turnover Criteria, provided the bidder submits document such as Startup/MSE registration certificate.

The definition of "Startups" is as per the Gazette Notification of the Ministry of Commerce and Industry (Department of Industrial Policy and Promotion) dated 17th February 2016 and all other subsequent directives/guidelines thereof. The Startup Enterprises shall submit startup India recognition certificate issued by Department of Industrial Policy and Promotion (DIPP) of Ministry of Commerce & Industry in order to be considered for relaxation in prior experience and prior turnover.

C. <u>Disqualification/ Ineligibility of Bidders:</u>

Even though the bidders, whether individual/ Company/ Firm, meet qualifications/qualifying criteria, they are subject to be disqualified if they either directly in its own name or indirectly in any other name in carrying out of its business have:

(a) been chargesheeted by any Investigating Agencis of Central/State Government or in any Criminal, Fraud, Corruption Cases or Charges that may be proceeding against them in a Court of Law as on the latest date of submission of Bid.

(b) been involved in the Corrupt or Fraudulent or collusive or coercive Practices; and/or

(c) made misleading or false representation(s) in the forms, statements and attachments submitted in proof of the qualification requirements; and/or

(d) been legally barred from the procurement process in India on any grounds including previous violations of regulations on fraud and corruption.

(e) been either declared ineligible/ blacklisted /terminated/ debarred from qualification, participating/ or bidding in/award of tenders/ projects/ works/ bids, or had any record of poor performance/poor workmanship/ defaults/ failure in execution of awarded works, discharge of any obligations or abandonment of any works/contracts awarded by NEEPCO or the Govt. of India or State Government or Govt. Organisations (Central as well as State) or Govt. Departments (Central as well as State) or any PSU (Central as well as State) or World Bank or Asian Development Bank or autonomous Bodies or Statutory Corporations and Companies or Statutory Authorities or other Govt. Authorities, as on the latest date of submission of bids.

A Declaration to this effect (Sl. a, b, c, d & e above) towards fulfilling eligibility of bidders as per format given in ATC document attached with the GeM Bid Document shall be submitted by the bidders.

D. <u>Additional Terms and Conditions:</u>

(i) The bidder shall submit a Self-declaration/ Certificate to ensure that the equipment that he is

proposing for the instant work is technically compatible with the specification included in the tender documents and the system shall be completed in all respect.

(ii) The bidder shall submit a satisfactory performance certificate for a minimum 6 month's period from their Clients/ Owners on the installed product/ contracts against their submitted experience certificate.

(iii) The period of validity of the dealership certificate issued by OEM to the authorised dealer and certificate of assured supply of equipment during the warranty period is to be ensured by the OEM.

(iv) Bidders shall, as part of their bid, submit a written Power of Attorney/ Authorization Certificate, authorizing the signatory of the bid to commit on behalf of the bidder.

2.27 Buyer uploaded ATC document Click here to view the file.

2.28 OPTIONAL SITE VISIT:

1. The Bidder is advised to visit and examine the installation site and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the Bid. The costs of visiting the site shall be borne by the Bidder. yes

2. The Bidder representative shall be allowed entry upon consignee premises for such visits, only upon the express conditions that the Bidder will release and indemnify the Buyer and Consignee against all liabilities arising out of such visit including death or injury, loss or damage to property, and any other loss, damage, costs, and expenses incurred as a result of such visit.

3. The Bidder shall not be entitled to hold any claim against Buyer for noncompliance due to lack of any kind of pre-requisite information as it is the sole responsibility of the Bidder to obtain all the necessary information with regard to site, surrounding, working conditions, weather etc. on its own before submission of the bid.

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.

Final Bill summary OMIL -PKG-IV

OMIL JV-FINAL BILL	AMOUNT(RS.)
101ST RA(FINAL) BILL	11781642
37TH RA ESCALLATION(FINAL) BILL	11224403
TOTAL BILL VALUE	23006045
ALREADY PROVISION	17330900.37
TO BE PROVISION	5675144.63

27/10/24

Dy. Manager (F)
Kameng H.E. Project KPC
NEEPCO Ltd. Kmi (A.P.)

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
(A Govt. of India Undertaking)
KAMENG HYDRO POWER STATION
West Kameng District, Arunachal Pradesh 790114

PAY ADVICE

NAME OF THE PROJECTS/OFFICES: KAMENG HYDRO ELECTRIC PROJECT,KIMI,A.P.

SAP CODE:2051100 (VENDOR CODE: 500430)
SAP Doc. NO- 2301021263 Rs 10748789
2301021264 Rs.11282418

PAY ADVICE NO: 38 DATE: 08.02.2024

	SL. NO.	Name of Party	INVOICE No/RA BILL No.& Date	Name of the Works/ Packages	Budgetary Heads of Accounts	Budget Allocation for the F.Y.2023-24 (₹ in lakhs)	Cumulative expenditure(F.Y.2023-24) (₹ in lakhs)	Balance amount of Budget for the year	Due date for payment	Remarks
1	1	M/S OMIL+JSC-JV , NEW DELHI	37th RA Escalation bill and final. 101st RA [illegible] Final bill.	Pkg-IV	Hydro Mechanical Works				09.02.2024	

2	BENEFICIARY NAME	NAME OF THE BANK & BRANCHE ADDRESS	TYPES OF ACCOUNT	ACCOUNT NO.	IFS CODE	AMOUNT(Rs.)
	M/S OMIL+JSC-JV , NEW DELHI	STATE BANK OF INDIA	CURRENT ACCOUNT	51025881843	SBIN0031580	22031207.00

Amount in words: Rupees Two Crore Twenty lakhs Thirty one thousand two hundred seven only.

N.B.: Pay Advice is to be issued vendor/contractor -wise

Signature
Name: ASHOK KUMAR SAIKIA
Designation: Dy. MANAGER(FIN)

Signature
Name: BHASKAR GOSWAMI
Designation: GEN. MANAGER(E/M)/ HOP
KaHEP, NEEPCO Ltd., Kimi (A.P)

TO BE USE IN CORPORATE TREASURY ,SHILLONG	(PAYMENT DETAILS)	
Matfin Voucher No.	Date	Cheque/RTGS/NEFT
SL.VR.No.	Date	Bank

Signature

≈ 350 ≈

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
KPC, KIMI, A.P.
JOURNAL VOUCHER

GLV No. : ..... Books J.V. No. 2 3 0 1 0 2 1 2 6 4

Vendor : 5 0 0 4 3 0 J.V. Date

Particulars	Code No.	Debit Amount Rs.	P.	Credit Amount Rs.	P.
Sundry creditor(c) (Constn. of PKG-IV works)	2 0 5 1 1 00	1,17,81,642	00		
To Cess	2 0 7 0 7 26	—		99,845	00
" TDS-CGST	2 0 7 0 2 18	—		99,845	00
" TDS-SGST	2 0 7 0 2 19	—		99,845	00
" Income Tax (c)	2 0 7 0 2 01	—		1,99,689	00
To Sundry Creditor	2 0 5 1 1 00	—		1,12,82,418	00
Passing Record	TOTAL	1,17,81,642	00	1,17,81,642	00

Narration : Being the provision made towards enclosed bill (10 1st and Final RA) for the work design, fabrication, erection & commissioning of Penstock steel liner and all Hydro mechanical works under PKG-IV works in favour of M/s OMIL JSC-JV as per enclosed details.

Prepared
AA/Accountant

Checked by
Sr. Accountant

Passed by

AAO ..... AO .....

AM(F) / DM(F) / M(F) Sr M (Fin) / DGM(F)

P.O.no.- 3700008055 SES.no - 1000035695

NEEPCO Schedule II- Works 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.

Dated 09-01-2024

Cash Book Voucher No

Name of Contractor or Supplier- **M/S OMIL + JSC - JV, New Delhi, Camp-Kimi .**

Name of work :-Design, fabrication, errection & commissioning of Penstock Steel Liners and all of the Hydro-mechanical works /equipment (Pkg-IV) under Kameng Hydro Electric Project

Purpose of Supply--

Serial No of this Bill Work - 101st AND FINAL RA

No. and Date of his last Bill for this work -100th RA

Reference to Agrement - NEEPCO/ED/QP/C&P/R/C/KaHEP/565 of 2004-05 Dtd. 05.01.2005

Reference of the work order - NEEPCO/QP/C&P/F/C/KaHEP-355/1788 Dtd. 17.12.2004

Date of the actual completion of work - Work completed

Item	As per BOQ / Executed				Up to date Work done in % / No.	Amount upto 100th RA (in Rs.)	Total upto 101st RA (in Rs.)	Net payable amount in this RA bill (in Rs.)	Remarks
	Unit	Rate (in Rs.)	Quantity	Amount (in Rs.)					
Item no 1.1:-Bichom Dam Spillway Radial Gate.									
(A) Gate leaf									
(i) Cost of design & drawing	LS	2676000	LS	2676000	100.00%	2676000.00	2676000.00	0.00	
# Extra/additional work	LS	2663257	LS	2663257	100.00%	2663257.14	2663257.14	0.00	
(ii) Cost of Materials	Set	7560000	6	45360000	100.00%	45360000.00	45360000.00	0.00	
(iii) Cost of Fabrication	Set	1890000	6	11340000	100.00%	11340000.00	11340000.00	0.00	
(iv) Cost of Transportation	Set	725000	6	4350000	100.00%	4350000.00	4350000.00	0.00	
(B) Hydraulic Hoist (Single Acting)									
(i) Cost of design & drawing	LS	2100000	LS	2100000	100.00%	2100000.00	2100000.00	0.00	
(ii) Cost of Materials & (iii) fabrication	Set	7764000	6	46584000	100.00%	46584000.00	46584000.00	0.00	
(iv) Cost of Transportation	Set	300000	6	1800000	100.00%	1800000.00	1800000.00	0.00	
(C) Hoist Supporting System									
(i) Cost of design & drawing	LS	612000	LS	612000	100.00%	612000.00	612000.00	0.00	
(ii) Cost of Materials	Set	1728000	6	10368000	100.00%	10368000.00	10368000.00	0.00	
(iii) Cost of Fabrication	Set	432000	6	2592000	100.00%	2592000.00	2592000.00	0.00	
(iv) Cost of Transportation	Set	165000	6	990000	100.00%	990000.00	990000.00	0.00	

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Item	As per BOQ / Executed				Up to date Work done in % / No.	Amount upto 100th RA (in Rs.)	Total upto 101st RA (in Rs.)	Net payable amount in this RA bill (in Rs.)	Remarks
	Unit	Rate (in Rs.)	Quantity	Amount (in Rs.)					
(D) Embedded Parts									
(i) Cost of design & drawing	LS	1590000	LS	1590000	100.00%	1590000.00	1590000.00	0.00	
(ii) Cost of Materials	Set	4530000	6	27180000	100.00%	27180000.00	27180000.00	0.00	
(iii) Cost of Fabrication	Set	1080000	6	6480000	100.00%	6480000.00	6480000.00	0.00	
(iv) Cost of Transporation	Set	432000	6	2592000	100.00%	2592000.00	2592000.00	0.00	
(E) Erection of above equipmnt including anchoages									
(i) Radial Gate	Set	1885275	6	11311650	100.000%	11311650.00	11311650.00	0.00	
(ii) Hydraulic Hoist	PAIR	598500	9	3591000	9.000	3591000.00	3591000.00	0.00	
(iii) Hoist supporting system for H Hoist	PAIR	430920	6	2585520	6.000	2585520.00	2585520.00	0.00	
(iv) Embedded Parts	SET	1077300	6	6463800	100.000%	6463800.00	6463800.00	0.00	
Item No. 1.2 Diesel generator									
(i) Cost of Materials Fabrication & Painting	Set	1200000	1	1200000	1.000	1200000.00	1200000.00	0.00	
(ii) Cost of Transportation	Set	60000	1	60000	1.000	60000.00	60000.00	0.00	
(iii) Cost of erection	Set	179550	1	179550	1.000	179550.00	179550.00	0.00	
Item no 1.3:- Bichom Dam Spillway Shoring.									
(A)Shoplogs									
(i) Cost of design & drawing	LS	621000	LS	621000	100.00%	621000.00	621000.00	0.00	
# Extra/additional work ———	LS	496800	LS	496800	100.00%	496800.00	496800.00	0.00	
(ii) Cost of Materials	Set	10680000	1	10680000	1.000	10680000.00	10680000.00	0.00	
(iii) Cost of Fabrication	Set	2484000	1	2484000	1.000	2484000.00	2484000.00	0.00	
(iv) Cost of Transportation	Set	945000	1	945000	1.000	945000.00	945000.00	0.00	
(B) Embedded parts									
(i) Cost of design & drawing	LS	363000	LS	363000	100.00%	363000.00	363000.00	0.00	
# Extra/additional work ———	LS	290400	LS	290400	100.00%	290400.00	290400.00	0.00	
(ii) Cost of Materials	Set	1102000	6	6612000	100.00%	6612000.00	6612000.00	0.00	
(iii) Cost of Fabrication	Set	198000	6	1188000	100.00%	1188000.00	1188000.00	0.00	
(iv) Cost of Transportation (50%)	Set	79000	6	474000	100.00%	474000.00	474000.00	0.00	
C) Erection									

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Item	As per BOQ / Executed				Up to date Work done in % / No.	Amount upto 100th RA (in Rs.)	Total upto 101st RA (in Rs.)	Net payable amount in this RA bill (in Rs.)	Remarks
	Unit	Rate (in Rs.)	Quantity	Amount (in Rs.)					
ii) Stoplog	Set	1651860	1	1651860	1.000	1651860.00	1651860.00	0.00	
i) Embeded Parts	Set	197505	6	1185030	100.00%	1185030.00	1185030.00	0.00	
Item No.1.4:-Lifting Beam. (Bichom)									
(A) Lifting Beam									
(i) Cost of design & drawing	LS	20000	LS	20000	100.00%	20000.00	20000.00	0.00	
(ii) Cost of Materials	Set	312000	1	312000	1.000	312000.00	312000.00	0.00	
(iii) Cost of Fabrication	Set	60000	1	60000	1.000	60000.00	60000.00	0.00	
(iv) Cost of Transportation	Set	24000	1	24000	1.000	24000.00	24000.00	0.00	
(B) Errection Cost									
i) Cost of Erection	Set	17955	1	17955	1.000	17955.00	17955.00	0.00	
Item No. 1.5 :- Gantry Crane (Bichom Stop Log)									
i) Cost of Design & Drawing	LS	500000.00	LS	500000.00	100.00%	500000.00	500000.00	0.00	
1) Cost of Materials	Set	3338000	1.000	3338000.00	1.000	3338000.00	3338000.00	0.00	
2) Cost of Fabrication	Set	1140000	1.000	1140000.00	1.000	1140000.00	1140000.00	0.00	
3) Cost of Transporation	Set	562000	1.000	562000.00	1.000	562000.00	562000.00	0.00	
4) Cost of Erection	Set	1137150	1.000	1137150.00	1.000	1137150.00	1137150.00	0.00	
Item No.1.6:-Bichom Dam Construction Sluice Gate.									
(A)Gate leaf									
(i) Cost of design & drawing	LS	204000	LS	204000	100.00%	204000.00	204000.00	0.00	
# Extra additional work	LS	159120	LS	159120	100.00%	159120.00	159120.00	0.00	
(ii) Cost of Materials	Set	918000	2	1836000	100.00%	1836000.00	1836000.00	0.00	
(iii) Cost of Fabrication	Set	306000	2	612000	100.00%	612000.00	612000.00	0.00	
(iv) Cost of Transportation	Set	122000	2	244000	100.00%	244000.00	244000.00	0.00	
(B) Embedded parts									
(i) Cost of design & drawing	LS	102000	LS	102000	100.00%	102000.00	102000.00	0.00	
# Extra additional work	LS	91800	LS	91800	100.00%	91800.00	91800.00	0.00	
(ii) Cost of Materials	Set	461000	2	922000	100.00%	922000.00	922000.00	0.00	
(iii) Cost of Fabrication	Set	118000	2	236000	100.00%	236000.00	236000.00	0.00	
(iv) Cost of Transportation	Set	47000	2	94000	100.00%	94000.00	94000.00	0.00	

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	Unit	Rate (in Rs.)	Quantity	Amount (in Rs.)					
Item no 2.1:- Tenga Dam Spillway Radial Gate									
(A)Gate leaf									
(i) Cost of design & drawing	LS	980000	LS	980000	100.00%	980000.00	980000.00	0.00	
# Extra/additional work	LS	744528	LS	744528	100.00%	744527.78	744527.78	0.00	
(ii) Cost of Materials	Set	7344000	2	14688000	100.00%	14688000.00	14688000.00	0.00	
(iii) Cost of Fabrication	Set	1854000	2	3708000	100.00%	3708000.00	3708000.00	0.00	
(iv) Cost of Erection	Set	1849365	2	3698730	100.00%	3698730.00	3698730.00	0.00	
(vi) Cost of Transportation	Set	720000	2	1440000	100.00%	1440000.00	1440000.00	0.00	
(B) Hydraulic Hoist (Single Acting)									
(i) Cost of design & drawing	LS	650000	LS	650000	100.00%	650000.00	650000.00	0.00	
(ii) Cost of Materials & (iii) Erection	Set	6810000	2	13620000	100.00%	13620000.00	13620000.00	0.00	
(iv) Cost of Transportation	Set	120000	2	240000	100.00%	240000.00	240000.00	0.00	
(v) Cost of Erection	Set	598500	2	1197000	100.00%	1197000.00	1197000.00	0.00	
(C) Hoist Supporting System									
(i) Cost of design & drawing	LS	200000	LS	200000	100.00%	200000.00	200000.00	0.00	
(ii) Cost of Materials	Set	1493000	2	2986000	100.00%	2986000.00	2986000.00	0.00	
(iii) Cost of Fabrication	Set	378000	2	756000	100.00%	756000.00	756000.00	0.00	
(iv) Cost of Transportation	Set	151000	2	302000	100.00%	302000.00	302000.00	0.00	
(v) Cost of Erection	Set	377055	2	754110	100.00%	754110.00	754110.00	0.00	
(D) Embeded Parts									
(i) Cost of design & drawing	LS	540000	LS	540000	100.00%	540000.00	540000.00	0.00	
(ii) Cost of Materials	Set	4807000	2	9214000	100.00%	9214000.00	9214000.00	0.00	
(iii) Cost of Fabrication	Set	648000	2	1296000	100.00%	1296000.00	1296000.00	0.00	
(iv) Cost of Transportation	Set	260000	2	520000	100.00%	520000.00	520000.00	0.00	
(v) Cost of Erection	Set	634410	2	1268820	100.00%	1268820.00	1268820.00	0.00	
Item no 2.2:- Tenga Dam Spillway Stoplog									
(A)Gate leaf									
(i) Cost of design & drawing	LS	560000	LS	560000	100.00%	560000.00	560000.00	0.00	

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	Unit	Rate (in Rs.)	Quantity	Amount (in Rs.)					
ii Extra/additional work	Set	298667	LS	298667	100.00%	298666.66	298666.66	0.00	
(iii) Cost of Materials	Set	7930000	1	7930000	100.00%	7930000.00	7930000.00	0.00	
(iv) Cost of Fabrication	Set	2016000	1	2016000	100.00%	2016000.00	2016000.00	0.00	
(v) Cost of Transportation	set	806000	1	806000	100.00%	806000.00	806000.00	0.00	
vi) Cost of Erection	set	1340640	1	1340640	100.00%	1340640.00	1340640.00	0.00	
(B) Embedded parts			1						
(i) Cost of design & drawing	LS	126000	LS	126000	100.00%	126000.00	126000.00	0.00	
ii Extra/additonal work	LS	100800	LS	100800	100.00%	100800.00	100800.00	0.00	
(iii) Cost of Materials	Set	900000	2	1800000	100.00%	1800000.00	1800000.00	0.00	
(iv) Cost of Fabrication	Set	216000	2	432000	100.00%	432000.00	432000.00	0.00	
(v) Cost of Transportation	Set	86000	2	172000	100.00%	172000.00	172000.00	0.00	
(vi) Cost of Erection	Set	215460	2	430920	100.00%	430920.00	430920.00	0.00	
Item No 2.3:-Lifting Beam (Tonga Dam)									
(i) Cost of Drawing and Design	LS	20000	LS	20000	100.00%	20000.00	20000.00	0.00	
(iii) Cost of Materials	Set	319000	1	319000	100.00%	319000.00	319000.00	0.00	
(iv) Cost of Fabrication	Set	72000	1	72000	100.00%	72000.00	72000.00	0.00	
(v) Cost of Transportation	Set	29000	1	29000	100.00%	29000.00	29000.00	0.00	
(vi) Cost of Erection	Set	35910	1	35910	100.00%	35910.00	35910.00	0.00	
Item No 2.4:-Gantry Crane (Tonga Dam Steplog)									
i) Cost of Design & Drawing	Set	500000	LS	500000	100.00%	500000.00	500000.00	0.00	
(ii) Cost of Materials	Set	4200000	1	4200000	100.00%	4200000.00	4200000.00	0.00	
(iii) Cost of Fabrication	Set	1440000	1	1440000	100.00%	1440000.00	1440000.00	0.00	
(iv) Cost of Transportation	Set	720000	1	720000	100.00%	720000.00	720000.00	0.00	
v) Cost of Erection	Set	1197000	1	1197000	100.00%	1197000.00	1197000.00	0.00	
Item No 2.5:- Diesel Generator									
(i) Cost of Materials, Fabrication & Painting	Set	1200000	1	1200000	100.00%	1200000.00	1200000.00	0.00	
(ii) Cost of Transportation	Set	60000	1	60000	100.00%	60000.00	60000.00	0.00	
(iii) Cost of erection	Set	179550	1	179550	100.00%	179550.00	179550.00	0.00	

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Item	As per BOQ / Executed				Up to date Work done in % / No.	Amount upto 100th RA (in Rs.)	Total upto 101st RA (in Rs.)	Net payable amount in this RA bill (in Rs.)	Remarks
	Unit	Rate (in Rs.)	Quantity	Amount (in Rs.)					
Item No 3.1:-Bichom Intake Trash Rack									
(i) Design cost	LS	250000	LS	250000	100.00%	250000.00	250000.00	0.00	
(ii) Supply, fabrication (shop & field)	Set	4680000	1	4680000	100.00%	4680000.00	4680000.00	0.00	
(iii) Cost of Transportation	Set	396000	LS	396000	100.00%	396000.00	396000.00	0.00	
(iv) Cost of Erection	Set	670320	LS	670320.00	100.00%	670320.00	670320.00	0.00	
ITEM NO.- 3.2:- RACK CLEANING MACHINE									
(i) Cost of design & Drawing	LS	1000000	LS	1000000	100.00%	1000000.00	1000000.00	0.00	
(ii) & (iii) Cost of Materials & Fabrication	LS	27486000	LS	27486000	100.00%	27486000.00	27486000.00	0.00	
(iv) Cost of Transportation	SET	600000	1	600000	100.00%	600000.00	600000.00	0.00	
(v) Cost of Erection	Set	1197000	LS	1197000.00	100.00%	1197000.00	1197000.00	0.00	
Item No 3.3:-Bichom Intake Service Gate									
(A)Gate leaf									
(i) Cost of design & drawing	LS	125000	LS	125000	100.00%	125000.00	125000.00	0.00	
(ii) Cost of Materials	Set	1758000	1	1758000	100.00%	1758000.00	1758000.00	0.00	
(iii) Cost of Fabrication	Set	480000	1	480000	100.00%	480000.00	480000.00	0.00	
(iv) Cost of Transportation	Set	182000	1	182000	100.00%	182000.00	182000.00	0.00	
(v) Cost of Erection	Set	452865	1	452865	100.00%	452865.00	452865.00	0.00	
(B) Embedded parts	Set								
(i) Cost of design & drawing		65000	LS	65000	100.00%	65000.00	65000.00	0.00	
# Extra/additional work		65000	LS	65000	100.00%	65000.00	65000.00	0.00	
(ii) Cost of Materials	Set	964000	LS	964000	100.00%	964000.00	964000.00	0.00	
(iii) Cost of Fabrication	Set	240000	LS	240000	100.00%	240000.00	240000.00	0.00	
(iii) Cost of Transportation	Set	86000	LS	86000	100.00%	86000.00	86000.00	0.00	
(iv) Cost of Erection	set	215460	LS	215460	100.00%	215460.00	215460.00	0.00	
Item No 3.4:-Bichom Intake Emergency Gate									
(A)Gate leaf									
(i) Cost of design & drawing	LS	110000	LS	110000	100.00%	110000.00	110000.00	0.00	
(ii) Cost of Materials	Set	1589000	1	1589000	100.00%	1589000.00	1589000.00	0.00	
(iii) Cost of Fabrication	Set	400000		400000	100.00%	400000.00	400000.00	0.00	

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Item	As per BOQ / Executed				Up to date Work done in % / No.	Amount upto 100th RA (in Rs.)	Total upto 101st RA (in Rs.)	Net payable amount in this RA bill (in Rs.)	Remarks
	Unit	Rate (in Rs.)	Quantity	Amount (in Rs.)					
(iv) Cost of Transportation	Set	160000	1	160000	100.00%	160000.00	160000.00	0.00	
vi Cost of Erection	Set	383040	1	383040	100.00%	383040.00	383040.00	0.00	
(B) Embedded parts									
(i) Cost of design & drawing	LS	65000	LS	65000	100.00%	65000.00	65000.00	0.00	
# Extra additional work	LS	65000	LS	65000	100.00%	65000.00	65000.00	0.00	
i) Cost of Materials	Set	964000	1	964000	100.00%	964000.00	964000.00	0.00	
ii) Cost of Fabrication	Set	240000	1	240000	100.00%	240000.00	240000.00	0.00	
iii) Cost of Transportation	Set	86000	1	86000	100.00%	86000.00	86000.00	0.00	
iv) Cost of Erection	Set	215460	1	215460	100.00%	215460.00	215460.00	0.00	
Item no 3.5:- Steel lining of upstream of Emergency Gate									
(i) Cost of design & drawing	LS	175000	LS	175000	100.00%	175000.00	175000.00	0.00	
(ii) Cost of Materials	Set	2177000	1	2177000	100.00%	2177000.00	2177000.00	0.00	
(iii) Cost of Fabrication	Set	780000	1	780000	100.00%	780000.00	780000.00	0.00	
(iv) Cost of Transportation	Set	295000	1	295000	100.00%	295000.00	295000.00	0.00	
(v) Cost of Erection	Set	718200	1	718200	100.00%	718200.00	718200.00	0.00	
Item No 3.6:- Hoist for Service Gate									
(i) Cost of design & drawing	Set	100000	LS	100000	100.00%	100000.00	100000.00	0.00	
(ii) Cost of Materials	Set	780000	1	780000	100.00%	780000.00	780000.00	0.00	
(iii) Cost of Fabrication	Set	240000	1	240000	100.00%	240000.00	240000.00	0.00	
(iv) Cost of Transportation	Set	120000	1	120000	100.00%	120000.00	120000.00	0.00	
v) Cost of erection	Set	179550	1	179550	100.00%	179550.00	179550.00	0.00	
Item No 3.7:-Hoist for Emergency Gate									
(i) Cost of design & drawing	LS	100000	LS	100000	100.00%	100000.00	100000.00	0.00	
(ii) Cost of Materials	Set	600000	1	600000	100.00%	600000.00	600000.00	0.00	
(iii) Cost of Fabrication	Set	210000	1	210000	100.00%	210000.00	210000.00	0.00	
(iv) Cost of Transportation	Set	120000	1	120000	100.00%	120000.00	120000.00	0.00	
v) Cost of erection	Set	149625	1	149625	100.00%	149625.00	149625.00	0.00	
Item No 3.8:- Hoist Supporting Structure Common for Service and Emergency gate									
(i) Cost of design & drawing	LS	60000	LS	60000	100.00%	60000.00	60000.00	0.00	
(ii) Cost of Materials	Set	750000	1	750000	100.00%	750000.00	750000.00	0.00	

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Item	As per BOQ / Executed				Up to date Work done in % / No.	Amount upto 100th RA (in Rs.)	Total upto 101st RA (in Rs.)	Net payable amount in this RA bill (in Rs.)	Remarks
	Unit	Rate (in Rs.)	Quantity	Amount (in Rs.)					
(iii) Cost of Fabrication	Set	270000	1	270000	100.00%	270000.00	270000.00	0.00	
(iv) Cost of Transportation	Set	108000	1	108000	100.00%	108000.00	108000.00	0.00	
v) Cost of Erection	Set	239400	1	239400	100.00%	239400.00	239400.00	0.00	
Item no 4.1:- Tonga Intake Trash Rack									
(a) Cost of Design and Drawing	LS	LS	LS	60000		0.00	0.00	0.00	
(b) Cost of Materials	Set	888000	1	888000	100.00%	888000.00	888000.00	0.00	
(c) Cost of Fabrication	Set	192000	1	192000	100.00%	192000.00	192000.00	0.00	
(d) Cost of Transportation	Set	96000	1	96000	100.00%	96000.00	96000.00	0.00	
(e) Cost of Erection	Set	155610	1	155610	100.00%	155610.00	155610.00	0.00	
Item No. 4.2 :- Tonga Intake Stop Log									
i) Cost of Erection	Set	179550	1.000	179550.00	75.00%	134662.50	134662.50	0.00	
ii) Cost of Materials	Set	1405000	1.000	1405000.00	75.00%	1054500.00	1054500.00	0.00	
2) Cost of Febricatioe including painting (shop & field)	Set	180000	1.000	180000.00	75.00%	135000.00	135000.00	0.00	
3) Cost of Transporation including insurance	Set	84000.00	1.000	84000.00	75.00%	63000.00	63000.00	0.00	
Item no 4.3:- Tonga Intake Droft Shaft Gate									
A) Gate leaf									
(i) Cost of Materials	Set	192000	1	192000	75.00%	144000.00	144000.00	0.00	
(iii) Cost of Fabrication	Set	54000	1	54000	75.00%	40500.00	40500.00	0.00	
(iv) Cost of Transportation	Set	18000	1	18000	75.00%	13500.00	13500.00	0.00	
v) Cost of Erection	Set	47880	1	47880	75.00%	35910.00	35910.00	0.00	
B) Embedded Parts									
(ii) Cost of Materials	Set	294000	1	294000	75.00%	220500.00	220500.00	0.00	
(iii) Cost of Fabrication	Set	84000	1	84000	75.00%	63000.00	63000.00	0.00	
(iv) Cost of Transportation	Set	30000	1	30000	75.00%	22500.00	22500.00	0.00	
vi Cost of Erection	Set	71820	1	71820	75.00%	53865.00	53865.00	0.00	
Item no 4.4:- Hoisting arrangement for Tonga Intake Gate									
(ii) Cost of Materials	Set	2557000	1	2557000	50.00%	1278500.00	1278500.00	0.00	
(iii) Cost of Fabrication	Set	78000	1	78000	50.00%	39000.00	39000.00	0.00	
(iv) Cost of Transportation	Set	150000	1	150000	50.00%	75000.00	75000.00	0.00	
Item no 5.0:- Surge Shaft Gate									
(A)Gate leaf									

K. Kalia

Item	As per BOQ / Executed				Up to date Work done in % / No.	Amount upto 100th RA (in Rs.)	Total upto 101st RA (in Rs.)	Net payable amount in this RA bill (in Rs.)	Remarks
	Unit	Rate (in Rs.)	Quantity	Amount (in Rs.)					
(i) Cost of design & drawing	LS	200000	LS	200000	100.00%	200000.00	200000.00	0.00	
(ii) Cost of Materials	Set	1236000	1	1236000	100.00%	1236000.00	1236000.00	0.00	
(iii) Cost of Fabrication	Set	330000	1	330000	100.00%	330000.00	330000.00	0.00	
(iii) Cost of Transportation	Set	126000	1	126000	100.00%	126000.00	126000.00	0.00	
(iv) Cost of Erection	Set	317205	1	317205	100.00%	317205.00	317205.00	0.00	
(B) Embedded parts									
(i) Cost of design & drawing	LS	300000	LS	300000	100.00%	300000.00	300000.00	0.00	
(ii) Cost of Materials	Set	2400000	1	2400000	100.00%	2400000.00	2400000.00	0.00	
(iii) Cost of Fabrication	Set	690000	1	690000	100.00%	690000.00	690000.00	0.00	
(iv) Cost of Transportation	Set	270000	1	270000	100.00%	270000.00	270000.00	0.00	
(v) Cost of Erection	set	658350	1	658350	100.00%	658350.00	658350.00	0.00	
(C) Hoisting arrangement									
i) Cost of Design & Drawing	LS	120000	LS	120000	100.00%	120000.00	120000.00	0.00	
(ii) Cost of Materials	Set	828000	1	828000	100.00%	828000.00	828000.00	0.00	
(iii) Cost of Fabrication	Set	300000	1	300000	100.00%	300000.00	300000.00	0.00	
(iv) Cost of Transportation	Set	60000	1	60000	100.00%	60000.00	60000.00	0.00	
(v) Cost of Erection	Set	179550	1	179550	100.00%	179550.00	179550.00	0.00	
Item no 5 :- Draft Tube Gate									
(A)Gate leaf									
(i) Cost of design & drawing	LS	300000	LS	300000	100.00%	300000.00	300000.00	0.00	
(ii) Cost of Materials	Set	1123000	4	4492000	100.00%	4492000.00	4492000.00	0.00	
(iii) Cost of Fabrication	Set	306000	4	1224000	100.00%	1224000.00	1224000.00	0.00	
(iv) Cost of Transportation	Set	116000	4	464000	100.00%	464000.00	464000.00	0.00	
(v) Cost of Erection	Set	283290	4	1133160	100.00%	1133160.00	1133160.00	0.00	
(B) Embedded parts									
(a) Cost of design & drawing	LS	220000		220000	100.00%	220000.00	220000.00	0.00	
(b) Cost of Materials	Set	792000		3168000	100.00%	3168000.00	3168000.00	0.00	

K. Kalia

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Item	As per BOQ / Exceeded				Up to date Work done in % / No.	Amount upto 100th RA (in Rs.)	Total upto 101st RA (in Rs.)	Net payable amount in this RA bill (in Rs.)	Remarks
	Unit	Rate (in Rs.)	Quantity	Amount (in Rs.)					
(c) Cost of Fabrication	Set	210000	4	840000	100.00%	840000.00	840000.00	0.00	
(d) Cost of Transportation	Set	72000	4	288000	100.00%	288000.00	288000.00	0.00	
(e) Cost of Erection	Set	179550	4	718200	100.00%	718200.00	718200.00	0.00	
Item no 6.2:- Gantry Crane of Draft Tube Gate									
(i) Cost of Design & Drawing	LS	300000	LS	300000	100.00%	300000.00	300000.00	0.00	
(ii) Cost of Materials	Set	4116000	1	4116000	100.00%	4116000.00	4116000.00	0.00	
(iii) Cost of Fabrication	Set	1200000	1	1200000	100.00%	1200000.00	1200000.00	0.00	
(iii) Cost of Transportation	Set	480000	1	480000	100.00%	480000.00	480000.00	0.00	
(iv) Cost of Erection	Set	1077300	1	1077300	100.00%	1077300.00	1077300.00	0.00	
Item No 7.1:-Supply of Ferrules (Straight & reducers)									
(A) (i) Release 90% for total Supply	MT	94000.00	12018.503	1129739000	90.00%	1016765100.00	1016765100.00	0.00	
(A) (ii) Release balance 10% (against Erection of 11856.165 MT)	MT	94000.00	11856.165		10.00%	111447948.18	111447948.18	0.00	
(B) (i) Release 90% against Supply of Orifice Liner/Face-5/Drift tunnel	MT	94000.000	175.5(25)	16498175.0	90.00%	14848399.90	14848399.90	0.00	
(B) (ii) Release balance 10% (against erection of 165.294MT)	MT	94000.00	165.294		10.00%	1553669.60	1553669.60	0.00	
Item No 7.2:-Supply of Ferrules (Bends & Specials)									
(A) (i) Release 90% for total erection	MT	107000.00	1460.103	156236371	90.00%	140612733.40	140612733.40	0.00	
(A) (ii) Release balance 10% (against Erection of 1418.913 MT)	MT	107000.00	1418.913		10.00%	15182369.10	15182369.10	0.00	
(B) (i) Release 90% against Supply of Orifice Liner/Face-5/Drift tunnel	MT	107000.00	25.125	2688375	100.00%	2419537.50	2419537.50	0.00	
(B) (ii) Release balance 10%	MT	107000.00	25.125		10.00%	268837.50	268837.50	0.00	
Item No 7.3:-Erection of Ferrules (Straight & reducers)									
(i) Release 100% for total erection	MT	19950.00	11865.0157	236706963.47	100.00%	236706963.47	236706963.47	0.00	
(ii) Release 100% against Supply of Orifice Liner/Face-5/Drift tunnel	MT	19950.00	165.294	3297415.80	100.00%	3297415.80	3297415.80	0.00	
Item No 7.4:-Erectionof Ferrules (Bends & Specials)									
Release 100% for total erection	MT	23940.00	1418.913	33968777.22	100.00%	33968777.22	33968777.22	0.00	
Release 100% against Supply of Orifice Liner/Face-5/Drift tunnel	MT	23940.00	25.125	601492.50	100.00%	601492.50	601492.50	0.00	

K. Kalkar

Item	As per BOQ / Executed				Up to date Work done in % / No.	Amount upto 100th RA (in Rs.)	Total upto 101st RA (in Rs.)	Net payable amount in this RA bill (in Rs.)	Remarks
	Unit	Rate (in Rs.)	Quantity	Amount (in Rs.)					
Item No 7.5:- Radiographic testing for welded joint	MT	1000.00	5873.324	5873324.00	100.00%	5873324.00	5873324.00	0.00	
Item No 7.6:-Ultrasonic testing for welded join	MT	500.00	11315.620	5657810.00	100.00%	5657810.00	5657810.00	0.00	
Item No 7.7 :-a) Hydraulic shop testing	MT	3600.00	1948.303	7172770.50	100.00%	7172770.00	7172770.00	0.00	
Item No 7.7 :-b) Hydraulic field testing of Y	MT	7500.00	287.516	2156370.00	100.00%	2156370.00	2156370.00	0.00	
Item No-8 Automation	LS			11996400.00	100.00%	11996400.00	11996400.00	0.00	
Item no -9 spare Parts	LS			12143000.00		0.00	10436000.00	10436000.00	
					G.Total=	2014693017	2025129017	10436000	
					Less Rebate @0.5%	1,00,73,465.00	1,01,25,645.09	52,180.00	
					Total after rebate =	2,00,46,19,552.00	2,01,50,03,372.16	1,03,83,820.00	

Up to date amount up to 101st RA = 2,01,50,03,372.16

Less paid up to 100th RA = 2,00,46,19,552.00

Net payable amount in this bill = 1,03,83,820.16

R. O. = 1,03,83,820.00

(Rupees One Crore Three Lakh Eighty Three Thousand Eight Hundred and Twenty) only

(M/s OMC - JSC - JV)

K. Kalita
09/01/2024
EIC, PKG-IV, KAHEP

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Carried Over

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 as per new rate	Amount: Since Previous bill (as specified)	Remarks
				100%		
1	2	3	4	5	6	7
				Rs	Rs	
		Certified that, i) Bill is prepared as per contract clauses. ii) No forest material's were utilized by the contractor iii) Labour engaged by the contractor were not less than 18 (eighteen) years of age				
		Brought Forward				
		Total value of work done or supplies to date (A)				
		Deduct - value of work or supplies shown on previous bill				
		Net value of work or supplies since previous bill				
				Net		1,03,83,820.00

(Rupees One Crore Three Lakh Eighty Three Thousand Eight Hundred and Twenty) only

B - Certificate and Signature

The work (stores) were made by me and are included at SN to SN

K. Kakkar 09/01/2024

Dated Signature of Officer *Rank*

preparing payment Sub-division / Division

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

Tax Invoice

e-Invoice

IRN : c11d345decac2fab229fae95fdad78095cbc6d948b2d4cc-309020b8c84c79b5e
Ack No. : 182415272434616
Ack Date : 12-Jan-24

OMIL JSC-JV
Bhalukpong, West Kameng,GROUND FLOOR,001,KIMI, KIMI ROAD, KIMI, West KAMENG
Arunachal Pradesh, Code : 12
GSTIN/UIN : 12AAAJO0083B2ZU

Consignee (Ship to)
Neepco H.E.Project-Bill A/c
Kameng Hydro Power Station
North Eastern Electric Power Corporation Ltd.
West Kameng District, Arunachal Pradesh
GSTIN/UIN : 12AAACN9991J3Z1
State Name : Arunachal Pradesh, Code : 12

Buyer (Bill to)
Neepco H.E.Project-Bill A/c
Kameng Hydro Power Station
North Eastern Electric Power Corporation Ltd.
West Kameng District, Arunachal Pradesh
GSTIN/UIN : 12AAACN9991J3Z1
State Name : Arunachal Pradesh, Code : 12

Invoice No.	Dated
RA-14	9-Jan-24
Delivery Note	Mode/Terms of Payment
	As Per Contract Agreement
Reference No. & Date.	Other References
NEEPCO/ED/QP/C&P/R/C/KaHEP/565 of 2004-05 dt. 5-Jan-05	
Buyer's Order No.	Dated
NEEPCO/ED/QP/C&P/R/C/KaHEP/565 of 2004-05	17-Dec-04
Dispatch Doc No.	Delivery Note Date
Dispatched through	Destination

Terms of Delivery
As Per Contract Agreement of PKG-IV Vide Ref.No. NEEPCO/ED/QP/C&P/R/C/ KaHEP/565/of 2004-05 Dt: 05\01\2005 and NEEPCO/QP/C&P/F/C/ KaHEP-355/1788 dt: 17-12-2004

Sl No.	Description of Services	HSN/SAC	Quantity	Rate	per	Amount
1	**Contract Receipt** *101 RA Bill (Final) for Supply of Mandatory Spare Parts*	995429				**99,84,442.00**
	Cgst Output @ 9%			*9*	%	**8,98,599.78**
	Sgst Output @ 9%			*9*	%	**8,98,599.78**
	Total					**₹ 1,17,81,641.56**

Amount Chargeable (in words) *E. & O.E*
INR One Crore Seventeen Lakh Eighty One Thousand Six Hundred Forty One and Fifty Six paise Only

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
995429	99,84,442.00	9%	8,98,599.78	9%	8,98,599.78	17,97,199.56
Total	**99,84,442.00**		**8,98,599.78**		**8,98,599.78**	**17,97,199.56**

Tax Amount (in words) : **INR Seventeen Lakh Ninety Seven Thousand One Hundred Ninety Nine and Fifty Six paise Only**

Company's Bank Details
A/c Holder's Name : OMIL JSC-JV
Bank Name : STATE BANK OF INDIA
A/c No. : 51025881843
Branch & IFS Code : Mandir Marg Saket New Delhi & SBIN0031580

Declaration
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for OMIL JSC-JV

Authorised Signatory

This is a Computer Generated Invoice

AUDIT SLIP

1	Name of contractor	M/S OMIL + JSC - JV
2	Brief description of work	Design, fabrication, errection & commissioning of Penstock Steel Liners and all of the Hydro-mechanical works /equipment (Pkg-IV) under Kameng Hydro Electric Project
3	LOI No. & Date Work Order no & Date	*NEEPCO/QP/C&P/F/C/KaHEP-355/1788 Dtd. 17.12.04*
4	Tech. sanction no & date	
5	Reference to the item of cost estimate	As per agreement
6	Agreement no & date	*NEEPCO/ED/QP/C&P/R/C/KaHEP/565 of 2004-05 Dtd. 5.1.05*
7	Nature of work (whether temporary or permanent):	Permanent
8	Ownership of the work	NEEPCO Ltd
9	Bill No & date	**101st and Final RA**
10	Period of work covered by the bill	Upto February 2021
11	Date of completion of work as per agreement:	As per agreement
12	Actual date of completion	06 February 2021
13	a) Period for which extension applied	06 February 2021
	b) Period for which extension granted, if so with or without liquidated damage	Upto 06-02-2021 without LD
14	Whether transit pass/ royalty clearance certificate submitted	N/A
15	Whether there is any escalation clause	Yes
16	Whether there is any outstanding liability against work	N/A
17	Whether site has been cleared on completion	Yes
18	Percentage of test check by Engineer/AM/DM/M	
	a) Ordinary item	As per rule
	b) Special item	
19	Whether store issue statement submitted	N/A
20	Whether store utilization statement submitted	N/A
21	Whether bill has been technically checked	Yes
22	Whether recovery statement submitted	N/A
23	Any other reference	MB No : 314, 7285

The above particulars has been verified and found correct and conducted test check as follows:

a) Ordinary item

b) Special item

K. Kalita 09/01/2024

Engineer-In-Charge
Package-IV, KaHPS

ABSTRACT ON PAYMENT ACCOUNT (RECONCILED DURING FEB-MARCH 2021) AGAINST 100% WORK DONE IN RESPECT OF PACKAGE IV HYDRO MECHANICAL WORKS (INCLUDING TAXES)

	Bill Details	Amount payable in terms of quantity restored against individual items in MB up to last paid bills after applicable rebate (in Rs.)	Amount passed for payment from Project Finance Wing after applicable rebate on per invoice received as MIS (in Rs.)	Retention amount at 10% paid for Core items against BG (up to 2nd RA) (in Rs.)	Balance Amount against 100% work done (in Rs.)	Excess Payment (in Rs.)	Total Cost against 100% work done (in Rs.)	Remarks
1	2	3	4	5	6	7	8=3+5+6-7	9
1	Bill (Upto 18th RA)	1,85,80,64,683.00	[illegible]	[illegible]	[illegible]		220,67,01,436.91	As per Annex I (Abstract sheet of Cumulative cost on 100% work done)
2	Supplementary Portfolio (upto 21st RA)	30,00,01,878.00	[illegible]		[illegible]		33,75,01,799.74	As per Annex III (Abstract sheet of Cumulative cost on 100% work done, [illegible] and relevant MIS no. 9004
3	Price Variation (upto 18th RA)	42,38,871.00	[illegible]		[illegible]		52,00,00,000.00	As per Annex IV (Abstract sheet of Cumulative cost on 100% work done [illegible] and relevant MIS no. 10299
4	Extra Amendatory (upto 20th RA)	11,50,17,061.00	[illegible]	4,44,00,604.00	[illegible]		62,28,25,00,000.00	As per Annex V (Abstract sheet of Cumulative cost on 100% work done [illegible] and relevant MIS no. 9277
5	Secondary (upto 3rd RA)	1,60,96,730.96	[illegible]		[illegible]		[illegible]	As per Annex VI (Abstract sheet of Cumulative cost on 100% work done [illegible] and relevant MIS no. 10304
6	Cost Esc (upto 4th RA)	33,39,662.00	[illegible]		0.00		[illegible]	As per Annex VII (Abstract sheet of Cumulative cost on 100% work done [illegible] and relevant MIS no. 10305
7	Reserve Accumulators (up to 9th RA)	26,53,77,617.00	[illegible]		[illegible]		[illegible]	As per Annex VIII (Abstract sheet of Cumulative cost on 100% work done [illegible] and relevant MIS no. 10306
8	Diversion Tunnel (upto Bottom)	1,33,61,654.00	[illegible]				1,33,61,654.00	As per [illegible]
9	Escalation (up to 14th RA)	1,33,83,39,000.00	1,14,83,54,660.00		[illegible]	[illegible]	1,32,30,59,991.91	As per Annex VIII (Total Amount (Rs. 1330 lakh) work done) and MIS No. 9238/9/20 [illegible]
10	Extra works & New under process of approval	-			[illegible]		[illegible]	As per Annex IX Rs. 1,75,83,000.00 is recognized provisionally under BOQ item No. [illegible] and Rs. [illegible] under SI. No. 3, Annexure of the Accepted [illegible]
11	Against the work of Section 80 pending agency				93,23,80,000		93,23,80,000	As per - 9
[A]	Sub Total of RA Bills + Extra Works	3,93,23,68,080.95	3,99,09,25,525.96	11,97,19,008.92	76,53,33,677.50	[illegible]	4,77,86,50,833.37	1 - Badarpur Agadh [illegible]
12	Custom Duty	2,21,13,192.00	2,21,13,192.00				2,21,13,192.00	As per [illegible]
13	Service Tax	4,51,60,221.00	4,51,60,221.00				4,51,60,221.00	As per [illegible]
14	SST	6,88,67,614.00	6,88,67,614.00		4,16,57,326.04		11,77,70,977.04	As per Annex [illegible] and Rs. [illegible] under amount excluding [illegible]
[B]	Sub Total of 12 to 13 =						18,00,71,414.04	
						Grand Total (A) + (B) =	4,45,37,71,545.41	

SECURITY DEPOSIT

	Details			
1	10% the basis of each	Rs.	98,09,232.00	Ref. Annex - A (5, B & C)
2	Security Deposit in the form of BG	Rs.	32,71,51,444.00	

HELD UP AMOUNT OF M/S OMIL + JSC-IV

	Details			
1	Holding amount (due to over all shortfall, non-performing NHE etc deducted as special security deposit)	Rs.	1,32,75,918.00	Ref. Annex - A (5, B & C)
2	Penalty amount / compensation for delay/etc	Rs.	32,99,021.00	

Note :

1. The above reconciliation on Package-IV payment account has been done during Feb-March 2021, based on available records, RA Bills, Measurement Book records etc. mutually with representative deputed by M/s OMIL+JSC-IV i.e. Mr. (Deepak Jain, New Delhi Office, M/s OMIL
2. In case of any discrepancy observed in the above statement and its enclosures at a later point of time, either of the party shall intimate officially for further action under advised discrepancy.
3. The gross bill amount against BOQ as well as Extra Works pursued for payment by Project Finance is recorded in Abstract MBs are not matching with the sum total of the individual sheets (As recorded in MBs by the executing Authority) considered for calculation in corrected cumulative (Column 3 & 4 may be referred for the same). Difference of Rs. 17.89 Lacs is observed. This needs clarification from Project EE/A and the EIC, Pkg-IV shall take up the matter with Project EE/A.
4. Eligibility of any payment to the Contractor shall be guided by Package-IV Contract Provisions, MOM held between M/s OMIL+JSC-IV and NEEPCO on 29/12/2019 at Guwahati and any other MOM/correspondences related to payment matter.
5. The above Balance Amount is excluding of all recoveries which are due from M/s OMIL+JSC-IV and separate sheets showing details of all recoverable amounts updated up to February 2021 (Annex-XI) under various heads are enclosed separately.
6. Although the BOQ amount for Supply of Mandatory spares by M/s OMIL has been considered in the statement on 100% workdone, M/S OMIL is yet to hand over the same to NEEPCO.
7. M/s OMIL+JSC-IV will request to incorporate the BOQ amount against item No. 2.0 (Hydraulic Performance Testing) for which M/s OMIL will submit necessary justification regarding non-close up of the item.

(Deepak Jain)
Representative of
M/s OMIL+JSC-IV)

Engineer-in-Charge
Package-IV, RHEP

Sr. Manager (C)
O/o the EIC, Package-IV

Sr. Manager (C)
O/o the EIC, Package-IV

Mandatory Item handover to NEEPCO. .

Sr.no.	Description	Unit	Nos. as per Agreement	Qnty Received at site	Rate (in Rs.)	Amount against received spares (in Rs.)
8.2	**Bichom Intake and Power Waterway**					
8.2.1	**Intake Trash Rack**					
	10% of bolts, nuts and washers	LS	1 LS	LS	20000	20000
8.2.2	**Rack Cleaning Machine and Controls**					
a)	Wire rope heads	Set	1	1	10000	10000
b)	Wire ropes	Set	1	1	50000	50000
c)	Wheels	Set	1	1	50000	50000
d)	Control relays	Set	1	1	10000	10000
g)	Push Buttons	Set	1	1	5000	5000
h)	Brake linings	Set	1	1	3000	3000
i)	Motor carbon brushes and contactors .	Set	1	1	2000	2000
j)	Fuse element	Set	2	2	1000	2000
k)	10% of bolts, nuts and washers	LS	1	1	2000	2000
8.2.3	**Bichom Intake Service Gate**					
a)	Grease nipples and / or cups of each typeand size to be used	No.	2	2	1000	2000
b)	**One (1) Wheel Assembly**	No.	1	1	50000	50000
i)	Wheel (as per drawing)		1	1		
ii)	O-Ring : OD-250 x ID-240		2	2		
iii)	M Type seal : OD-160 x ID-130 x 12Thk		2	2		
iv)	Spherical Roller Bearing:22226C (OD-230xID-130x64W) with pre		1	1		
v)	Pin : Dia-135 x 290Lg.		1	1		
c)	**Two (2) sets of Rubber sealing (undrilled) with 20% of the screws**	**Set**	**2**	**2**	**50000**	100000
i)	Side seal : (ø44, 14Thk x127), 6584Lg. - Single stem type		4nos.			
ii)	Top seal : (ø44, 14Thk x127), 5520Lg. - Single stem type		2nos.			
iii)	Bottom seal : 90 x 14Thk x 5910Lg -Wedge Type		2nos.			
iv)	Corner Seal : (ø44, 14Thk x127), 252 / 352Lg. - Single stem type		2LHS +2RHS			
v)	M16 x 80Lg. CSK Bolt with Nut & Washer		48			
vi)	M16 x 65Lg. CSK Bolt with Nut & Washer		14			
d)	**Two (2) Lateral Guide Rollers**					
	Roller: OD-170 x ID-60 x 70Thk	Nos	2	2	10000	20000
e)	**One (1) set of bearings for the rollers**					
	Aluminium Bronze Bearing: OD-60 x ID-40 x 78 Lg.	Set	1	1	20000	20000
f)	**One (1) driving motor**					
	7.5Kw/10HP TEFC Sq. cage motor, 960RPM, Frame size -160M, 250% Full load torque, Class "F" Insulation	No.	1	1	50000	50000
g)	**One (1) set of motor contactors**					
	Motor contactors for 7.5Kw motor of "cl. no. 8.2.3 (f)"	Set	1	1	5000	5000
h)	**One (1) set of seals**	**Set**	1	1	5000	5000
i)	**One (1) set of stop switches**	**Set**	1	1	2000	2000
j)	**One (1) set of relays**	**Set**	1	1	2000	2000
k)	**Lighting lamps, fuse and switches**	**Set**	1	1	2000	2000
l)	**Ten (10) kilograms of grease**	**Kg**	10	10	100	1000

Sr.no.	Description	Unit	Nos. as per Agreement	Qnty Received at site	Rate (in Rs.)	Amount against received spares (in Rs.)
8.2.4	**Bichom : Intake Emergency Gate**					
a)	Grease nipples and / or cups of each typeand size to be used	No.	2	2	1000	2000
b)	**One (1) Wheel Assembly**	No.	1	1	20000	20000
i)	Spherical Roller Bearing:22226C (OD-230xID-130x64W) with pressed seal cage		1			
ii)	O-Ring : OD-250 x ID-240		2			
iii)	M Type seal : OD-170 x ID-130 x 12Thk		2			
c)	**Two (2) sets of Rubber sealing (undrilled) with 20% of the screws**	Set	2	2	50000	100000
i)	Side seal : (ø44, 14Thk x127), 6655Lg. - Single stem type		4nos.			
ii)	Top seal : (ø44, 14Thk x127), 5600Lg. - Single stem type		2nos.			
iii)	Bottom seal : 90 x 14Thk x 6210Lg -Wedge Type		2nos.			
iv)	Corner Seal : (ø44, 14Thk x127), 255 / 305Lg. - Single stem type		2LHS +2RHS			
v)	M16 x 80Lg. CSK Bolt with Nut & Washer		50			
vi)	M16 x 65Lg. CSK Bolt with Nut & Washer		15			
d)	**Two (2) Lateral Guide Rollers**	Nos.	2	2	5000	10000
	Roller: OD-170 x ID-60 x 70Thk					
e)	**One (1) set of bearings for the rollers**	Set	1	1	20000	20000
	Aluminium Bronze Bearing: OD-60 x ID-40 x 78 Lg.		4nos.			
f)	**One (1) driving motor**	No.	1	1	50000	50000
	7.5Kw/10HP TEFC Sq. cage motor, 960RPM, Frame size -160M, 250% Full load torque, Class 'F' insulation		1no.			
g)	**One (1) set of motor contactors**					
	Motor contactors for 7.5Kw motor at "cl. no. 8.2.3 (f)"	Set	1	1	5000	5000
h)	**One (1) set of seals**	Set	1	1	5000	5000
i)	**One (1) set of stop switches**	Set	1	1	5000	5000
j)	**One (1) set of relays**	Set	1	1	2000	2000
k)	**One (1) set of lighting lamps, fuses and switches**	Set	1	1	2000	2000
l)	**Ten (10) kilograms of grease**	Kg	10	10	100	1000
8.3	**Surge Shaft Gate**					
a)	Grease nipples and / or cups of each typeand size to be used	No.	4	4	500	2000
b)	**Two (2) Wheel Assembly**	No.	2	2	20000	40000
i)	M Type oil seal : OD-215 x ID-190 x 12Thk		4nos.			
ii)	O-Ring : OD-160 x ID-150, Dia-5mm		4nos.			
iii)	O-Ring : OD-170 x ID-160, Dia-5mm		4nos.			
iv)	M16 x 50Lg. Hex. Head Screw		32			
v)	Spring Washer -M16		32			
c)	**Four (4) sets of Rubber sealing (undrilled) with 20% of the screws**	Set	4	4	25000	100000
i)	Bottom seal : 100 x 20Thk x 5600Lg -Wedge Type		4nos.			
ii)	Side seal : (ø50, 14Thk x150), 5630Lg. - Double stem type		8nos.			
iii)	Top seal : (ø50, 14Thk x150), 5000Lg. - Double stem type		4nos.			
iv)	Corner Seal : (ø50, 14Thk x150), 300 / 300Lg. - Double stem type		4LHS +4RHS			
v)	M16 x 90N CSK Screw		19			
vi)	M16 x 120N CSK Screw		1			
vii)	M16 x 120N CSK Screw		10			
viii)	M16 x 120N CSK Screw		10			
ix)	M16 x 90N Hex Bolts		13			

Sr.no.	Description	Unit	Nos. as per Agreement	Qnty Received at site	Rate (in Rs.)	Amount against received spares (in Rs.)
x)	M16 x 90N Hex Bolts		11			
xi)	M16 x 90N Hex Bolts		43			
xii)	Punched washer for M16		33			
xiii)	Punched washer for M16		21			
xiv)	Punched washer for M16		52			
d)	**Four (4) Lateral Guide Rollers**	**Nos.**	**4**	4	5000	**20000**
	Roller: OD-160 x ID-65 x 100Thk		4nos.			
e)	Bearing for the rollers	Set	2	2	2500	**5000**
f)	**Two (2) driving motor**	**No.**	**2**	2	50000	**100000**
	15Kw/20.1HP TEFC Sq. cage motor, 935RPM, Frame size -160L, MC16L673, 150 start per hour, 40% CDF, shaft both side		2nos.			
g)	**Two (2) set of motor contactors**	**Set**	2	2	5000	**10000**
	Motor contactors for 15Kw motor at "cl. no. 8.3 (l)"		2set			
h)	**Two (2) set of seals**	**Set**	2	2	5000	**10000**
i)	**Two (2) set of stop switches**	**Set**	2	2	2000	**4000**
j)	**Two (2) set of relays**	**Set**	2	2	2500	**5000**
k)	**Two (2) set of lighting lamps, fuses and switches**	**Set**	2	2	2000	**4000**
l)	**Twenty (20) kilograms of grease**	**Kg**	20	20	100	**2000**
8.4	**Bichom Spillway**					
8.4.1	**Upstream Stop Logs**					
a)	**Four (4) sets of Rubber sealing for Four Stoplog elements with 20% of the screws**	**Set**	4	4	50000	**200000**
i)	Side seal : (ø44, 14Thk x100), 2315Lg. - Single stem type (for Unit-1 to 7)		6nos.			
ii)	Side seal : (ø44, 14Thk x100), 1885Lg. - Single stem type (for Unit-8)		2nos.			
iii)	Bottom seal : 100 x 20Thk x 9094Lg -Wedge type		4nos.			
iv)	Top seal : (ø44, 14Thk x150), 8544Lg. - Double stem type		4nos.			
v)	Corner Seal : (ø44, 14Thk x150), 270 / 325Lg. - Double & Single stem type		4LHS +4RHS			
vi)	M16 x 90N CSK Bolts		12			
vii)	M16 x 90N CSK Bolts		64			
viii)	M16 x 90N Hex Bolts		25			
ix)	M16 x 90N Hex Bolts		25			
x)	Punched washer for M16		38			
xi)	Punched washer for M16		89			
b)	Bush and washer for guide roller assembly	Set	2	2	5000	**10000**
8.4.2	**Radial gates**					
a)	**Six(6) complete sets of Rubber seals including bolts**	**Set**	6	6	100000	**600000**
i)	Top seal : (ø44, 14Thk x125), 9000Lg.		6nos.			
ii)	Top seal : (ø44, 14Thk x125), 9000Lg.		6nos.			
iii)	Bottom seal : 100 x 20Thk x 9000Lg		6nos.			
iv)	Side seal : (14Thk x125), 13433Lg.		12nos.			
v)	CSK Head Screw with Nut & Washer: M16 x 125Lg.		594			
vi)	CSK Head Screw: M16 x 50Lg.		594			
vii)	Hex. Head Bolts with Nut & Washer: M16 x 100Lg.		594			
viii)	CSK Head Screw with Nut & Washer: M16 x 75Lg.		2064			
b)	**Four (4) sets of bearing bushes and washers for a pair of trunnions assembly**	**Set**	4	4	1000000	**4000000**
i)	Bush: OD-605 x ID-550 x 700 Lg.		4 set.			
c)	Bushes and washers for guide roller assembly	Set	4	4	5000	**20000**
d)	Seals for hydraulic hoist cylinder	Set	12	12	50000	**600000**

Sr.no.	Description	Unit	Nos. as per Agreement	Qnty Received at site	Rate (in Rs.)	Amount against received spares (in Rs.)
e)	Bushes for electric motors of hydraulic units	Set	4	4	25000	100000
f)	Motor bearings of hydraulic hoist	Set	4	4	100000	400000
g)	Gakets (O-ring) for each hydraulic unit	Set	12	12	30000	360000
h)	**Four (4) sets of fuses, auxiliary contractors, push buttons, indication lamps, switches, relays and limit switches for Hydraulic hoist**	**Set**	4	4	25000	100000
i)	**Filters for hydraulic units**	**Set**	4	2	10000	20000
8.4.3	**Travelling Gantry crane (36T)**					
a)	**Two (2) set of Brake shoes for different brakes,**	**Set**	2	2	10000	20000
i)	Brake shoe for Ø200 EM brake		2 set			
ii)	Brake shoe for Ø200 Thruster brake		2 set			
b)	Bearing / bushes	Set	1	1	5000	5000
c)	**One (1) set of fuses, auxiliary contractors, push buttons, indication lamps, switches, and limit switches**	**Set**	1	1	5000	5000
e)	Ø26 Wire rope, 6x37 construction, fibre core, UTS-180kg/Sqmm	No.	1	1	100000	100000
8.7	**Tenga : Spillway**					
8.7.1	**Upstream Stop Logs**					
a)	**Four (4) sets of Rubber sealing for Four Stoplog elements with 20% of the screws**	**Set**	4	4	50000	200000
i)	Side seal : [ø44. 14Thk x100]. 2377Lg. - Single stem type		8 nos.			
ii)	Bottom seal : 100 x 20Thk x 14194Lg -Wedge Type		4nos.			
iii)	CSK Screws with Nut : M16 x 100N		12			
iv)	Hex Bolt : M16 x 100N		35			
v)	Punched washer for M16		48			
b)	Bush and washer for guide roller assembly	Set	2	2	5000	10000
8.7.2	**Radial gate**					
a)	**Two (2) complete sets of Rubber seals including bolts**	**Set**	2	2	100000	200000
i)	Side seal : 70 x130 x 16898Lg.		4 nos.			
ii)	Bottom seal : 100 x 20Thk x 13976 Lg		2 nos.			
iii)	Hex. Head Bolts with Nut & Washer: M16 x 50Lg.		684			
iv)	Hex. Head Bolts with Nut & Washer: M16 x 60Lg.		136			
v)	Hex. Head Bolts with Nut & Washer: M16 x 60Lg.		298			
b)	**Two (2) sets of bearing bushes and washers for a pair of trunnions assembly**	**Set**	2	2	1000000	2000000
i)	Bush: OD-495 x ID-450 x 700 Lg.					
c)	Bushes and washers for guide roller assembly	Set	2	2	5000	10000
d)	Seals for hydraulic hoist cylinder	Set	4	4	50000	200000
f)	Motor bearings of hydraulic hoist	Set	1	1	10000	10000
h)	**Four (4) sets of fuses, auxiliary contractors, push buttons, indication lamps, switches, relays and limit switches for Hydraulic hoist**	Set	1	1	25000	25000
8.7.3	**Travelling Gantry crane (60T)**					
a)	**Two (2) set of Brake shoes for different brakes,**	**Set**	2	2	5000	10000
i)	Brake shoe for Ø250 EM brake		2			
ii)	Brake shoe for Ø250 Thruster brake		2			
iii)	Brake shoe for Ø200 EM brake		4			
iv)	Brake shoe for Ø200 Thruster brake		4			
c)	**One (1) set of fuses, auxiliary contractors, push buttons, indication lamps, switches, and limit switches**	Set	1	1	5000	5000
d)	Bush / bearings for electric motor	Set	2	2	2000	4000
e)	**One (1) Hoist rope of each ype**	No.	1	1	100000	100000

Sr.no.	Description	Unit	Nos. as per Agreement	Qnty Received at site	Rate (in Rs.)	Amount against received spares (in Rs.)
	Ø36 Wire rope, 6x37 construction, fibre core, UTS-160kg/Sqmm		220 Mtr			
8.8	**Tenga Intake**					
8.8.1	**Intake Trash Rack**					
a)	10% of bolts, nuts and washers	LS	1 LS	1 LS	10000	10000
8.8.2	**Tenga Intake Stoplog**					
a)	**Rubber seals for one element**	Set	1	1	50000	50000
b)	**Bottom seal**	No.	1	1	10000	10000
c)	Top seal	No.	1	1	20000	20000
8.8.3	**Tenga Intake Drop Shaft**					
a)	Grease nippies and / or cups of each type and size to be used	No.	2	2	2000	4000
b)	**One (1) Wheel Assembly**	**No.**	**1**	1	20000	20000
i)	Wheel: Ø500 x150Thk		1 no.			
ii)	Pin : Dia-210 x 497.5Lg.		1 no.			
iii)	Spherical Roller Bearing : 23034CC-W33		1 no.			
c)	**Two (2) sets of Rubber sealing (undrilled) with 20% of the screws**	**Set**	**2**	2	20000	40000
d)	**Two (2) Lateral Guide Rollers**	**No.**	**2**	2	5000	10000
	Roller: OD-130 x ID-60 x 86Thk		2 nos.			
e)	Bearings for the rollers	Set	1	1	5000	5000
o)	Stop switches	Set	1	1	5000	5000
p)	Relays	Set	1	1	5000	5000
q)	Each type of lighting bulbs, indicator caps, fuses, push buttons	Set	1	1	5000	5000
s)	Grease	Kg	5	5	200	1000
					Total =	**1,04,36,000.00**

नॉर्थ ईस्टर्न इलैक्ट्रिक पावर कॉरपोरेशन लिमिटेड
भारत सरकार का उपक्रम
North Eastern Electric Power Corporation Ltd.
(A Govt. of India Enterprise)
KAMENG HYDRO POWER STATION (600MW)
ARUNACHAL PRADESH – 790114.
Email: kpc_kahep@rediffmail.com

No. NEEPCO/KaHEP/EIC/PKG-IV/T-17/2023-24/ 113 Dated: 09/01/2024

INTER OFFICE MEMO

From :	To :
DGM(C)/ EIC, Pkg-IV Kameng HPS, Kimi	The HOD F&A Wing. Kameng HPS

Sub: **Forwarding of 101st and Final RA Bill against** the work of Design, Fabrication, Erection and Commissioning of Penstock Steel Liner and All of the Hydro-Mechanical Works/Equipments under Package-IV, Kameng HE Project, A.P.

Ref : 1. W.O no. NEEPCO/QP/C&P/F/C/KaHEP-355/1788 Dtd. 17.12.04
2. Agreement no. NEEPCO/ED/QP/C&P/R/C/KaHEP/565 of 2004-05 Dtd. 05.01.2005

Please find enclosed herewith the **101st and Final RA Bill** against the work of Design, Fabrication, Erection and Commissioning of Penstock Steel Liner and All of the Hydro-Mechanical Works/Equipments under Package-IV, Kameng HE Project, A.P. for an amount as below :

Net Bill amount in 101th RA Bill : Rs.1,03,83,820.00

(Rupees One Crore Three Lakh Eighty Three Thousand Eight Hundred and Twenty) only in favour of M/s OMIL+JSC-JV.

This is for your further needful please.

Enclo: 1) Bill Form and Audit Slip.
2) MB. No. 314 (Abstract), 7285

K. Kalita 09/01/2024

DGM(C)/ EIC, Pkg-IV
Kameng HPS, Kimi
Dated: 09/01/2024

Memo No. NEEPCO/KaHEP/EIC/PKG-IV/T-17/2023-24/
Copy to :

1. The HOP, KaHPS, Kimi for kind information.
2. M/s OMIL+JSC-JV, New Delhi for information.

DGM(C)/ EIC, Pkg-IV
Kameng HPS, Kimi

Ch to Cont. of PKG IV Work

NS . NEEPCO/KaHEP/WB/PKG-IV/G1 dt. .01.2024

IV - Memorandum of payments

1. Total value of work actually measured as per Acct I, col 8, Entry (A)				Rs. 202,51,29,017	P. 49
2. Total 'Up to date" Advance payments for work not yet measured as per Acct I, Col 3, Entry (B)				1,01,25,643	N
3. Total 'Up to date' Secured advance on security of materials as per Acct II, Col 8, Entry (B)				201,50,03,372	10
4. Total (Item 1,2,3)					
5. Deduct amount withheld -					
Figures for work abstract		(a) From previous bill as per last Running Account Bill			
Rs.	P.	(b) From this bill			
		Less payment already made upto last R.A. Bill	190,93,21,885	10	5
		Retention money withheld again	5,48,28,729	49	
		Excess payment against Bill	4,84,69,343	93	
				(-) 200,46,19,552	N
6. Balance, i.e. "Up to date" payments (Item 4 - 5) (K) *				103,83,821	N
7. Total amount of payments already made as per entry (K) of last Running Account Bill No of forwarded with account				99,81,442	10
8. Payment now to be made as detailed below:-				998 688	10
(By recovery of amounts creditable to this work		Value of Tools & Plants excluded	Rs.	P.	899 6nn
(a)		(a) Add 9% CGST			
		Less 9% SGST			
		Total 5(b) + 8(a) (G)			117,81,642
(b)		By recovery of amounts creditable to other work or heads of account Deposit - Deduction on account of TDS - IT &			459 224 10
		(a) By cheque			(-) 459 224 10
		Total 3(b) -(c) (H)			

Pay Rs. ₹ (Rupees one Crore Twelve lakh Eighty two Thousand Two hundred Seventy Six only)

Received Rs. ₹ as per above memorandum on account of this work

(amount in vernacular) Signature

Dated initial of Disbursing Officer

Stamp

Dated the

₹ Witness

Full Signature of Contractor

Paid by me, vide cheque No. Dated

Cashier

(Dated initial of person actually making the payment)

* This figure should be tested to see that it agrees with total of 7 and 8. If the net amount to be paid is less than Rs. 10 and it cannot included in a cheque, the payment should be made in cash. This entry being altered suitably alteration attested by d

Here specify the net amount payable - vide item 8D

The payee's acknowledgement should be for the gross amount paid as item 8 (i.e a+b+6c)

*Payment should be attested by some known person when the payee's acknowledgement is given a mark seal or thumb impression.

REMARKS

This space is provided for ant remarks, which the disbursing Officer or the Executive Engineer may wish to record in respect of the execution of the work, check of measurements or the state of contractor's account

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED.

(A Govt. of India Enterprise)

KAMENG HYDRO POWER STATION, KIMI,

WEST KAMENG DISTRICT, ARUNACHAL PRADESH

Phone no. (03787) 273562: e-*mail:* emgkahep@rediffmail.com

CIN no. U40101ML1976GOI001658

No. NEEPCO/KaHEP/EMG/GT/F-2(A)/21-22/ 1125 Date: 12.11.2021

To,

M/s Bharat Heavy Electricals Ltd.,
Regional Operation Division,
1st Floor, Part-1B, H. No. 01, Banphool Nagar Path,
Beltola Basistha Road, Near House Fed Bus Stop,
Opposite Rajdhani Apartment,
Dispur, Guwahati – 06.

Kind Attn: *Mr. B. Das, Regional Manager*

Sub: **Detailed Order for Design, Manufacture, Testing at Manufacturer's Works, Supply, Transportation, Delivery at site, Insurance, Supervision of Erection, Testing and Commissioning of Transformers for 4x150MW Kameng Hydro Power Station, Arunachal Pradesh.**

Ref:
1) Contract Agreement No. NEEPCO/ED(C&P)/QP-924/Kameng/Package-VII/Vol-IV/06-07/ dated 19-01-2009.
2) Our letter No. NEEPCO/KaHEP/EMG/PH/F-94/2020-21/968 dated 21-11-2020.
3) Your offer no. RE/GAU/0170/2020 dated 09-12-2020.
4) Letter no. NEEPCO/KaHEP/EMG/GT/F-2(A)/Vol-I/20-21/1109 dated 15-12-2020.
5) Your email dated 15-12-2020.
6) Your email dated 23-12-2020.
7) Our email dated 01-01-2021.
8) Your email dated 02-01-2021.
9) Minutes of Meeting held between NEEPCO and BHEL, ROD on 25-01-2021.
10) Our email dated 10-02-2021.
11) Your email dated 13-02-2021.
12) LOI No. NEEPCO/KaHEP/EMG/GT/F-2(A)/20-21/1525 dated 24-02-2021.
13) Your Acceptance vide email dated 26-02-2021.
14) Our letter no. NEEPCO/KaHEP/EMG/GT/F-2(A)/20-21/1560 dated 27-02-2021.
15) Your letter no. RE/GAU/0022/2021 dated 06-06-2021.
16) Bank Guarantee No. 1731321BG0000504 dated 11-05-2021.

Dear Sir(s),

With reference to above, we are pleased to issue this detailed work order for supply, supervision of erection, testing & commissioning of 2(two) nos. 63MVA 13.8/420 kV 1-ph Generator Transformer for 4 x 150MW Kameng HE Project, Arunachal Pradesh as per scope and agreed terms & conditions mentioned below.

1.0 **Scope**:

Design, manufacture, testing at manufacturer's works, supply, transportation, delivery at site, transit Insurance with insurance coverage of the equipments during loading & unloading at site including 60(sixty) days beyond delivery at site, supervision of erection, testing & commissioning of 2nos Generator Transformer of capacity 63 MVA, 13.8/420 kV, 1-ph and other auxiliaries complete for 4x150MW Kameng HE Project, Arunachal Pradesh.

The scope of supply under the contract is up to the delivery of the transformers at project site, accordingly transfer of risk, title and ownership shall be Project site.

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED.

(A Govt. of India Enterprise)

KAMENG HYDRO POWER STATION, KIMI,

WEST KAMENG DISTRICT, ARUNACHAL PRADESH

Phone no. (03787) 273562: e-*mail:* emqkahep@rediffmail.com

CIN no. U40101ML1976GOI001658

2.0 Technical Specification:

The technical specification shall be as per the technical specification of the Generator Transformer (63MVA, 13.8/420KV, 1-ph) supplied under the contract no. NEEPCO/ED(C&P)/QP-924/Kameng/Package-VII/Vol-IV/06-07 dated 19/01/2009. The bushing shall, however be RIP bushing with interchangeability with the existing Generator Transformers of Kameng HEP and there shall be provision for online DGA (both top & bottom).

3.0 Prices:

The total contract price shall be ₹ 1228.38 Lakhs including GST as detailed below.

Sl. No.	Description	Qty	Amount (Rs)
1.0	Ex-works price of 63MVA, 13.8/420kV Generator Transformers with all fittings & accessories and compulsory spares including transformer oil.	2 Nos.	9,48,00,000.00
2.0	Freight & Insurance charges for Transportation up to Project Site.		76,00,000.00
3.0	Supervision of Erection, Testing and Commissioning.		17,00,000.00
		Total	**104100000.00**
		GST @ 18%	1,87,38,000.00
		GRAND TOTAL	**12,28,38,000.00**

(INR Twelve Crore Twenty Eight Lakh and Thirty Eight Thousand) only

The prices shall remain FIRM till successful completion of the Contract. All Bank charges shall be to your account.

4.0 Consignee:

The equipment under this contract shall be consigned to:

The Manager (E/M),
Store & Spare Management,
Kameng Hydro Power Station,
NEEPCO, West Kameng District,
Kimi, A. P.

Copies of dispatch documents to be forwarded to:

The Head of Department,
Plant Electro-Mechanical Works
Kameng Hydro Power Station,
NEEPCO, West Kameng District,
Kimi, A. P

5.0 Completion Period:

The delivery of the transformers shall be within 12 (twelve) months from the date of receipt of letter of Intent and completion shall be within 1(one) month thereafter. All standard norms for transportation of transformer shall be followed.

6.0 Contract Performance Guarantee(CPG):

Performance Guarantee in the form of a Bank Guarantee from a nationalized / schedule Bank shall be furnished in the prescribed format (Annexure-I) for an amount equivalent to 3% of the contract value within 30(thirty) days from the date of issue of LOI. The BG shall remain valid till 90(ninety) days beyond the warranty period.

7.0 Payment Terms:

I. For Supply

i) 75% (seventy five percent) of Ex-works price along with 100% applicable taxes & duties shall be paid against dispatch and production of the following documents to the Consignee.
   a) Tax Invoice.
   b) Proof of Dispatch.
   c) Detailed Packing List.
   d) Test Certificate and / or duly approved inspection certificate, or proof of waiver of inspection / tests.
   e) Dispatch Clearance Certificate.
   f) Documentary evidences against payment of Taxes & Duties.

ii) 15% (fifteen percent) of Ex-works price along with F&I on receipt of materials at site in full & good condition and duly signed by the Engineer in charge.

iii) Balance 10% (ten percent) of Ex-works price shall be released within 90 days after completion of the warranty period. However, the balance 10% may also be released on submission of Bank Guarantee for an equivalent amount with interest @ 1.5% (one and half percent) above BPLR of State Bank of India with validity period to cover 90 days after completion of the Warranty Period.

II. **For Supervision of Erection & Commissioning:**
100% (hundred percent) payment towards the supervision of erection & commissioning shall be paid after successful commissioning of each Generator Transformer on Certification by the Engineer-in-charge.

8.0 Insurance:

The transit insurance shall be as per insurance clause of our existing contract no. NEEPCO/ED(C&P)/ QP-924/Kameng/Package-VII/Vol-IV/06-07/ dated 19-01-2009 under reference at sl-1.

The consignments shall be duly insured by the Contractor against possible damage/loss during loading, transportation, up to site and transit insurance coverage of the entire equipment valid up to 60(sixty) days beyond delivery at site. Any loss/damage during transit shall be intimated to the Contractor within 60(sixty) days from the date of receipt of the consignment by the Consignee and the Contractor shall take immediate action for replacement/rectification of the loss/damage. The Contractor shall have the sole liability/responsibility for settlement of claim with the under-writer towards loss/damage, if any, and therefore, replacement/rectification of the loss/damage shall be made good immediately and without for settlement of claim.

The Contractor shall at his own cost, arrange, secure and maintain insurance as may be pertinent to the works and obligatory in terms of law to protect his interests and the interest OF THE Purchaser against all possible risks. The form and the limit of such insurance, as defined herein together with the underwriter thereof in each case shall have to be acceptable to the Purchaser. However, irrespective of such acceptance, the responsibility to maintain adequate insurance coverage at all times during the period of the Contract shall be that of the Contractor alone. The Contractor's failure in this regard shall not relieve him of any of his contractual obligations. The insurance covers to be taken by the Contractor shall be in the joint name of the Purchaser and Contractor. The Contractor shall deal directly with the insurance company or companies and shall be responsible in regard to maintenance of insurance covers.

9.0 TDS/TCS:

The TDS/TCS shall be as per relevant provision of Income Tax Act.

10.0 Paying Authority:

11.0 The Head of Finance, F&A, Kameng Hydro Power Station, Kimi, West Kameng District, Arunachal Pradesh shall be the paying authority.

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED.

(A Govt. of India Enterprise)

KAMENG HYDRO POWER STATION, KIMI,

WEST KAMENG DISTRICT, ARUNACHAL PRADESH

Phone no. (03787) 273562: e-*mail:* emgkahep@rediffmail.com

CIN no. U40101ML1976GOI001658

12.0 **Testing & Commissioning:**
All routine tests including SFRA test shall be carried out at factory before dispatch and at site as per the Contract no NEEPCO/ED(C&P)/QP-924/Kameng/Package-VII/Vol-IV/06-07 dated 19/01/2009

13.0 **Liquidated Damage:**
In the event of delay in delivery of equipment from that of the contractual commitment, levy of liquidated damages shall be @ 0.5% of total contract value of each transformer per week of delay or part thereof subject to a maximum of 5% of the total contract value of the individual transformer.

14.0 **Warranty:**
Warranty of the equipment shall be 12(twelve) months from the date of successful commissioning or 24(twenty four) months from the date of supply whichever is earlier.

This supply order shall constitute the formation of Contract and shall become effective and binding for both the parties (Purchaser and Supplier).

We request you to acknowledge receipt of this order with unconditional acceptance.

Yours Faithfully,

12/11/2024

(B. Sen)
General Manager (E/M)
Head of Department
Plant Electro-Mechanical Works

Certificate for Commissioning of Transformer

420/13.8 KV, 63 MVA GT Transformer Sr.No. 2008737 supplied by M/s- Bharat Heavy Electricals Limited against contract No. NEEPCO/PE&MM/Comml/GTs/Kathal(A)/21-23/1123 Dated 11.11.21 has been successfully commissioned at 400 KV Sub-Station KathPS on Dated 25/04/2022 at 1824 Hrs.

Place: Kameng, KathPS

Date:

Name & Designation:

Seal: वरिष्ठ प्रबंधक (वै.या.)
Senior Manager (E/M)
पी.ई.एम.डब्ल्यू., कथ.ज.प.स., नीपको लि., किमि(अ.प्र.),
PEMW, KathPS, NEEPCO Ltd. Kimi (A.P.)

MOM held between NEEPCO, Kameng Hydro Power Station and BHEL, Jhansi TP on dated 25.03.2024

Members present

NEEPCO	BHEL
Mr. Ashish Kumar Sahoo (Sr. Mngr. (M))	Mr. Shekhar Mani Subba (Engr.)
Mr. Rijul Deshwania (Engr. (M))	
Mr. Anil Kumar (Asstt. M)	

Representative of BHEL, Jhansi visited the Kameng site on 19.03.24 for the following activities

A. GT Sl. No. 2052876

1. The GT Sr. No. 2052876 was already erected in its position and hot oil circulation was also completed by NEEPCO.
2. All the low voltage test and SFRA testing of the transformer was done and the results were found within the limits. BHEL, Jhansi reviewed the electrical and oil test reports and cleared the transformer for charging.
3. The GT is also charged on 23.03.24 and was kept under observation for more than 12 hours as per BHEL advice.
4. The UF3 was synchronized with the grid on 24.03.24 and GT gradually loaded up to full load. All the parameters are normal and unit generating successfully.

B. GT Sl. No. 2038820

1. The GT fire incident occurred during excitation after unit maintenance due to internal fault on Sr. No. 2038820 and kept in spare transformer bay by NEEPCO.
2. The in situ HV winding resistance test was done but couldn't success. However, LV winding resistance test was done successfully.
3. The magnetic current test at HV was carried out and results found within normal limit.
4. The oil was drained partially from the GT for facilitate inspection of tap changer. During inspection, it is observed that the complete tap changer with top cover was completely damaged and break in two pieces.
5. The HV busrang was dismantled and GT was dragged to service bay by NEEPCO for further inspection of the winding & tap changer. The cover of the GT was removed and damaged tap changer was lifted from inside.
6. The GT winding, tank etc. are completely cleaned and washed with hot oil of temp. above 60 degree Celsius with oil BDV above 80KV.
7. The HV winding resistance in each tap as well as LV winding resistance measured in cover dismantled condition and found values near to factory test values. Again

the LV winding magnetic current test also conducted and result are also within range.

8. The GT cover was re fitted and filtered oil filled up to core level after getting required BDV value. The GT will be kept in the oil filled condition till the repairing/replacement of tap changer works. However, in case of transportation of the GT to BHEL works for repairing, the same need to be refilled with N2 or as directed by BHEL on real time.

Detail observation

1. GT tap changer assembly, cover & hardware were completely damaged which is beyond repair condition.

Conclusion:

Based on the test reports & visual inspections, it appears that both windings, core etc. are in healthy condition and only tap changer needs to be changed. However final detailed report and further course of action will be shared by BHEL Jhansi HO after analysis via E-mail within 3 days.

C. Dry Type Transformer Sl. No. 2023188

1. Crack was found in two Nos. Delta connection area which is repaired with resin hardener & glass fibre powder at Kameng site.
2. The IR & PI value of this DTT was measured and found in poor value. So, put it under heating for improvement of IR & PI.
3. BHEL Jhansi will share the SOP for testing and commissioning of DTT within 3 days.

BHEL representative will be leaving the site on 26.03.24 forenoon.

NEEPCO

25/03/24

25/3/24

BHEL

25/03/24

ANNEXURE "8"

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

KPC, KIMI, A.P.

1041/99

PAYMENT VOUCHER

Payable to : M/s OJA Automobiles Pvt. Ltd., / OJA Earth Movers.

Vendor / Emp.Code No. 103234

MIRO No. 5105621318

Head of Account	Code No.	AMOUNT Gross	Deduction	Net
Plant and Machinery.	50050005	45,50,000=00	—	—
TDS-IGST	20702117	—	77,119=00	—
Bank	10821382	—	—	44,72,881=00
	Total	45,50,000=00	77,119=00	44,72,881=00

Receipt — Rupees Forty four lakh seventy two thousand eight hundred eighty one. only

Narration Payment made for procurement of JCB 14320 Hoss 4 Stroke Hydraulic Excavator.

Passing Record

Prepared AA/Accountant

Checked by AAO/Sr. Accountant

Passed by

AAO ..... AO .....

AM(F) / DM(F) / M(F) Sr M (Fin)

Payment Details

Voucher N : 2311013056

Date : 05-07-2023

Cheque No. : CMP 15BF

Date : 05-07-2023

Cashier ..... Sr. Acctl. .....

AAO / AO / AM(F) DM (F) / M(F) / Sr. M (F) / DGM (F)

Invoice

GeM Invoice No: GEM-31049034
GeM Invoice Date: 29-May-2023

Order No: GEMC-511687742345609
Order Date: 08-May-2023

Click here to download seller invoice

SELLER DETAILS:
Address: **OJA AUTOMOBILES PRIVATE LIMITED**
-, Basistha Chariali, GUWAHATI, ASSAM, 781029
Email Id: kushalnath.jcb@gmail.com
Contact No : 09678076106
GSTIN: 18AAACO7801N1Z5

SHIPPING TO:
Consignee Name: Jayanta Gayan
Address: Kameng Hydro Power Station Kimi, West Kameng
WEST KAMENG
ARUNACHAL PRADESH 790114

BILL TO:
Buyer Name: Jayanta Gayan
Address: Kameng Hydro Power Station Kimi, West Kameng
WEST KAMENG ARUNACHAL PRADESH 790114

Seller Tax Invoice Number	Seller Tax Invoice Date	Dispatch Mode	Dispatch Date
2300047	08-May-2023	Transport	22-May-2023

Type of Transport	Tracking No	Tracking URL	Type & No of Packages
Road/Truck	851314140500	Click here for tracking	Custom 1

Place of Supply	Place of Supply State (State/UT Code)	Supply Type	Buyer GSTIN Number
Buyer Location	Arunachal Pradesh / 12	Inter-State	12AAACN9991J3Z1

Delivery Instruction	NA

Product Description	HSN Code	Measurement Unit	GST UQC Name	Supplied Qty	Unit Price	Total Price inclusive all Taxes
JCB 14320 kilogram Operating Mass 4 Stroke Crawler Hydraulic Excavator	84295200	pieces	KILOGRAMS	1	Rs. 4550000.00	Rs. 4550000.00
				Taxable Amount		Rs. 3855932.20
				Tax Rate (%)		18
				IGST		Rs. 694067.80
				Cess Rate (%)		0.000
				Cess Amount		Rs. 0.00
				Cess in Quantum		Rs. 0.00
				Rounding Off		Rs. 0.00











नॉर्थ ईस्टर्न इलैक्ट्रिक पावर कॉरपोरेशन लि.
(भारत सरकार का उपक्रम)
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A Govt. of India Enterprise)
CONTRACTS & PROCUREMENT
KAMENG HYDRO POWER STATION
KIMI, WEST KAMENG, ARUNACHAL PRADESH
PIN- 790 114, Ph. 03787- 273 562, Email: cnpkahps@neepco.co.in CIN: U40101ML 1976GOI001658

NEEPCO/KaHPS/C&P/A3/Vol-I/ 185

Date:01.12.2022

To,

M/S GLOCON,
Manav Kalyan Namghar Road,
Near Namghar,
Tinsukia-786 125
Email: -gloconpk@rediffmail.com

Sub.: Work order for supply and installation of 11 kV grade Aerial Bundled Cables for Valve House at Kameng Hydro Power Station, Kimi, Arunachal Pradesh.

Ref.:
01 NILT No-NEEPCO/KaHPS/C&P/01 dtd.16.07.2022.
02 Our Letter no-NEEPCO/KaHPS/C&P/A3/Vol-I/63 dtd.16.07.2022
03 Your Bid submitted vide letter no- GL/2022-23/NEEPCO-KaHPS dtd.22.07.2022

Dear Sirs,

With reference to the above, we are pleased to place this work order on you for supply and installation of 11kV grade aerial bundled cables from 33/11 kV Sub-Station to Valve house at Kameng Hydro Power Station, Kimi, as per the terms and conditions mentioned below.

TERMS AND CONDITIONS

1. **SCOPE:** The scope of the work shall be the design, supply, delivery, insurance, site storage, transportation from site stores to erection places, material handling, site fabrication, assembly, erection, testing and commissioning of materials consisting of 11 kV grade aerial bundled cables over steel tubular poles from 33/11 kV Sub-Station to Valve House at Kameng HPS, in complete as per the technical specifications & price schedule.
2. **DELIVERY AND COMPLETION PERIOD:** The complete supply, erection, testing and commissioning of above work shall be completed within 4(four) months from the date of issue of work order.
3. **STANDARDS:** All the items and erection standards covered under this contract shall conform to the relevant Indian Standards.
4. **CONTRACT PERFORMANCE GUARANTEE:** The contractor shall furnish a Bank Guarantee in prescribed format from any nationalized/scheduled bank, for an amount equal to 3% (three percent) of the contract value.

   The Bank Guarantee shall be initially kept valid for such period to cover 90(ninety) days beyond the warranty period.

The Bank Guarantee shall be returned to the Contractor without any interest at the end of 90 (ninety) days after the warranty period subject to fulfillment of the contract in all respects.

5. **ITEMS AND PRICE**: The Total price for complete supply and erection work against this contract is **INR 31,86,448.00 (Rupees Thirty-One Lakhs Eighty-Six Thousand Four Hundred Forty-Eight)** only including all taxes & duties, freight and insurance. The unit rates are firm till completion of the work. NEEPCO, however reserves the right to vary the quantities of items or group of items ordered as specified in the price schedule, as may be necessary, during the execution of the contract. On upward or downward revision of the quantity of items or group of items depending on site conditions, the payment will be made on actual basis and as per the unit rates mentioned in the price schedule. The price schedule is as per **Annexure-I** attached.

6. **PAYMENT TERMS:** Subject to any deductions or adjustments which the purchaser is authorized to make under the contract, the contractor shall be entitled to payments as follows;

For Supply:

(i) 80% (Eighty Percent) of total basic price for supply with 100% F&I and 100% applicable taxes and duties shall be paid after delivery at site in full and good condition as duly certified by the Engineer-In-Charge and on production of the following documents to the consignee: -

a. Proof of dispatch (Lorry receipt/railway receipt)
b. Contractors detailed invoice
c. Documentary evidence against payment of taxes and duties

Part Payment as per delivery of material shall be applicable.

(ii) Balance 20% (Twenty Percent) shall be paid after successful erection & commissioning as duly certified by the Engineer-In-Charge.

For Erection Testing and Commissioning:

100% (Hundred Percent) payment shall be released after successful erection, testing and commissioning of the system.

7. **PAYING AUTHORITY:** The DGM(F), F&A, KaHPS, NEEPCO, Kimi shall be the paying authority. Payment shall be made through RTGS/. All bank charges shall be to the contractor's account.

8. **ENGINEER-IN-CHARGE**: The General Manager(E/M), PEMW, Kameng Hydro Power Station or his authorized representative shall be the Engineer-In-Charge.

9. **CONSIGNEE**: The Manager(E/M), Stores & Spares Management, KaHPS, NEEPCO, Kimi, Arunachal Pradesh shall be the consignee for receipt of material at site.

10. **WARRANTY:** The contractor shall warrant that the materials supplied by them will be new and in accordance with the specifications and shall be free from any defects in design, materials and/ or workmanship for a period of 12 (twelve) months from the date of

i. GA drawings of supporting structures, stay wires assembly, clamp, connectors etc.
ii. Fixing arrangement of ABC cables on poles.
iii. Support structure arrangement for straight support and angle/dead end support with design calculation.
iv. Pole foundation drawings and stay foundation drawings.
v. Fixing arrangement of stay wire assembly in ground as well as in structures.
vi. Detailed route alignment & support structure locations with angle of deviation.

15. **INSPECTION & TESTING:** All the items supplied by the contractor shall be inspected such as visual, dimensional, conformity to relevant standards etc. On obtaining clearance from the owner the materials shall be passed for erection. Also, all the erections shall be inspected to check conformity of technical specifications etc. and relevant standards. Necessary testing as per Indian Standard and technical specification shall be carried out during commissioning of the transmission line. The purchaser reserves the right to waive inspection & testing. However, waiver accorded by the purchaser shall not absolve the Contractor towards the execution of the contract in conformity with the contract provisions.

16. **BREACH OF CONTRACT**: In case of breach of any terms and conditions of the contract by the Contractor, the Corporation shall have the full power to rescind, cancel or terminate the whole or a part of the contract and get it done through any other agency at the risk and cost of the contractor and without prejudice to any other right of the corporation provided in the contract. The decision of the Corporation in this regard shall be final and binding.

17. **OTHER TERMS & CONDITIONS:** The detailed order read in conjunction with bid documents and all other correspondences will constitute a binding contract between the contractor and the purchaser.

You are requested to acknowledge receipt of this work order and confirm your acceptance thereof.

Thanking you,

Enclosed: As stated above.

Yours faithfully,

S.S Bhatt 1.12.22

(S.S Bhattacharyya)
GM(E/M)
Contracts & Procurement
Kameng HPS, NEEPCO

commissioning/ handing over of the transmission line and also warrant the erection workmanship of all materials for a period of 12 (twelve) months from the date of commissioning/handing over of the transmission line. The contractor's liability shall be limited to the replacement of any defective parts in the component or rectification of defective workmanship of erected materials.

11. **LIQUIDATED DAMAGE FOR DELAY IN COMPLETION:** Time is the essence of the contract. If the performance of the contract is delayed beyond the dates stipulated in the contract due to reasons attributable to the contractor, the contractor will be liable for payments as liquidated damage not as penalty, for the delay at the rate of ½% (half percent) of the contract price per week or part thereof of the uncompleted portion. The total amount of liquidated damage leviable and recoverable from the contractor will not exceed 10% (ten percent) of the contract Price. However, even after imposition of this clause by the Purchaser, the Contractor should take all necessary steps to complete the stipulated works as soon as possible.
However, in case of delay in clearing and handing over the site for work by the Owner, suitable time extension shall be given to the contractor. Although the time for completion of works shall be suitably extended, such extension shall not result in any financial claim of the Contractor against the purchaser on any account whatsoever.

12. **INSURANCE:** (i) The contractor shall at his own cost arrange, secure and maintain insurance as may be pertinent to the works and obligatory in terms of law to protect his interests and the interests of the purchaser against all possible risks. The form and the limit of such insurance, as defined herein together with the underwriter thereof in each case shall be acceptable to the purchaser.
However, irrespective of such acceptance, the responsibility to maintain adequate insurance coverage at all times during the period of contract shall be that of the contractor alone. The contractor's failure in this regard shall not relieve him of any of his contractual responsibilities and obligations. The insurance covers to be taken by the contractor shall be in the name of the contractor. The contractor shall deal directly with the insurance company or companies and shall be responsible in regard to maintenance of all insurance covers.

(ii) All costs on account of insurance liabilities covered under the contract will be to the contractor's account and is included in the price.

13. **REGULATIONS FOR LABOUR, LOCAL AUTHORITIES:** The Contractor shall at his own cost comply with all the provisions of acts, laws, regulations, rules or by laws of the central Govt., state Govt. and or any local and statutory authority applicable on the matters of the performance of the contract including but not limited to matters in respect of engagement of labour. The contractor shall indemnify the owner against any payment to be made under all such applicable laws/acts.

14. **Drawings & Design:** The drawings & design /other documents to be furnished for approval to the owner shall be in 4(four) copies. One copy of such drawings /documents shall be returned to the contractor duly approved.
The contractor shall furnish minimum the following drawings/design calculations in 4(four) copies within 15 days from the date of issue of work order.

Annexure-I

SCHEDULE OF ITEMS & PRICES

Supply and installation of aerial bundled cables

ALL PRICES IN RUPEES

Sl no	Particulars	Unit	Qty	Basic Rates	Total
A	**Supply**				
1	11KV (E) Grade, 3 X 50 sq.mm + 1 X 35 sq.mm bare messenger Aerial Bundle Cable with 3(three) Power Cores(stranded,compacted circular aluminium conductor screened with black extruded semi-conducting compound,natural coloured XLPE insulated core screened with black extruded semi conducting compound and one layer of copper tape and covered with black extruded PVC, core identification by colour tape marking red,yellow and blue with colour tape placed longitudinally under the copper tape) and one bare messenger wire shall be stranded non-compacted circular aluminium alloy conductor.The cable should conform to IS:8130-1984,IS:398(Part-IV)-1994,IS:7098(Part-II) 2011 & IS:5831-1984 with up to date amendments,if any.	M	2000	580.00	1160000.00
2	Self-tightening anchoring (Dead end) clamp with pole bracket including Stainless Steel Strap & Buckle.	Nos	52	500.00	26000.00
3	Self-locking Suspension Clamp with pole bracket including Stainless Steel Strap & Buckle.	Nos	75	520.00	39000.00
4	Stainless Steel strap of Size 20mm*0.7mm & Buckle width 20 mm.	Nos	100	250.00	25000.00
5	Heat Shrink type straight through Cable Jointing kit suitable for 11 KV 1C x 50 sq.mm AB Cable for Outdoor application	Nos	27	4700.00	126900.00
6	Swaged Type Steel Tubular Poles 9 Mtr, 410-SP-33, for supporting ABC (particular **Technical Specifications-B** indicated below shall be referred) (Make: Utkarsh/Jindal/Nezone/Karan Pole are preferable)	Nos	32	16000.00	512000.00
7	Rigid Heavy Duty 2.0 mm thick PVC pipe - 20 mm dia (1.5 Mtr in length): Reputed make and Best Quality	Nos	72	90.00	6480.00
8	Cable termination outdoor type suitable for above mentioned 1 x 50 Sq.mm AB cable (Raychem make is preferable)	Nos	12	6000.00	72000.00
9	Cable termination indoor type suitable for above mentioned 1 x 50 Sq.mm AB cable (Raychem make is preferable)	Nos	4	6000.00	24000.00
10	**Total Basic Price**				1991380.00
11	**Add GST @ 18%**				358448.40
12	**Total for supply with GST**				**2349828.40**
B	**Erection Works**				
1	Survey & Tree Cutting	LS	1	50000.00	50000.00
2	Stringing of HT AB Cable including fittings of All Accessories	Mtr	1900	200.00	380000.00
3	Erection of 9 Mtr Swaged Type Steel Tubular poles in cement concrete	Nos	32	2000.00	64000.00
4	Erection of 8 Mtr long octagonal pole with set of four foundation bolts **Pole & Bolts shall be provided by NEEPCO**). As per specifications .	Nos	40	2000.00	80000.00
5	Labour charge for Coil Earthing with 8 SWG GI wire **(GI Wire shall be provided by NEEPCO)**	Nos	72	500.00	36000.00
6	Fixing of straight through cable jointing, termination kit suitable for 11 KV 1C x 50 sq. mm AB Cable for Outdoor/indoor Termination application	Nos	36	1500.00	54000.00
7	Erection of Stay set in cement concrete as per specifications**(Stay sets shall be provided by NEEPCO)**	Nos	45	1000.00	45000.00
8	**Total Basic Price**				709000.00
9	**Add GST @ 18%**				127620.00
10	**Total for Erection & Commissioning with GST**				**836620.00**

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MINUTES OF MEETING BETWEEN NEEPCO AND M/S GLOCON ON 01-04-2023

Sub: Work order for Supply & Installation of 11 kV grade Aerial Bundle Cables for Valve House at KaHPS, Kimi, Arunachal Pradesh.

Ref: 1) W/O No. NEEPCO/KaHEP/C&P/Vol-I/185 Dated 01.12.2022

Refer to the above mentioned subject and reference, the M/s Glocon, Tinsukia, have carried out the supply of materials in full and in good condition. However, the work of execution which has been successfully completed on 24.03.2023, certain modifications has to be carried out as per the site requirement the complete measurement of the works are as follows:

Sl.No	Description of work	Unit	Measurement of actual work carried out
		Job	Completed
1	Survey & Tree Cutting	Mtr	1770
2	Stringing of HT AB Cable including fittings of All Accessories	Each	41
3	Erection of 9 Mtr Swaged Type Steel Tubular poles in cement concrete	Each	Nil
4	Erection of 8 Mtr long octagonal pole with set of four foundation bolts (Pole & Bolts shall be provided by NEEPCO).	Each	41
5	Labour charge for Coil Earthing with 8 SWG GI wire (GI Wire shall be provided by NEEPCO)	Each	21
6	Fixing of straight through cable jointing, termination kit suitable for 11 KV 1C x 50 Sq mm AB Cable for Outdoor/Indoor Termination application	Each	45
7	Erection of Stay set in cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required. (Stay set shall be provided by NEEPCO)		

The constructed 11 kV line is under charged condition since 24.03.2023 and catering load of Valve House and Surge Shaft successfully.

For NEEPCO Ltd.

01/04/23
(N. I. Gogoi)

01/04/2023
(P. R. Sen, AEG/A)

For M/s Glocon, Tinsukia

GLOCON
PROPRIETOR

नॉर्थ ईस्टर्न इलेक्ट्रिक पॉवर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
कामेंग जल विद्युत परियोजना, किमि, वैस्ट कामेंग (अरुणाचल प्रदेश)
KAMENG HYDRO POWER STATION, KIMI, WEST KAMENG, ARUNACHAL PRADESH
Phone no. (03787) 273562: e-mail: emgkahep@rediffmail.com
CIN no. U40101ML1976GOI001658
Address for correspondence: NEEPCO GUEST HOUSE, MAZGAON (NEAR SCIENCE ACADEMY), P.O. NIKAMUL, TEZPUR-784001

No. NEEPCO/KaHPS/PEMW/F-117/Vol-II/2023-24/294 dtd. 23/06/2023

To,

M/s D.D. Metal Corporation,
Tribeni's Commercial Complex,
A-17, 1st Floor, GS Road,
Ulubari, Guwahati – 781 007
Email – ddmcghy@gmail.com

Sub: **Detailed order for Design, Engineering, Manufacture, Testing, Supply, Delivery, Assembly, Erection and Commissioning of Illumination System and LTAC distribution system at Tenga Dam of Kameng Hydro Power Station.**

Ref: 1) Our letter No. NEEPCO/KaHPS/PEMW/PH/F-117/2023-24/04 dated 06/04/2023
2) Your letter No. DDMC/0005/2023-24 dated 15/04/2023
3) Minutes of Meeting held at Kimi on 25/04/2023
4) Our LOI No. NEEPCO/KaHPS/PEMW/F-117/Vol-II/2023-24/113 dated 17/05/2023
5) Your acceptance of the LOI vide email dtd. 18/05/2023

Dear Sir,

With reference to the above, we are pleased to place this detailed order for design, engineering, manufacture, assembly, testing at manufacturer works, transportation including transit insurance, delivery at site, erection, testing and commissioning of Illumination system and LTAC distribution system as per Terms and conditions mentioned hereunder:

Terms & Conditions:

1. **SCOPE:** The scope of the work is design, engineering, manufacture, assembly, testing at manufacturer works, transportation including transit insurance, erection, testing and commissioning of the following:
   i) Illumination System viz. Lighting Distribution Board, Lighting Poles, LED Lamps and fixtures, conduits, wires, connectors, junction boxes, supports, material for earthing and any other items for Tenga Dam.
   ii) Power Cable, Grounding System and required ancillary items.
   iii) LTAC panel and switchgear.

   Detailed scope is elaborated at the General and Particular Technical Requirement, Schedule of Requirement as enclosed under letter referred at Sl No. 1 and subsequent correspondences/MoM dtd 25/04/2023.
2. **DELIVERY AND COMPLETION PERIOD:** The work shall be completed in all respects within 6-8 months from the date of issue of the LOI.
3. **CONTRACT VALUE:** Total price for complete scope is **₹ 83,17,197.00/-** (INR Eighty-Three Lakh Seventeen Thousand One Hundred Ninety-Seven) only, which is inclusive of GST @ 18%. The detail break-up is given at the Schedule of Prices (**Annexure-I**).
4. **PAYMENT TERMS:** The terms of payment for the Contract shall be as below-

   A. For Supply:

   (i) 80% (eighty percent) of Total Basic Price for supply with 100% F&I and 100% applicable taxes and duties, shall be paid after delivery at site in good condition as duly certified by the Engineer-in-Charge and on production of the following documents to the consignee:
   (a) Proof of dispatch (Lorry receipt / railway receipt).
   (b) Contractor's detailed Invoice.

(c) Documentary evidence against payment of Taxes and Duties.

(ii) Balance 20% (twenty percent) shall be paid after successful erection & commissioning as duly certified by the Engineer-in-Charge.

B. <u>For Erection & Commissioning:</u>

100% (hundred percent) payment shall be released after successful erection, testing and commissioning of the equipment/system.

5. **CONTRACT PERFORMANCE GUARANTEE**: Within 15 (Fifteen) days from the date of issue of the Letter of Intent, a Bank Guarantee for an amount equal to 3% (three percent) of the Total Contract Price shall be furnished as Contract Performance Guarantee as per format enclosed with LOI with initial validity for such period to cover 90 days beyond the completion of the warranty period as per the Contract. The BG No. 0022123BG0000043 dtd 16/06/2023 for Rs. 2,49,526/- with validity till 15/12/2024 has since been received.
6. **ENGINEER IN CHARGE:** The General Manager (E/M), PEMW, Kameng Hydro Power Station, NEEPCO, Kimi, Arunachal Pradesh or his authorized representative shall be the Engineer In-charge of the Contract.
7. **PAYING AUTHORITY**: The Head of Finance, Kameng Hydro Power Station, NEEPCO Ltd., Kimi, Arunachal Pradesh shall be the paying authority. All bank charges shall be to the Contractor's account.
8. **DELIVERY OF MATERIALS/CONSIGNEE**: The materials under this contract shall be delivered to the following address:

   Tenga Dam Complex, Kameng Hydro Power Station,
   NEEPCO Ltd., West Kameng District, Arunachal Pradesh

   Advance intimation regarding dispatch of materials shall be given to the Sr. Manager(E/M), S&SM, NEEPCO Ltd., KaHPS, Kimi, Arunachal Pradesh, Mobile No. 80113 34738.
9. **WARRANTY:** For a period of 12(twelve) calendar months from the date of successful commissioning (called the Warranty Period), the Contractor shall remain liable to replace any defect and/or rectify any damage/deficiency that may develop or remained undetected in the equipment/works of his own or those of his sub-Contractors. Such defects and / or damage shall be repaired or replaced as per the decision of the Engineer-in-charge and solely at the cost of the Contractor.
10. **LIQUIDATED DAMAGE:** Time is the essence of the contract. If the Contract is delayed beyond the time schedule incorporated in the Contract, due to reasons attributable to the Contractor, the Purchaser, shall, without prejudice to his right, recover the damages for breach of Contract and shall reduce the contract price by ½ % (half percent) per week or part thereof of delay in completion time subject to maximum of 10% (ten percent) of the Contract price.
11. **FORCE MAJEURE:** (i) The "Force Majeure" risks are those which are beyond the control of either the Corporation or the Contractor and are defined as below:
    a) War (whether declared or not), hostilities, invasion, acts of foreign enemies, rebellion, revolution, insurrection of military or usurped power, or civil war;
    b) Contamination by radio activity from any nuclear fuel, or from any nuclear waste or radioactive materials;
    c) Pressure waves caused by aircraft or other aerial devices travelling at sonic or supersonic speeds;
    d) Acts of God (like floods, Inundation, tornadoes, Storm/ Tempest/ Hurricane/ Typhoon/ Cyclone/ Lightning or other atmospheric disturbances, Earthquake, Landslide/ Rockslide/ Subsidence or any loss or damage caused by forces of nature);
    e) Damages due to any Political or Religious incidence;

f) Act of Terrorism;

g) Riots or commotion or disorder, unless solely restricted to employees of the Contractor or his sub-contractors and arising from the conduct of the Works;

h) Martial law, damage from aircraft, nuclear fission, nuclear reaction, nuclear radiation, or radioactive contamination;

i) Fire (not caused by negligence of the Contractor/its Sub-contractors/ their personnel); and

j) Other such causes, over which the Contractor has no control and are accepted as such, by the Engineer-in-Charge, whose decision shall be final and binding.

In the event of either party being rendered unable by "Force Majeure" to perform any obligation required to be performed by them under the Contract, the relative obligation of the party affected by such "Force Majeure" shall be treated as suspended for the period during which such "Force Majeure" cause lasts, provided the party alleging that it has been rendered unable, as aforesaid, thereby shall notify within 10 (ten) days of the alleged beginning and ending thereof giving full particulars and satisfactory evidence in support of such cause.

(i) Loss to any party due to occurrence of Force Majeure risk shall be borne by the respective Party.

(ii) Should there be a request for extension of time arising out of "Force Majeure", the same shall be considered. No compensation, whatsoever, will be allowed to the Contractor for the delay arising out of Force Majeure condition.

12. **SETTLEMENT OF DISPUTE:**

(i) Except as otherwise specifically provided in the Contract, all disputes concerning questions of fact arising under the Contract shall be decided by the Engineer-in-charge subject to a written appeal by the Contractor to the Engineer-in-charge.

(ii) Any dispute of differences including those considered as such by any of the parties arising out of or in connection with the Contract shall be, to the extent possible, settled amicably between the parties. If the dispute could not be amicably settled between the Engineer-in-charge and the Contractor, then the same should be referred to the Purchaser prior to proceedings for arbitration.

(iii) If amicable settlement cannot be reached, then all disputed issues shall be settled by arbitration as provided in the clause **ARBITRATION.**

13. **ARBITRATION:** If a dispute of any kind, whatsoever, arises between the Corporation and the Contractor in connection with, or arising out of, the Contract Agreement or the execution of the works under the said Contract Agreement, whether during the execution of the work or after completion thereof and whether before or after repudiation or otherwise termination of the Contract, including any dispute as to any opinion, instruction, determination, certificate or valuation of the Engineer-in-Charge, such reference shall state that it is made pursuant to this Clause. Not later than 60 (sixty) days after the day on which he receives such reference, the Engineer-in-Charge shall give notice of his decision to the Contractor. Such decision shall state that it is made pursuant to this clause.

Unless the Contract has already been repudiated or terminated, the Contractor shall, in every case, continue to proceed with the works with all due diligence and the Contractor and the Corporation shall give effect forthwith to every such decision of the Engineer-in-Charge, unless and until the same shall be revised, as hereinafter provided, or by amicable settlement or through an arbitral award.

If the Contractor is not satisfied with any decision of the Engineer-in-Charge, or if the Engineer-in-Charge fails to give notice of his decision on or before the 60th (sixtieth) day after the day on which he receives the reference, then the Contractor may, on or before the 45th (forty fifth) day after the day on which he receives notice of such decision or on or before the 45th (forty fifth) day after the day on which the said period of 60 (sixty) days expires, as the case may be, give notice to the Corporation of his intention to commence Arbitration as hereinafter provided, with regard to the matter in dispute. Such notice shall establish the entitlement of the party giving the same to commence Arbitration, with regard to such dispute which stipulates that no Arbitration in respect thereof may be commenced unless such notice is given.

If the Engineer-in-Charge has given notice of his decision with regard to a matter in dispute to the Contractor and no notice of intention to commence Arbitration with regard to such dispute has been given by the Contractor on or before the 45th (forty fifth) day after the day on which the parties receive notice with regard to such decision from the Engineer-in-Charge, the said decision shall become final and binding upon the Contractor. Thereafter, such issues shall not be subjected to Arbitration.

14. **DECISION OF THE ENGINEER-IN-CHARGE:**
    (i) In respect of all matters which are left to the decision of the Engineer-in-charge, including the granting or withholding of certificates, the Engineer-in-charge shall, if required to do so, give in writing a decision thereon and the reasons for such decisions.
    (ii) If, in the opinion of the Contractor, the decision of the Engineer-in-charge is not in accordance with the meaning and intent of the Contract, the Contractor may file with the Engineer-in-charge, a written objection to the decision within 15 (fifteen) days after receipt of the same. However, in the process, that Contractor shall continue to execute the work as per instruction of the Engineer-in-charge. Failure to file an objection within the allotted time will be considered as acceptance of the decision of the Engineer-in-charge and the decision shall become final and binding.
    (iii) The Purchaser's decision and filing of the written objection thereto shall be a condition precedent to the right to request for Arbitration. It is in the intent of the Agreement that there shall be no delay in the execution of the works and the decision of the Engineer-in-charge as rendered, shall be promptly observed.
15. **LABOUR REGULATIONS:** The Contractor shall, at his own cost, comply with all the provisions of all Acts, Laws, Regulation, Rules or bye-law of the Government of India, State Governments and or any local and Statutory Authority amended from time to time.
16. **ACCOMMODATION OF CONTRACTOR'S MANPOWER:** Accommodation shall be provided at site by the Corporation for the manpower engaged by the Contractor based on availability and on chargeable basis.
17. **TERMINATION OF THE CONTRACT ON THE PURCHASER'S INITIATIVE:**
    (I) The Purchaser reserves the right to terminate the Contract either in part or in full. The Purchaser, shall, in such an event, give 15 (fifteen) days' notice in writing to the Contractor of his decision to do so.
    (II) The Contractor, upon receipt of such notice, shall discontinue the work on the date and, to the extent specified in the notice, make all reasonable efforts to obtain cancellation of all orders and Contracts to the extent they are related to the work terminated and upon terms favorable to the Purchase, stop all further Sub-Contracting or purchasing activity related to the work terminated, and assist the Purchaser in maintenance, protection and disposition of the works acquired under the Contract by the Purchaser.

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
कमेंग जल विद्युत परियोजना, किमि, वेस्ट कामेंग (अरूणाचल प्रदेश)
KAMENG HYDRO POWER STATION, KIMI, WEST KAMENG, ARUNACHAL PRADESH
Phone no. (03787) 273562; e-mail: emgkahep@rediffmail.com
CIN no. U40101ML1976GOI001658
Address for correspondence: NEEPCO GUEST HOUSE, MAZGAON (NEAR SCIENCE ACADEMY), P.O. NIKAMUL, TEZPUR-784001

(III) In the event of such termination, the Contractor shall be paid compensation, equitable and reasonable dictated by the circumstances prevalent at the time of termination, as decided by the Purchaser.

18. **EXTRA WORK:** Extra items of work shall not vitiate the Contract. The Contractor shall have to execute such items of work which, in the opinion of the Engineer-in-Charge, is unavoidable for proper execution of the work and for performance of the plant.
If the analogous rates of such works are available in the Contract, payment for such work will be made at those rates. If, however, the rates of such work are not available in the Bill of Quantities of the Contract Agreement, these will be determined as per the following procedure:
    (a) Cost of materials supplied by the contractor
    (b) Cost of labour as per Govt. approved labour rates prevailing at the State for skilled, unskilled labours
    (c) Charges for Plant, Equipment, Machinery etc., to be deployed
    (d) Overhead at the rate of 10% (ten) on (a+b+c)
    (e) 10% (ten) profit on a+b+c
    (f) Total Charges payable = (a+b+c+d+e)

Under no circumstances, the contractor shall, at any stage suspend the work on account of non-settlement of rates of such items.

19. **TAKING OVER:** The system shall be taken over and the taking over certificate shall be issued immediately after successful completion of all tests as necessary and on handing over the facilities to the Purchaser by the Contractor certifying that that the facilities are allowed to run on continuous basis without any restriction. However, issuance of taking over certificate by the Purchaser shall not relieve the Contractor of any obligations which otherwise survive by the terms and conditions of the order.

All other terms and conditions shall be as per quotation and as agreed in our various correspondences referred above unless further amendment is made for facilitating delivery of materials and execution of work. This Detailed Order read in conjunction with all the correspondences/MoM referred above shall constitute a binding contract between the Contractor (M/s D D Metal Corporation) and the Purchaser (NEEPCO Ltd.).

You are requested to acknowledge receipt of this detailed order and confirm your unconditional acceptance within 7(Seven) days from its date of issue.

Thanking you.

Enclosed: Annexure-I

Yours faithfully,

(S.S. Bhattacharyya)
General Manager (E/M)
Contracts and Procurement
KaHPS, NEEPCO Ltd, Kimi

नॉर्थ ईस्टर्न इलेक्ट्रिक पॉवर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
कामेंग जल विद्युत परियोजना, किमि, वेस्ट कामेंग (अरुणाचल प्रदेश)
KAMENG HYDRO POWER STATION, KIMI, WEST KAMENG, ARUNACHAL PRADESH
Phone no. (03787) 273562; e-mail: emgkahep@rediffmail.com
CIN no. U40101ML1976GOI001658
Address for correspondence: NEEPCO GUEST HOUSE, MAZGAON (NEAR SCIENCE ACADEMY), P.O. NIKAMUL, TEZPUR-784001

N.I.O.

No. NEEPCO/KaHPS/PEMW/F-117/Vol-II/2023-24/ 295-301 dtd. 23/06/2023

Copy to:

1. The ED (Tech) and Head of Project, KaHPS, NEEPCO Ltd, Kimi, for kind information please. This has reference to the FLM approval No. Note Sheet/EM/PEMW/Tenga Illu/S4/KAHEP/10/02/2023.
2. The GM (E/M), PEMW, KaHPS, Kimi, for information please.
3. The GM (C), PCW, KaHPS, Kimi, for information please.
4. The DGM (Fin), F&A, KaHPS, Kimi, for information please. The expenditure shall be booked under Capex.
5. The In-Charge, HSM-I, Bichom, KaHPS, for information please.
6. The Sr Manager (E/M), S&SM, KaHPS, Kimi, for information please.
7. The DM (C), Vigilance, KaHPS, Kimi, for information please.

SSBhatt 23.6.23
General Manager (E/M)
Contracts and Procurement
KaHPS, NEEPCO Ltd, Kimi

ANNEXURE-I

PRICE SCHEDULE FOR SUPPLY, ERECTION AND COMMISSIONING OF TENGA DAM ILLUMINATION INCLUDING LTAC DISTRIBUTION SYSTEM

Sl. No	Item Description	Unit	Quantity	Unit Price (₹)	Total Basic price (₹)
A	**SUPPLY**				
1	**LTAC Panel and Switchgear**				
1.1	Supply of LT AC Main Panel Tenga Dam	No	1	14,90,898.31	14,90,898.31
1.2	Supply of extra 800 Amp ACB in the LT AC Panel	No	1	3,72,724.58	3,72,724.58
2	**Cable and Ancillary Item**				
	Power Cables including necessary lugs, glands etc. for termination				
2.1	Supply of 3.5Cx630 sq mm XLPE AL conductor power cable	meter	200	3,602.54	7,20,508.47
2.2	Supply of 3.5Cx185 sq mm XLPE AL conductor power cable	meter	1500	1,016.10	15,24,152.54
2.3	Supply of 3.5Cx35 sq mm XLPE AL conductor power cable	meter	2000	249.41	4,98,813.56
2.4	Supply of 3.5C/4Cx10 sq mm XLPE AL conductor power cable	meter	1000	133.94	1,33,940.68
3	**Cable tray**				
3.1	150mm width	meter	150	615.20	92,280.51
3.2	300 mm width	meter	150	1,016.10	1,52,415.25
4	**Earthing material including nut, bolt and fastner etc**				
4.1	Conventional earthing pit	No	10	7,851.69	78,516.95
4.2	Chemical earthing pit	No	10	7,851.69	78,516.95
5	**GS Flats**				
5.1	65x8 mm GS flat	Kg	1230	90.53	1,11,346.27
5.2	50x6 mm GS flat	Kg	236	90.53	21,364.00
5.3	25x3 mm MS flat	Kg	59	101.61	5,995.00
6	8 SWG wire	meter	300	23.09	6,927.97
7	Supply of 415V, 4P, 200A Manual change over switch	No	1	18,474.58	18,474.58
8	Supply of 415V, 4P, 63A Manual change over switch	No	3	11,084.75	33,254.24
9	Danger Plate	No	20	184.75	3,694.92
10	**Illumination System**				
10.1	Main lighting Distribution Board Tenga	No	1	2,03,220.34	2,03,220.34
10.2	Lighting Distribution Board Tenga Dam	No	1	55,423.73	55,423.73
10.3	Street light poles for Dam Illumination with one meter double arm	No	10	13,855.93	1,38,559.32
10.4	Street light poles for Dam periphery	No	5	12,932.20	64,661.02
10.5	90W LED street light with all accessories and fittings	No	27	5,542.37	1,49,644.07
10.6	Supply of 10W LED industrial type Bulkhead	No	44	923.73	40,644.07
B	**ERECTION AND COMMISSIONING**				
1	**LTAC panel and Switchgear**				
1.1	E&C of LT AC Main Panel Tenga Dam	No	1	46,186.44	46,186.44
1.2	E&C of extra 800 Amp ACB in the LT AC Panel	No	1	11,546.61	11,546.61
2	**Cable and Ancillary Item**				
	Power Cables including necessary lugs, glands etc. for termination				
2.1	Laying of 3.5Cx630 sq mm XLPE AL conductor power cable	meter	200	369.49	73,898.31
2.2	Laying of 3.5Cx185 sq mm XLPE AL conductor power cable	meter	1500	193.98	2,90,974.58
2.3	Laying of 3.5Cx35 sq mm XLPE AL conductor power cable	meter	2000	138.56	2,77,118.64
2.4	Laying of 3.5C/4Cx10 sq mm XLPE AL conductor power cable	meter	1000	115.47	1,15,466.10
3	**Cable tray**				
3.1	150 mm width	meter	150	230.93	34,639.83
3.2	300 mm width	meter	150	230.93	34,639.83
4	**ETC of Earthing**				
4.1	Conventional earthing pit	No	10	6,466.10	64,661.02
4.2	Chemical earthing pit	No	10	6,466.10	64,661.02
5	**GS Flat**				
5.1	65x8 mm GS flat	meter	300	138.56	41,567.80
5.2	50x6 mm GS flat	meter	100	138.56	13,855.93
5.3	25x3 mm MS flat	meter	100	138.56	13,855.93
6	8 SWG wire	meter	300	18.47	5,542.37
7	Supply of 415V, 4P,400A Manual change over switch	No	1	7,389.83	7,389.83
8	Supply of 415V, 4P, 63A Manual change over switch	No	2	6,466.10	12,932.20
9	Fixing of Danger plate in lighting poles, AC panels	No	20	138.56	2,771.19
10	**Illumination System**				
10.1	Main lighting Distribution Board Tenga Dam	No	1	7,389.83	7,389.83
10.2	Lighting Distribution Board Tenga Dam	No	1	4,618.64	4,618.64
10.3	Wiring of Dam gallery with PVC insulated single core unsheathed industrial flexible cable with flexible conductor of grade 1100 volt 2x2.5 sq mm + earth continuity with 1x1.5 sq. mm cable in 20 mm dia hot dip galvanized pipe	meter	250	461.86	1,15,466.10
10.4	Erection of 8 meter Octagonal pole complete with all necessary accessories	No	15	11,084.75	1,66,271.19
10.5	90W LED street light with all accessories and fittings	No	25	1,477.97	36,949.15
10.6	10W LED industrial type Bulkhead light	No	40	508.05	20,322.03
				Total Basic Amount (₹)	74,58,701.60
				Discount @ 5.5% on Total Basic Amount (₹)	4,10,229.00
				Sub-Total (₹)	70,48,472.00
				GST @ 18%	12,68,725.00
				Total Including tax (₹)	83,17,197.00

(INR Eighty Three Lakh Seventeen Thousand One Hundred Ninety Seven) only

MOM BETWEEN NEEPCO AND M/S D D METAL CORPORATION ON 17-11-2023

Sub: Work order for Design, Engineering, Manufacturing, Testing, Supply, Delivery, Assembly, Erection and commissioning of illumination System and LTAC distribution system at Tenga Dam of Kameng HPS.

Ref: 1) W/O No. NEEPCO/KaHPS/PEMW/F-117/Vol-II/2023-24/294 Dated 23.06.2023
2) Minutes of Meeting held at Kimi on 25.04.2023
3) LOI No. NEEPCO/KaHPS/PEMW/F-117/Vol-II/2023-24/113 Dated 17.05.2023

Refer to the subject cited above and references, the M/s D.D.Metal Corporation, Guwahati, have carried out the supply of materials in full and in good condition. The work of execution has been successfully completed on 21.10.2023. However, during execution of work certain modifications had to be carried out as per the site requirements and as per the instruction of engineer in charge, accordingly extra works including supply of materials has been carried out by the firm. The details of complete measurement of supply, erection, commissioning including extra work has been enclosed as Annexure-A & B respectively

The LT distribution system is under charged condition since 21.10.2023 and working satisfactorily.

For NEEPCO Ltd.
Kimi

(NJ Gogoi)

(Partha Ranjan Das)

For M/s D.D.Metal Corporation,
Guwahati

D. D. METAL CORPORATION

Proprietor

नॉर्थ ईस्टर्न इलेक्ट्रिक पॉवर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
कामेंग जल विद्युत परियोजना, किमि, वैस्ट कामेंग (अरुणाचल प्रदेश)
KAMENG HYDRO POWER STATION, KIMI, WEST KAMENG, ARUNACHAL PRADESH
Phone no. (03787) 273562: e-mail: emgkahep@rediffmail.com
CIN no. U40101ML1976GOI001658
Address for correspondence: NEEPCO GUEST HOUSE, MAZGAON (NEAR SCIENCE ACADEMY), P.O. NIKAMUL, TEZPUR-784001

No. NEEPCO/KaHPS/PEMW/F-117/Vol-II/2023-24/294 dtd. 23/06/2023

To,

M/s D.D. Metal Corporation,
Tribeni's Commercial Complex,
A-17, 1st Floor, GS Road,
Ulubari, Guwahati – 781 007
Email – ddmcghy@gmail.com

Sub: **Detailed order for Design, Engineering, Manufacture, Testing, Supply, Delivery, Assembly, Erection and Commissioning of Illumination System and LTAC distribution system at Tenga Dam of Kameng Hydro Power Station.**

Ref: 1) Our letter No. NEEPCO/KaHPS/PEMW/PH/F-117/2023-24/04 dated 06/04/2023
2) Your letter No. DDMC/0005/2023-24 dated 15/04/2023
3) Minutes of Meeting held at Kimi on 25/04/2023
4) Our LOI No. NEEPCO/KaHPS/PEMW/F-117/Vol-II/2023-24/113 dated 17/05/2023
5) Your acceptance of the LOI vide email dtd. 18/05/2023

Dear Sir,

With reference to the above, we are pleased to place this detailed order for design, engineering, manufacture, assembly, testing at manufacturer works, transportation including transit insurance, delivery at site, erection, testing and commissioning of Illumination system and LTAC distribution system as per Terms and conditions mentioned hereunder:

Terms & Conditions:

1. **SCOPE:** The scope of the work is design, engineering, manufacture, assembly, testing at manufacturer works, transportation including transit insurance, erection, testing and commissioning of the following:
   i) Illumination System viz. Lighting Distribution Board, Lighting Poles, LED Lamps and fixtures, conduits, wires, connectors, junction boxes, supports, material for earthing and any other items for Tenga Dam.
   ii) Power Cable, Grounding System and required ancillary items.
   iii) LTAC panel and switchgear.

   Detailed scope is elaborated at the General and Particular Technical Requirement, Schedule of Requirement as enclosed under letter referred at Sl No. 1 and subsequent correspondences/MoM dtd 25/04/2023.
2. **DELIVERY AND COMPLETION PERIOD:** The work shall be completed in all respects within 6-8 months from the date of issue of the LOI.
3. **CONTRACT VALUE:** Total price for complete scope is **₹ 83,17,197.00/-** (INR Eighty-Three Lakh Seventeen Thousand One Hundred Ninety-Seven) only, which is inclusive of GST @ 18%. The detail break-up is given at the Schedule of Prices (**Annexure-I**).
4. **PAYMENT TERMS:** The terms of payment for the Contract shall be as below-

   A. **For Supply:**

   (i) 80% (eighty percent) of Total Basic Price for supply with 100% F&I and 100% applicable taxes and duties, shall be paid after delivery at site in good condition as duly certified by the Engineer-in-Charge and on production of the following documents to the consignee:
   (a) Proof of dispatch (Lorry receipt / railway receipt).
   (b) Contractor's detailed Invoice.

(c) Documentary evidence against payment of Taxes and Duties.

(ii) Balance 20% (twenty percent) shall be paid after successful erection & commissioning as duly certified by the Engineer-in-Charge.

B. <u>For Erection & Commissioning:</u>

100% (hundred percent) payment shall be released after successful erection, testing and commissioning of the equipment/system.

5. **CONTRACT PERFORMANCE GUARANTEE:** Within 15 (Fifteen) days from the date of issue of the Letter of Intent, a Bank Guarantee for an amount equal to 3% (three percent) of the Total Contract Price shall be furnished as Contract Performance Guarantee as per format enclosed with LOI with initial validity for such period to cover 90 days beyond the completion of the warranty period as per the Contract. The BG No. 0022123BG0000043 dtd 16/06/2023 for Rs. 2,49,526/- with validity till 15/12/2024 has since been received.
6. **ENGINEER IN CHARGE:** The General Manager (E/M), PEMW, Kameng Hydro Power Station, NEEPCO, Kimi, Arunachal Pradesh or his authorized representative shall be the Engineer In-charge of the Contract.
7. **PAYING AUTHORITY:** The Head of Finance, Kameng Hydro Power Station, NEEPCO Ltd., Kimi, Arunachal Pradesh shall be the paying authority. All bank charges shall be to the Contractor's account.
8. **DELIVERY OF MATERIALS/CONSIGNEE:** The materials under this contract shall be delivered to the following address:

   Tenga Dam Complex, Kameng Hydro Power Station,
   NEEPCO Ltd., West Kameng District, Arunachal Pradesh

   Advance intimation regarding dispatch of materials shall be given to the Sr. Manager(E/M), S&SM, NEEPCO Ltd., KaHPS, Kimi, Arunachal Pradesh, Mobile No. 80113 34738.
9. **WARRANTY:** For a period of 12(twelve) calendar months from the date of successful commissioning (called the Warranty Period), the Contractor shall remain liable to replace any defect and/or rectify any damage/deficiency that may develop or remained undetected in the equipment/works of his own or those of his sub-Contractors. Such defects and / or damage shall be repaired or replaced as per the decision of the Engineer-in-charge and solely at the cost of the Contractor.
10. **LIQUIDATED DAMAGE:** Time is the essence of the contract. If the Contract is delayed beyond the time schedule incorporated in the Contract, due to reasons attributable to the Contractor, the Purchaser, shall, without prejudice to his right, recover the damages for breach of Contract and shall reduce the contract price by ½ % (half percent) per week or part thereof of delay in completion time subject to maximum of 10% (ten percent) of the Contract price.
11. **FORCE MAJEURE:** (i) The "Force Majeure" risks are those which are beyond the control of either the Corporation or the Contractor and are defined as below:
    a) War (whether declared or not), hostilities, invasion, acts of foreign enemies, rebellion, revolution, insurrection of military or usurped power, or civil war;
    b) Contamination by radio activity from any nuclear fuel, or from any nuclear waste or radioactive materials;
    c) Pressure waves caused by aircraft or other aerial devices travelling at sonic or supersonic speeds;
    d) Acts of God (like floods, Inundation, tornadoes, Storm/ Tempest/ Hurricane/ Typhoon/ Cyclone/ Lightning or other atmospheric disturbances, Earthquake, Landslide/ Rockslide/ Subsidence or any loss or damage caused by forces of nature);
    e) Damages due to any Political or Religious incidence;

f) Act of Terrorism;

g) Riots or commotion or disorder, unless solely restricted to employees of the Contractor or his sub-contractors and arising from the conduct of the Works;

h) Martial law, damage from aircraft, nuclear fission, nuclear reaction, nuclear radiation, or radioactive contamination;

i) Fire (not caused by negligence of the Contractor/its Sub-contractors/ their personnel); and

j) Other such causes, over which the Contractor has no control and are accepted as such, by the Engineer-in-Charge, whose decision shall be final and binding.

In the event of either party being rendered unable by "Force Majeure" to perform any obligation required to be performed by them under the Contract, the relative obligation of the party affected by such "Force Majeure" shall be treated as suspended for the period during which such "Force Majeure" cause lasts, provided the party alleging that it has been rendered unable, as aforesaid, thereby shall notify within 10 (ten) days of the alleged beginning and ending thereof giving full particulars and satisfactory evidence in support of such cause.

(i) Loss to any party due to occurrence of Force Majeure risk shall be borne by the respective Party.

(ii) Should there be a request for extension of time arising out of "Force Majeure", the same shall be considered. No compensation, whatsoever, will be allowed to the Contractor for the delay arising out of Force Majeure condition.

12. **SETTLEMENT OF DISPUTE:**

(i) Except as otherwise specifically provided in the Contract, all disputes concerning questions of fact arising under the Contract shall be decided by the Engineer-in-charge subject to a written appeal by the Contractor to the Engineer-in-charge.

(ii) Any dispute of differences including those considered as such by any of the parties arising out of or in connection with the Contract shall be, to the extent possible, settled amicably between the parties. If the dispute could not be amicably settled between the Engineer-in-charge and the Contractor, then the same should be referred to the Purchaser prior to proceedings for arbitration.

(iii) If amicable settlement cannot be reached, then all disputed issues shall be settled by arbitration as provided in the clause **ARBITRATION**.

13. **ARBITRATION:** If a dispute of any kind, whatsoever, arises between the Corporation and the Contractor in connection with, or arising out of, the Contract Agreement or the execution of the works under the said Contract Agreement, whether during the execution of the work or after completion thereof and whether before or after repudiation or otherwise termination of the Contract, including any dispute as to any opinion, instruction, determination, certificate or valuation of the Engineer-in-Charge, such reference shall state that it is made pursuant to this Clause. Not later than 60 (sixty) days after the day on which he receives such reference, the Engineer-in-Charge shall give notice of his decision to the Contractor. Such decision shall state that it is made pursuant to this clause.

Unless the Contract has already been repudiated or terminated, the Contractor shall, in every case, continue to proceed with the works with all due diligence and the Contractor and the Corporation shall give effect forthwith to every such decision of the Engineer-in-Charge, unless and until the same shall be revised, as hereinafter provided, or by amicable settlement or through an arbitral award.

If the Contractor is not satisfied with any decision of the Engineer-in-Charge, or if the Engineer-in-Charge fails to give notice of his decision on or before the 60th (sixtieth) day after the day on which he receives the reference, then the Contractor may, on or before the 45th (forty fifth) day after the day on which he receives notice of such decision or on or before the 45th (forty fifth) day after the day on which the said period of 60 (sixty) days expires, as the case may be, give notice to the Corporation of his intention to commence Arbitration as hereinafter provided, with regard to the matter in dispute. Such notice shall establish the entitlement of the party giving the same to commence Arbitration, with regard to such dispute which stipulates that no Arbitration in respect thereof may be commenced unless such notice is given.

If the Engineer-in-Charge has given notice of his decision with regard to a matter in dispute to the Contractor and no notice of intention to commence Arbitration with regard to such dispute has been given by the Contractor on or before the 45th (forty fifth) day after the day on which the parties receive notice with regard to such decision from the Engineer-in-Charge, the said decision shall become final and binding upon the Contractor. Thereafter, such issues shall not be subjected to Arbitration.

14. **DECISION OF THE ENGINEER-IN-CHARGE:**
    (i) In respect of all matters which are left to the decision of the Engineer-in-charge, including the granting or withholding of certificates, the Engineer-in-charge shall, if required to do so, give in writing a decision thereon and the reasons for such decisions.
    (ii) If, in the opinion of the Contractor, the decision of the Engineer-in-charge is not in accordance with the meaning and intent of the Contract, the Contractor may file with the Engineer-in-charge, a written objection to the decision within 15 (fifteen) days after receipt of the same. However, in the process, that Contractor shall continue to execute the work as per instruction of the Engineer-in-charge. Failure to file an objection within the allotted time will be considered as acceptance of the decision of the Engineer-in-charge and the decision shall become final and binding.
    (iii) The Purchaser's decision and filing of the written objection thereto shall be a condition precedent to the right to request for Arbitration. It is in the intent of the Agreement that there shall be no delay in the execution of the works and the decision of the Engineer-in-charge as rendered, shall be promptly observed.
15. **LABOUR REGULATIONS:** The Contractor shall, at his own cost, comply with all the provisions of all Acts, Laws, Regulation, Rules or bye-law of the Government of India, State Governments and or any local and Statutory Authority amended from time to time.
16. **ACCOMMODATION OF CONTRACTOR'S MANPOWER:** Accommodation shall be provided at site by the Corporation for the manpower engaged by the Contractor based on availability and on chargeable basis.
17. **TERMINATION OF THE CONTRACT ON THE PURCHASER'S INITIATIVE:**
    (I) The Purchaser reserves the right to terminate the Contract either in part or in full. The Purchaser, shall, in such an event, give 15 (fifteen) days' notice in writing to the Contractor of his decision to do so.
    (II) The Contractor, upon receipt of such notice, shall discontinue the work on the date and, to the extent specified in the notice, make all reasonable efforts to obtain cancellation of all orders and Contracts to the extent they are related to the work terminated and upon terms favorable to the Purchase, stop all further Sub-Contracting or purchasing activity related to the work terminated, and assist the Purchaser in maintenance, protection and disposition of the works acquired under the Contract by the Purchaser.

नॉर्थ ईस्टर्न इलेक्ट्रिक पॉवर कॉर्पोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
कामेंग जल विद्युत परियोजना, किमि, वेस्ट कामेंग (अरूणाचल प्रदेश)
KAMENG HYDRO POWER STATION, KIMI, WEST KAMENG, ARUNACHAL PRADESH
Phone no. (03787) 273562: e-mail: emgkahep@rediffmail.com
CIN no. U40101ML1976GOI001658
Address for correspondence: NEEPCO GUEST HOUSE, MAZGAON (NEAR SCIENCE ACADEMY), P.O. NIKAMUL, TEZPUR-784001

(III) In the event of such termination, the Contractor shall be paid compensation, equitable and reasonable dictated by the circumstances prevalent at the time of termination, as decided by the Purchaser.

18. **EXTRA WORK:** Extra items of work shall not vitiate the Contract. The Contractor shall have to execute such items of work which, in the opinion of the Engineer-in-Charge, is unavoidable for proper execution of the work and for performance of the plant.
If the analogous rates of such works are available in the Contract, payment for such work will be made at those rates. If, however, the rates of such work are not available in the Bill of Quantities of the Contract Agreement, these will be determined as per the following procedure:
    (a) Cost of materials supplied by the contractor
    (b) Cost of labour as per Govt. approved labour rates prevailing at the State for skilled, unskilled labours
    (c) Charges for Plant, Equipment, Machinery etc., to be deployed
    (d) Overhead at the rate of 10% (ten) on (a+b+c)
    (e) 10% (ten) profit on a+b+c
    (f) Total Charges payable = (a+b+c+d+e)

Under no circumstances, the contractor shall, at any stage suspend the work on account of non-settlement of rates of such items.

19. **TAKING OVER:** The system shall be taken over and the taking over certificate shall be issued immediately after successful completion of all tests as necessary and on handing over the facilities to the Purchaser by the Contractor certifying that that the facilities are allowed to run on continuous basis without any restriction. However, issuance of taking over certificate by the Purchaser shall not relieve the Contractor of any obligations which otherwise survive by the terms and conditions of the order.

All other terms and conditions shall be as per quotation and as agreed in our various correspondences referred above unless further amendment is made for facilitating delivery of materials and execution of work. This Detailed Order read in conjunction with all the correspondences/MoM referred above shall constitute a binding contract between the Contractor (M/s D D Metal Corporation) and the Purchaser (NEEPCO Ltd.).

You are requested to acknowledge receipt of this detailed order and confirm your unconditional acceptance within 7(Seven) days from its date of issue.

Thanking you.

Enclosed: Annexure-I

Yours faithfully,

(S.S. Bhattacharyya)
General Manager (E/M)
Contracts and Procurement
KaHPS, NEEPCO Ltd, Kimi

नॉर्थ ईस्टर्न इलेक्ट्रिक पॉवर कॉरपोरेशन लिमिटेड
NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
कामेंग जल विद्युत परियोजना, किमि, वेस्ट कामेंग (अरुणाचल प्रदेश)
KAMENG HYDRO POWER STATION, KIMI, WEST KAMENG, ARUNACHAL PRADESH
Phone no. (03787) 273562: e-mail: emgkahep@rediffmail.com
CIN no. U40101ML1976GOI001658
Address for correspondence: NEEPCO GUEST HOUSE, MAZGAON (NEAR SCIENCE ACADEMY), P.O. NIKAMUL, TEZPUR-784001

N.I.O.

No. NEEPCO/KaHPS/PEMW/F-117/Vol-II/2023-24/ 295-301 dtd. 23/06/2023

Copy to:

1. The ED (Tech) and Head of Project, KaHPS, NEEPCO Ltd, Kimi, for kind information please. This has reference to the FLM approval No. Note Sheet/EM/PEMW/Tenga Illu/54/KAHEP/10/02/2023.
2. The GM (E/M), PEMW, KaHPS, Kimi, for information please.
3. The GM (C), PCW, KaHPS, Kimi, for information please.
4. The DGM (Fin), F&A, KaHPS, Kimi, for information please. The expenditure shall be booked under Capex.
5. The In-Charge, HSM-I, Bichom, KaHPS, for information please.
6. The Sr Manager (E/M), S&SM, KaHPS, Kimi, for information please.
7. The DM (C), Vigilance, KaHPS, Kimi, for information please.

S.S.Bhatt 23.6.23
General Manager (E/M)
Contracts and Procurement
KaHPS, NEEPCO Ltd, Kimi

ANNEXURE-I

PRICE SCHEDULE FOR SUPPLY, ERECTION AND COMMISSIONING OF TENGA DAM ILLUMINATION INCLUDING LTAC DISTRIBUTION SYSTEM

Sl. No	Item Description	Unit	Quantity	Unit Price (₹)	Total Basic price (₹)
A	**SUPPLY**				
1	**LTAC Panel and Switchgear**				
1.1	Supply of LT AC Main Panel Tenga Dam	No	1	14,90,898.31	14,90,898.31
1.2	Supply of extra 800 Amp ACB in the LT AC Panel	No	1	3,72,724.58	3,72,724.58
2	**Cable and Ancillary Item**				
	Power Cables including necessary lugs, glands etc. for termination				
2.1	Supply of 3.5Cx630 sq mm XLPE AL conductor power cable	meter	200	3,602.54	7,20,508.47
2.2	Supply of 3.5Cx185 sq mm XLPE AL conductor power cable	meter	1500	1,016.10	15,24,152.54
2.3	Supply of 3.5Cx35 sq mm XLPE AL conductor power cable	meter	2000	249.41	4,98,813.56
2.4	Supply of 3.5C/4Cx10 sq mm XLPE AL conductor power cable	meter	1000	133.94	1,33,940.68
3	**Cable tray**				
3.1	150mm width	meter	150	615.20	92,280.51
3.2	300 mm width	meter	150	1,016.10	1,52,415.25
4	**Earthing material including nut, bolt and fastner etc**				
4.1	Conventional earthing pit	No	10	7,851.69	78,516.95
4.2	Chemical earthing pit	No	10	7,851.69	78,516.95
5	**GS Flats**				
5.1	65x8 mm GS flat	Kg	1230	90.53	1,11,346.27
5.2	50x6 mm GS flat	Kg	236	90.53	21,364.00
5.3	25x3 mm MS flat	Kg	59	101.61	5,995.00
6	8 SWG wire	meter	300	23.09	6,927.97
7	Supply of 415V, 4P, 200A Manual change over switch	No	1	18,474.58	18,474.58
8	Supply of 415V, 4P, 63A Manual change over switch	No	3	11,084.75	33,254.24
9	Danger Plate	No	20	184.75	3,694.92
10	**Illumination System**				
10.1	Main lighting Distribution Board Tenga	No	1	2,03,220.34	2,03,220.34
10.2	Lighting Distribution Board Tenga Dam	No	1	55,423.73	55,423.73
10.3	Street light poles for Dam Illumination with one meter double arm	No	10	13,855.93	1,38,559.32
10.4	Street light poles for Dam periphery	No	5	12,932.20	64,661.02
10.5	90W LED street light with all accessories and fittings	No	27	5,542.37	1,49,644.07
10.6	Supply of 10W LED industrial type Bulkhead	No	44	923.73	40,644.07
B	**ERECTION AND COMMISSIONING**				
1	**LTAC panel and Switchgear**				
1.1	E&C of LT AC Main Panel Tenga Dam	No	1	46,186.44	46,186.44
1.2	E&C of extra 800 Amp ACB in the LT AC Panel	No	1	11,546.61	11,546.61
2	**Cable and Ancillary Item**				
	Power Cables including necessary lugs, glands etc. for termination				
2.1	Laying of 3.5Cx630 sq mm XLPE AL conductor power cable	meter	200	369.49	73,898.31
2.2	Laying of 3.5Cx185 sq mm XLPE AL conductor power cable	meter	1500	193.98	2,90,974.58
2.3	Laying of 3.5Cx35 sq mm XLPE AL conductor power cable	meter	2000	138.56	2,77,118.64
2.4	Laying of 3.5C/4Cx10 sq mm XLPE AL conductor power cable	meter	1000	115.47	1,15,466.10
3	**Cable tray**				
3.1	150 mm width	meter	150	230.93	34,639.83
3.2	300 mm width	meter	150	230.93	34,639.83
4	**ETC of Earthing**				
4.1	Conventional earthing pit	No	10	6,466.10	64,661.02
4.2	Chemical earthing pit	No	10	6,466.10	64,661.02
5	**GS Flat**				
5.1	65x8 mm GS flat	meter	300	138.56	41,567.80
5.2	50x6 mm GS flat	meter	100	138.56	13,855.93
5.3	25x3 mm MS flat	meter	100	138.56	13,855.93
6	8 SWG wire	meter	300	18.47	5,542.37
7	Supply of 415V, 4P,400A Manual change over switch	No	1	7,389.83	7,389.83
8	Supply of 415V, 4P, 63A Manual change over switch	No	2	6,466.10	12,932.20
9	Fixing of Danger plate in lighting poles, AC panels	No	20	138.56	2,771.19
10	**Illumination System**				
10.1	Main lighting Distribution Board Tenga Dam	No	1	7,389.83	7,389.83
10.2	Lighting Distribution Board Tenga Dam	No	1	4,618.64	4,618.64
10.3	Wiring of Dam gallery with PVC insulated single core unsheathed industrial flexible cable with flexible conductor of grade 1100 volt 2x2.5 sq mm + earth continuity with 1x1.5 sq. mm cable in 20 mm dia hot dip galvanized pipe	meter	250	461.86	1,15,466.10
10.4	Erection of 8 meter Octagonal pole complete with all necessary accessories	No	15	11,084.75	1,66,271.19
10.5	90W LED street light with all accessories and fittings	No	25	1,477.97	36,949.15
10.6	10W LED industrial type Bulkhead light	No	40	508.05	20,322.03
				Total Basic Amount (₹)	74,58,701.00
				Discount @ 5.5% on Total Basic Amount (₹)	4,10,229.00
				Sub-Total (₹)	70,48,472.00
				GST @ 18%	12,68,725.00
				Total including tax (₹)	83,17,197.00

(INR Eighty Three Lakh Seventeen Thousand One Hundred Ninety Seven) only

MOM BETWEEN NEEPCO AND M/S D D METAL CORPORATION ON 17-11-2023

Sub: Work order for Design, Engineering, Manufacturing, Testing, Supply, Delivery, Assembly, Erection and commissioning of illumination System and LTAC distribution system at Tenga Dam of Kameng HPS.

Ref: 1) W/O No. NEEPCO/KaHPS/PEMW/F-117/Vol-II/2023-24/294 Dated 23.06.2023
2) Minutes of Meeting held at Kimi on 25.04.2023
3) LOI No. NEEPCO/KaHPS/PEMW/F-117/Vol-II/2023-24/113 Dated 17.05.2023

Refer to the subject cited above and references, the M/s D.D.Metal Corporation, Guwahati, have carried out the supply of materials in full and in good condition. The work of execution has been successfully completed on 21.10.2023. However, during execution of work certain modifications had to be carried out as per the site requirements and as per the instruction of engineer in charge, accordingly extra works including supply of materials has been carried out by the firm. The details of complete measurement of supply, erection, commissioning including extra work has been enclosed as Annexure-A & B respectively

The LT distribution system is under charged condition since 21.10.2023 and working satisfactorily.

For NEEPCO Ltd.
Kimi

(NJ Gogoi)

(Partha Ranjan Das)

For M/s D.D.Metal Corporation,
Guwahati

D. D. METAL CORPORATION

Proprietor

Contract | अनुबंध

Contract No | अनुबंध क्रमांक: GEMC-511687774180993
Generated Date | अनुबंध तिथि: 08-Aug-2023
Bid/RA/PBP No. | बोली/आरए/पीबीपी संख्या: GEM/2023/B/3387260

Organisation Details | संगठन विवरण

Type | प्रकार :	Central PSU
Ministry | मंत्रालय :	Ministry of Power
Department | विभाग :	NORTH EASTERN ELECTRIC POWER Corporation Limited
Organisation Name | संगठन का नाम :	NORTH EASTERN ELECTRIC POWER Corporation Limited
Office Zone | कार्यालय क्षेत्र:	Kameng Hydro Power Station

Buyer Details | खरीदार विवरण

Designation | पद :	Deputy General Manager
Contact No. | संपर्क नंबर :	03787-273562-
Email ID | ईमेल आईडी :	indrajitdas@neepco.co.in
GSTIN | जीएसटीआईएन :	12AAACN9991J3Z1
Address | पता :	Kameng Hydro Power Station Kimi, West Kameng, WEST KAMENG, ARUNACHAL PRADESH-790114, India

Financial Approval Detail | वित्तीय स्वीकृति विवरण

IFD Concurrence | आईएफडी सहमति:	No
Designation of Administrative Approval | प्रशासनिक अनुमोदन का पदनाम:	Head of Plant
Designation of Financial Approval | वित्तीय अनुमोदन का पदनाम :	Head of Plant

Paying Authority Details | भुगतान प्राधिकरण विवरण

Role:	PAO
Payment Mode | भुगतान का तरीका:	Internet Banking
Designation | पद :	Deputy General Manager Finance
Email ID | ईमेल आईडी :	sidhsdey@neepco.co.in
GSTIN | जीएसटीआईएन :	-
Address | पता:	Kameng Hydro Power Station Kimi, West Kameng, West Kameng, ARUNACHAL PRADESH-790114, India

Seller Details | विक्रेता विवरण

GeM Seller ID | जेम विक्रेता आईडी :	43ET200001882676
Company Name | कंपनी का नाम :	OZONE ENGINEERS
Contact No. | संपर्क नंबर :	08888889411
Email ID | ईमेल आईडी :	ozoneengineer@gmail.com
Address | पता :	1st Floor,Feroze Complex opp Sarf Building,,A.T.Road,Guwahati, Kamrup, ASSAM-781001, -
MSME verified | एमएसएमई सत्यापित :	No
MSME Registration number | एमएसएमई पंजीकरण संख्या :	-
GSTIN | जीएसटीआईएन:	18AGUPA0921A1ZW

*GST / Tax invoice to be raised in the name of | जिसके नाम के पक्ष में GST/TAX इनवॉइस पेश किया जाएगा - Consignee

Delivery Instructions | वितरण निर्देश : NA

Product Details | उत्पाद विवरण

#	Item Description | आइटम विवरण	Ordered Quantity | आइटम विवरण	Unit | इकाई	Unit Price (INR) | इकाई मूल्य (INR)	Tax Bifurcation (INR) | कर विभाजन (INR)	Price (Inclusive of all Duties and Taxes in INR) | मूल्य (INR में सभी शुल्क और कर सहित)
1	Product Name | उत्पाद का नाम : NA Brand | ब्रांड : na Brand Type | ब्रांड प्रकार : Registered Brand Catalogue Status | कैटलॉग की स्थिति: Catalogue not verified by OEM Selling As | कैसे बेचा जा रहा है : Reseller not verified by OEM Category Name & Quadrant | श्रेणी का नाम और चतुर्थांश : NA (Q3) Model | मॉडल: na HSN Code | एचएसएन कोड: HSN not specified by seller	1	set	2,665,100	NA	2,665,100
Total Order Value | कुल ऑर्डर मूल्य (in INR)						2,665,100

Consignee Detail | परेषिती विवरण

S.No | क्र.सं.	Consignee | परेषिती	Item | वस्तु	Lot No. | लॉट नंबर	Quantity | मात्रा	Delivery Start After | डिलिवरी शुरू करना है	Delivery To Be Completed By | वितरण पूरा कब तक करना है
1	Designation | पद : - Email ID | ईमेल आईडी : jayantagayan@neepco.co.in Contact | संपर्क : - GSTIN | जीएसटीआईएन : - Address | पता : Kameng Hydro Power Station Kimi, West Kameng,	NA	-	1	08-Aug-2023	06-Nov-2023

	WEST KAMENG, ARUNACHAL PRADESH-790114, India					

Product Specification for NA

Specification | विनिर्देश	Sub-Spec | उप-विनिर्देश	Value | मूल्य
Custom Specification	Custom Specification	Yes

Seller Specification Document \| विक्रेता विशिष्टता दस्तावेज़:

1. SpecificationDocument1	mkp.gem.gov.in/catalog_data/catalog_support_document/06/71/001/CatalogAttrs/SpecificationDocument/2022/12/11/2022_12_11_19_13_35_spec_2022-12-11-19-13-38_67b705847d9b6c34b2a0517318885232.pdf

Buyer Specification Document \| खरीदार विशिष्टता दस्तावेज़:

1. SpecificationDocument	mkp.gem.gov.in/catalog_data/catalog_support_document/buyer_documents/7965161/54/78/703/CatalogAttrs/SpecificationDocument/2023/4/25/tech-specs-ir-camera-revised_2023-04-25-19-16-13_ece00f2a640b195ef16132c73906bfb5.pdf

ePBG Detail \| ईपीबीजी विवरण

Advisory Bank | सलाहकार बैंक :	State Bank of India
ePBG Percentage(%) | ईपीबीजी प्रतिशत (%) :	3.00
The bidder shall furnish ePBG as applicable as per bid's terms and conditions | बोली लगाने वाले को बोली के नियमों और शर्तों के अनुसार लागू ईपीबीजी प्रस्तुत करना होगा	

Terms and Conditions \| नियम और शर्तें

1. General Terms and Conditions-

1.1 This contract is governed by the General Terms and Conditions, conditions stipulated to this Product/Service as provided in the Marketplace.

1.2 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

2. Buyer Added Bid Specific Terms and Conditions-

2.1 *Generic*
OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2.2 *Generic*
Bidder financial standing: The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

2.3 *Generic*
Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

2.4 *Generic*

Bidder shall submit the following documents along with their bid for Vendor Code Creation:

a. Copy of PAN Card.

b. Copy of GSTIN.

c. Copy of Cancelled Cheque.

d. Copy of EFT Mandate duly certified by Bank.

2.5 *Generic*
Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

2.6 *Generic*
Experience Criteria: The Bidder or its OEM (themselves or through reseller(s)) should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for 3 years before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.

2.7 *Generic*
Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.

2.8 *Generic*

Malicious Code Certificate:

The seller should upload following certificate in the bid:-

(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-

(i) Inhibit the desires and designed function of the equipment.

(ii) Cause physical damage to the user or equipment during the exploitation.

(iii) Tap information resident or transient in the equipment/network.

(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.

2.9 *Generic*:
Manufacturer Authorization:Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

2.10 *Generic*:
Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

2.11 *Generic*:
The successful bidder has to supply all essential accessories required for the successful installation and commissioning of the goods supplied. Besides standard accessories as per normal industry practice, following accessories must be part of supply and cost should be included in bid price:

Supply, delivery & site demonstration of IR cum thermal imaging camera with Super tele lens+1 lens (will be confirmed after placement of order whether it is 42/25/15-degree tel ephoto lens), robust casing and carrying case, genuine professional software, SD card, USB cable, carrying strap, lens cleaning set, mains unit, Li-ion rechargeable battery, lens pr otection glass, spare rechargeable battery, fast charger, head set and lens case.

.

2.12 *Forms of EMD and PBG*:
Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of

Head of Plant , Kameng Hydro Power Station
payable at
at SBI ,Bhalukpong Branch
. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

2.13 *Scope of Supply*:
Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

2.14 *Turnover*:
Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

2.15 *Warranty*:
Warranty period of the supplied products shall be as given in specifications from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

2.16 *Buyer Added Bid Specific ATC*:
Buyer Added text based ATC clauses

1.Vendor has to submit authorization certificate from OEM for sales & service support in case of authorized distributor of OEM is quoting for the te nder.

2. Tech. Catalogue/Manual/data sheet of offered instrument model shall be clearly highlighted with claimed technical features as mentioned above .

3. OEM should have their own Registered office and Service Centre in India.

4. The attached technical specifications is minimum requirement. Latest version of the product with updated features is preferable.

5. Vendor may attach latest supply order to any central govt utility like PGCIL, NTPC or NEEPCO etc in last five years.

6. Party may be called for demonstration to ensure the functionality during technical evaluation of offer. The offered product must be available wit h any central govt /psu utilities and documentary evidence shall be submitted.

7. 100% payment shall be released after delivery of material in full and good condition and successful demonstration of the equipment at site.

8. Warranty shall be 18 months from the date of demonstration of the material at site or 24 months from the date of delivery of material at site,w hich ever is earlier.

9. Vendors/supplier from North Eastern Region of India having previous experience in dealing/ supplying such material to Govt/PSU entities are only eligible for this tender.

.

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.

नोट: यह सिस्टम जनरेटेड फाइल है। कोई हस्ताक्षर की आवश्यकता नहीं है। इस दस्तावेज का प्रिंट आउट भुगतान/लेनदेन उद्देश्य के लिए मान्य नहीं है।

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CONSEIL INTERNATIONAL DES GRANDS RESEAUX ELECTRIQUES
INTERNATIONAL COUNCIL ON LARGE ELECTRIC SYSTEMS

STUDY COMMITTEE D2
INFORMATION SYSTEMS AND TELECOMMUNICATION

2013 Colloquium
November 13-15, 2013
Mysore – KARNATAKA - INDIA

(D2-02_16)

ONLINE/ AUTOMATIC AND MANUAL APPLICATIONS OF INFRARED THERMOGRPAHY IN ELECTRICAL SECTOR

by

T.P.SINGH, B.E., SMP

FLIR Systems India Pvt Limited

(IN)

SUMMARY

The paper presents infrared Thermography applications using handheld devices and new concept of Automatic or Inline monitoring of critical installations in Electrical sector. The paper follows below pattern of explanations:-

1. Basics- Infrared Theory
2. What Role Thermal Camera Plays
3. Basics- Understanding Thermal Image
4. Applications overview
5. Electrical Applications-
   a) Online/Automatic Applications-
      i) Sub Station Monitoring for Predictive Maintenance
      ii) Coal handling in Thermal Plants
   b) Manual Applications-
      i) Predictive Maintenance of Critical Installations
      ii) Inspection of Cables and Joints
      iii) Inspection of exposed cables
      iv) Visualisation of SF6 leakage
      v) Inspection of Boiler Tubes in Power Station
6. Conclusion

KEYWORDS

Thermal Imaging Camera basics

Online monitoring of Electrical Substations with remotely controlled Thermal Imaging Cameras

Handheld thermal cameras

Visualisation of SF6 leakage

Boiler Tubes Inspection

1. BASICS- IR THEORY

All objects above absolute Zero emit Infrared radiations. Purpose of Infrared Camera is to convert those IR radiations to electrical signal which gets converted to picture. Hence, Thermal imaging, also called Infrared Thermography, is the production of "heat" pictures through which temperature measurements can be done accurately, without any physical contact to the object/instrument in operation

In Electromagnetic Spectrum, as explained in Fig 1, Infrared is surrounded by visible light and Microwaves, which we all understand very well. Infrared is subdivided into 3 wavelengths

1. Short Wave
2. Medium Wave
3. Long Wave

Nowadays in most of electrical Predictive Maintenance applications, Long wave (8-12 um) is being used due to many advantages.

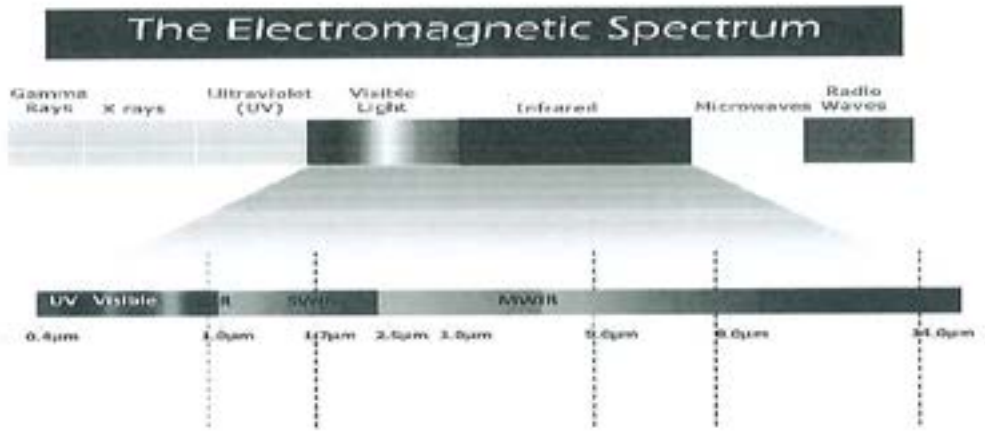


Fig 1

2. WHAT ROLE THERMAL CAMERA PLAYS?

Thermal Camera is a complex, very high technical device which converts IR radiations to electrical signal and these signals get processed by electronics part of this device which produces thermal Image of object seen. Complete process has been explained by way of diagram in Fig 2 below. Light is not required at all in this process.

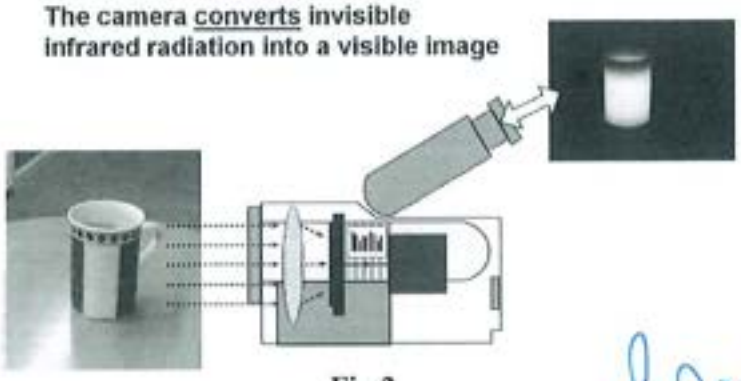


Fig 2

3. BASICS- UNDERSTANDING THERMAL IMAGE

Thermal image shown in Fig-3 will help to clear the concept of understanding and reading thermal image, which will help readers to get connected to images shown while explaining the application.

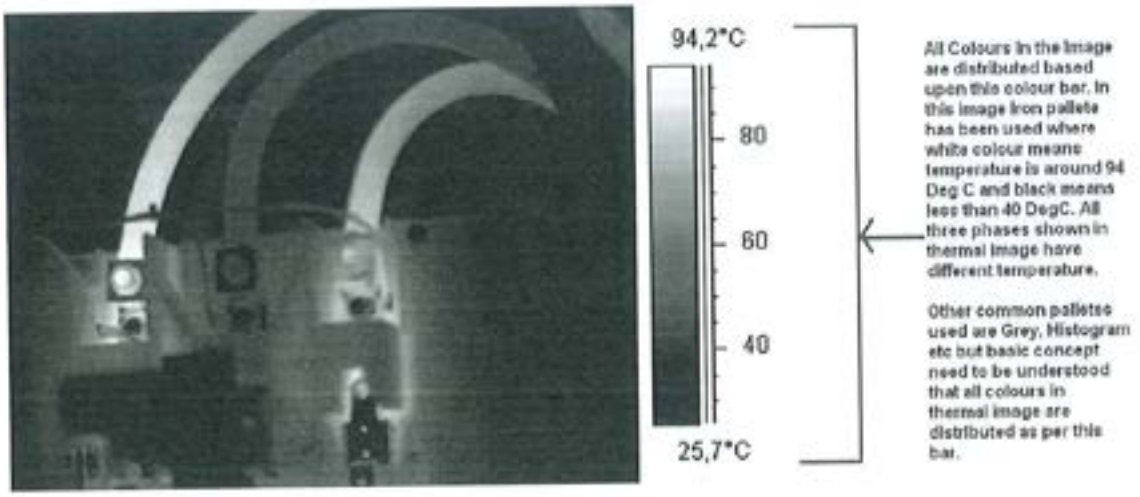


Fig. 3

4. APPLICATIONS OVERVIEW

Thermography is having numerous applications and few broad applications are listed below:-

- Electrical Sector- Predictive Maintenance
- Medical Imaging
- Veterinary Applications
- R&D- NDT
- Building
- Gas Leakage

5. ELECTRICAL APPLICATIONS

a) Inspection of Critical Installations in Substations / Transmission Lines (Online/Manual)
b) Remote Monitoring of substations. (Online/Automatic)
c) Coal Handling in thermal Plants (Online/Automatic)
d) Inspections of Critical Installations- Transformers, Bushings, Insulators (Manual)
e) Cable Terminations, joints and cables on Racks (Manual)
f) SF 6 Leakage (Manual)

Explanation of applications:-

A) ONLINE/AUTOMATIC APPLICATION IN ELECTRICAL SECTOR.

i) Predictive Maintenance

Transmission Companies and Electric power utilities are faced with an aging infrastructure, increasing risk of blackouts , costly unplanned maintenance, security threats to remote facilities, and rising costs. Solution to these problems has been found recently through online use of Thermal Imaging cameras, based upon IP. This will improve the reliability of electric power delivery while reducing costs.

The use of infrared cameras for fault detection is becoming a common practice in the maintenance routines of different substation components. The infrared camera mounted on the gantry / pole, can be installed and moved inside the substation and positioned for collecting images of possible critical points. This real time monitoring system inside the substation aiming at safety during operation and diagnosing the failure at much early stage with an added feature of asset management.

Key features of these online IP based Thermal Cameras are listed below:-

- 24 X 7 Maintenance Monitoring of Substations.
- Remote monitoring of critical substation components
- Automated Surveillance Solution with geospatial positioning.
- Multiple Infrared Cameras can be controlled remotely.
- Integration/Additional New Substation in a Network.
- Monitor Critical Temperature Areas.
- Graphical Display of Temperature Data.
- Automatic Analysis of Defined Zones.
- Automatic Pan/Tilt Control.
- Marking Of Critical Zones With Zone Mapping Functions.
- Database Management.
- Helps increase reliability without adding personnel.
- Ethernet and wireless connections to a central control room.
- See intrusions with live images on TV, PC monitor.
- Obtain temperature readouts of overheating components.
- Spot non-functioning equipment with low temperatures.
- Instantly trigger audible and visual alarms.
- Works day or night in any weather – 24/7 operation.

Fig 4 below explains the functionality of the individual Online Thermal Camera. Rectangle with Yellow dotted line shows the Field of View of the camera and Red box informs the area of interest. Camera on Pan and Tilt platform normally rotates at 360 Deg horizontal and 45 Deg vertical and monitors the temperatures of critical areas defined on continuous basis. Typically, different areas with maximum and minimum temperature can be defined during one complete circle. Every area defined can have different defined temperature limits. The moment there is any deviation in temperature from defined values in any defined area; system will give desired form of alarm informing the actual temperature of spot.

This superb technology and feature involving Thermal Imaging Cameras, if used systematically, can do wonders for maintenance.

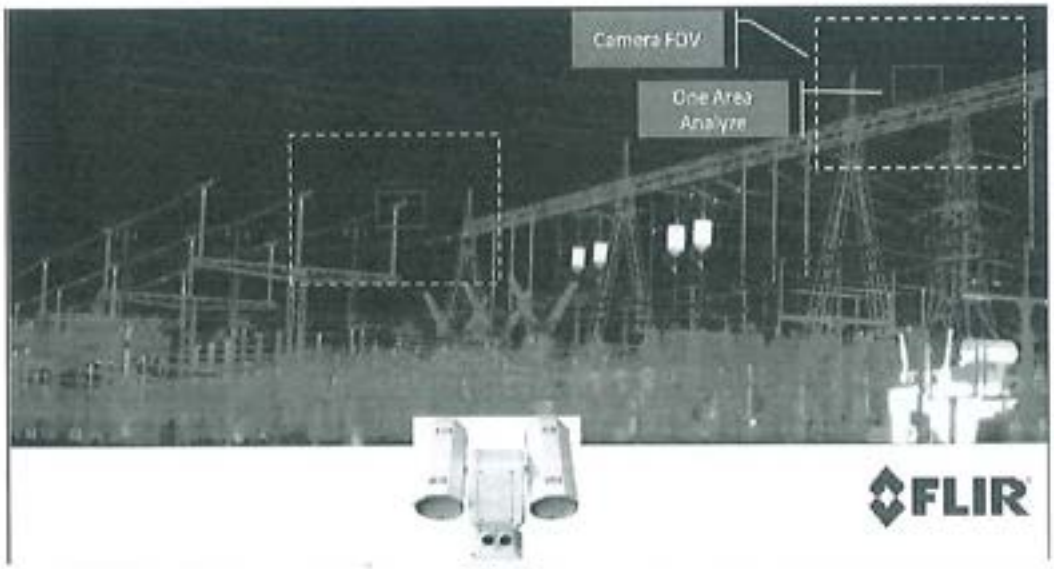


Fig 4

ii) Coal Handling in Thermal Plants

Coal and organic wastes, are stored as large piles in open yards. Air and moisture promote decomposition and exothermic reactions that raise the pile's temperature. Self-ignition usually starts within the pile's lower layers, a full-blown fire can develop later……An incident, nobody wants !

An IR Camera can prove to be very helpful tool for this problem by constantly monitoring the situation online. There are Thermal Cameras available with individual IP address which can be connected to server and hence monitoring can be done.

B) MANUAL APPLICATIONS OF THERMAL IMAGING CAMERAS IN ELECTRICAL FIELD

i) Predictive Maintenance of Critical equipments in Electrical field

There are many critical equipment which can be maintained properly, without taking any shutdown, if Thermal Camera is used regularly for inspections. Few images shown below (Fig 5,6 and 7)explain application on Transformers, Bushings, Insulators and critical connectors in Substations.

Thermal Imaging Inspections are being carried out globally at large scale and utilities all around the globe are saving money by carefully implementing IR Surveys. One such example is TVA of North America who have 18 survey teams. During one of the surveys they found low oil level in 500KV bushing which saved more than USD 3 million for their organization.

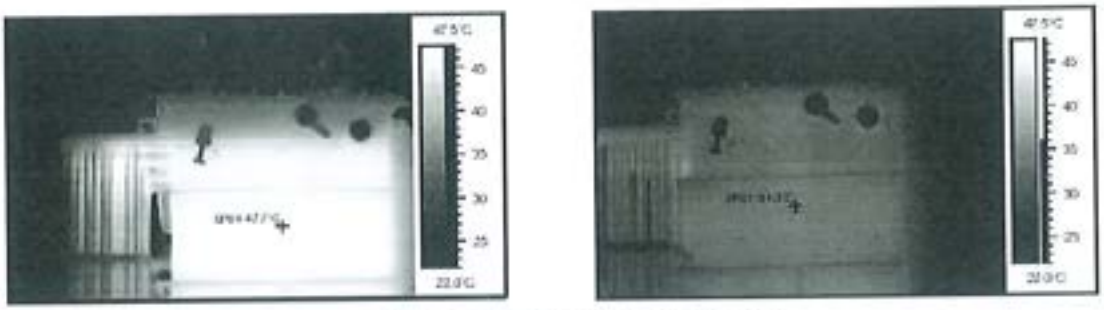
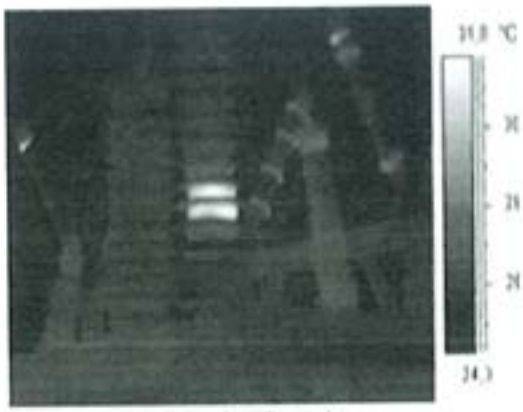


Fig 5- Transformer Inspection



Insulator defect

Fig -6



Incorrectly secured connection

Fig 7

ii) Inspection of Cable Terminations, Joints

The weakest link while using cable for transmission of power is ' Connectors' and these parts require real care during installations and need regular maintenance. With the help of Thermal Imaging Camera, it becomes very easy to observe the healthiness of these connections over time. We can easily explain the same with the help of images shown below. Fig 8 and 10 are visual images and Fig 9 and 11 are corresponding Thermal images.



Fig 8

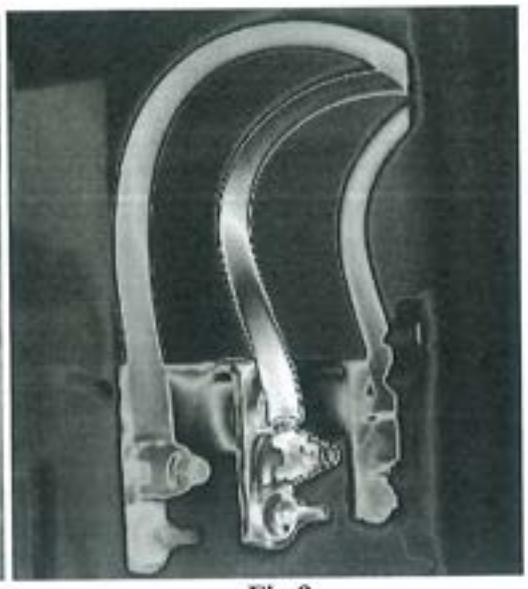


Fig 9

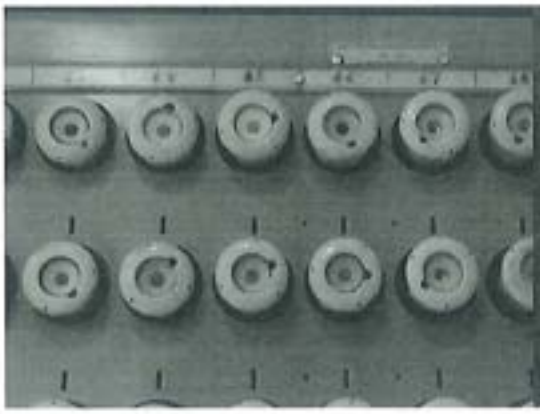


Fig 10

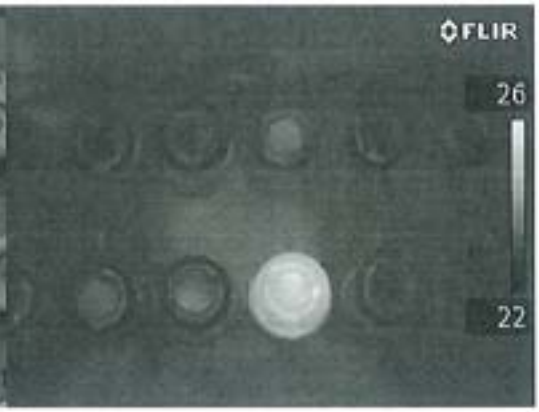


Fig 11

Applying the method explained above for understanding the Thermal Image, Fig 9 clearly shows Middle cable termination has a connection problem and in Fig 11, third point from right in last row is getting heated up.

Without Thermal Imaging Camera, such problems will not come under notice till visual deterioration/breakdown takes place. This clearly signifies the importance of this tool. If thermal Camera is used regularly to check healthiness of connections, we can avoid situations as shown in pictures below in Fig 12 and Fig 13.

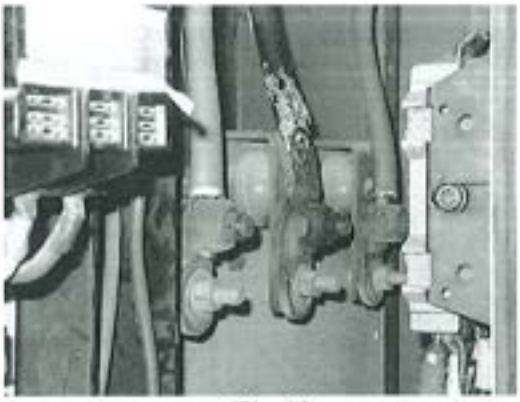


Fig 12

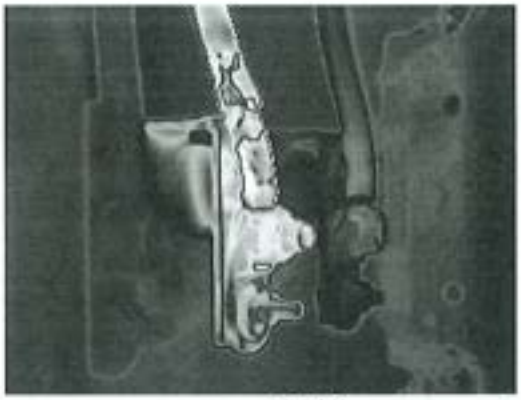


Fig 13

iii) Inspection of Exposed Cables

Thermal Imaging Camera is very effective tool to check condition of exposed cables due to its capability to just visualize heat. Fig 14 and Fig 15 shown below are self explanatory.



Fig 14

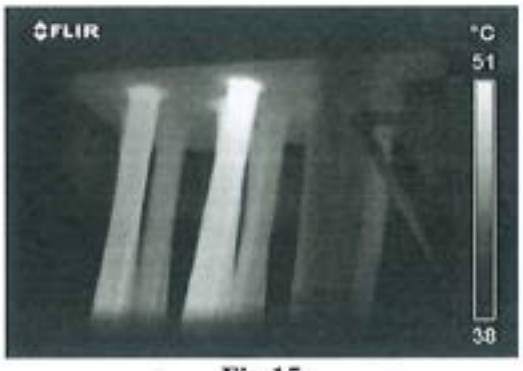


Fig 15

iv) Visualisation of SF 6 Leakage

Many chemical compounds and gases are invisible to the naked eye. Earlier methods of gas detection required close or near contact using "sniffer" technology and probes. The limitations of these methods are that they are time consuming and run a risk of missing gas leaks. They may expose inspectors to invisible and potentially harmful chemicals.

The Gas Detection cameras are infrared cameras which are able to visualize gas.
The camera produces a full picture of the scanned area and leaks appear as smoke on the camera's viewfinder/screen. The image is viewed in real time and can be recorded in the camera for easy archiving

SF_6 is as an electrical insulator in equipment that transmits and distributes electricity.
SF_6 has a very high potential for global warming. This potential is 23 900 times bigger than carbon dioxide, CO_2. Hence, even a relatively small amount of SF_6 can have a significant impact on global climate change. Fig 16 and 17 explains the application in field. What our eyes cannot see (Fig 16), Thermal Camera (Fig 17) can show.



Fig 16



Fig 17

v) Inspection of Boiler Tubes in Power Station

Conducting Thermography with the right boiler conditions enables a high thermal contrast between the escaping water/steam and the external tube surface temperature. This allows the location of leaks to be pinpointed early and prevents many hours of manual searching that may involve the building of complicated scaffolds for boiler access.

Fig-18

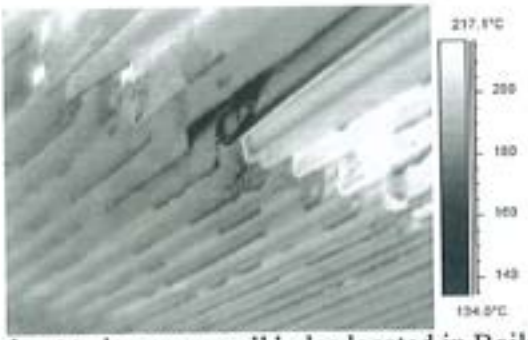


Figure 18 show what turned out to be very small holes located in Boiler Super heater tubes.

6. CONCLUSION

Thermal Camera due to its vast applications and advantages can be used almost everywhere saving millions of Dollars, if utilized intelligently. The best part of this tool is the usage of the same under online conditions without any shutdowns. Applications of this fantastic tool are increasing day by day.

BIBLIOGRAPHY

FLIR database of Thermal images and videos

Data of Mr. AK Mittal, NTPC CENPEEP, Delhi

ITC Level 1 Course material

Minutes of Meeting between M/s Ozone Engineers and NEEPCO held at Kameng Power Station regarding site demonstration of IR cum thermal imaging camera on 16.10.2023

Members present:

NEEPCO
Sri Ashim Kr. Sarmah, Sr. Manager (E/M)
Sri Anil Kumar, Jr. Engineer (E/M)
Sri Ripal Debbarma, Jr. Engineer (E/M)

For M/s Ozone Engineers
Sri Chottan Dutta

As per order No. GEMC-511687774180993 dtd. 08.08.2023, the Business Development Manager from OEM i.e. M/s Testo, Mr. Chottan Dutta on behalf of supplier M/s Ozone Engineers reported at site on 16.10.2023 for on-site demonstration of Testo make IR cum thermal imaging camera model T890, Sl. No. 3743365 at 400/132KV switchyard. He has demonstrated all the required functions of the camera, installation of software at NEEPCO's laptop, analyzing the images etc. Sri Dutta successfully completed the demonstration as well as software installation & application on 16.10.2023. The thermal camera is working satisfactorily.

The engineer will leave the site on 17.10.2023.

16/10/23

16/10/23

16/10/23

Chottan Dutta
Testo India Pvt Ltd

Contract | अनुबंध

Contract No | अनुबंध क्रमांक: GEMC-511687747459526
Generated Date | अनुबंध तिथि: 31-Dec-2022
Bid/RA/PBP No. | बोली/आरए/पीबीपी संख्या: GEM/2022/B/2711297

Organisation Details | संगठन विवरण

Type | प्रकार :	Central PSU
Ministry | मंत्रालय :	Ministry of Power
Department | विभाग :	NORTH EASTERN ELECTRIC POWER Corporation Limited
Organisation Name | संगठन का नाम :	NORTH EASTERN ELECTRIC POWER Corporation Limited
Office Zone | कार्यालय क्षेत्र:	Kameng Hydro Power Station

Buyer Details | खरीदार विवरण

Designation | पद :	Deputy General Manager
Contact No. | संपर्क नंबर :	03787-273562-
Email ID | ईमेल आईडी :	indrajitdas@neepco.co.in
GSTIN | जीएसटीआईएन :	12AAACN9991J3Z1
Address | पता :	Kameng Hydro Power Station Kimi, West Kameng, WEST KAMENG, ARUNACHAL PRADESH-790114, India

Financial Approval Detail | वित्तीय स्वीकृति विवरण

IFD Concurrence | आईएफडी सहमति:	No
Designation of Administrative Approval | प्रशासनिक अनुमोदन का पदनाम:	Head of Plant
Designation of Financial Approval | वित्तीय अनुमोदन का पदनाम :	Head of Plant

Paying Authority Details | भुगतान प्राधिकरण विवरण

Role:	PAO
Payment Mode | भुगतान का तरीका:	Internet Banking
Designation | पद :	Deputy General Manager Finance
Email ID | ईमेल आईडी :	sidhsdey@neepco.co.in
GSTIN | जीएसटीआईएन :	-
Address | पता:	Kameng Hydro Power Station Kimi, West Kameng, West Kameng, ARUNACHAL PRADESH-790114, India

Seller Details | विक्रेता विवरण

GeM Seller ID | जेम विक्रेता आईडी :	3CBB180000538849
Company Name | कंपनी का नाम :	SCOPE T AND M PRIVATE LIMITED
Contact No. | संपर्क नंबर :	07710099222
Email ID | ईमेल आईडी :	accounts@scopetnm.com
Address | पता :	402, Aurus Chambers,Annex A,S.S. Amrutwar Marg,Worli, Mumbai, MAHARASHTRA-400013, -
MSME verified | एमएसएमई सत्यापित :	Yes
MSME Registration number | एमएसएमई पंजीकरण संख्या :	MH19B0008122
GSTIN | जीएसटीआईएन:	27AABCS5002J1ZK

*GST / Tax invoice to be raised in the name of | जिसके नाम के पक्ष में GST/TAX इनवॉइस पेश किया जाएगा - Buyer

Product Details | उत्पाद विवरण

#	Item Description | आइटम विवरण	Ordered Quantity | आइटम विवरण	Unit | इकाई	Unit Price (INR) | इकाई मूल्य (INR)	Tax Bifurcation (INR) | कर विभाजन (INR)	Price (Inclusive of all Duties and Taxes in INR) | मूल्य (INR में सभी शुल्क और कर सहित)
1	**Product Name | उत्पाद का नाम :** SCOPE T&M Transformer Winding Resistance Meter, Open current voltage >/=50 **Brand | ब्रांड :** SCOPE T&M **Brand Type | ब्रांड प्रकार :** Registered Brand **Catalogue Status | कैटलॉग की स्थिति:** OEM verified catalogue **Selling As | कैसे बेचा जा रहा है :** OEM **Category Name & Quadrant | श्रेणी का नाम और चतुर्थांश :** Transformer Winding Resistance Meter (Q3) **Model | मॉडल:** TRM 25 **HSN Code | एचएसएन कोड:** 90308400	1	pieces	872,239.48	NA	872,239.48
Total Order Value | कुल ऑर्डर मूल्य (in INR)						872,239.48

Consignee Detail | परेषिती विवरण

S.No | क्र.सं.	Consignee | परेषिती	Item | वस्तु	Lot No. | लॉट नंबर	Quantity | मात्रा	Delivery Start After | डिलिवरी शुरू करना है	Delivery To Be Completed By | डिलिवरी पूरा कब तक करना है
	Designation | पद : - Email ID | ईमेल आईडी : indrajitdas@neepco.co.in Contact | संपर्क : 03787-273562- GSTIN | जीएसटीआईएन : 12AAACN9991J3Z1 Address | पता : Kameng Hydro Power Station Kimi, West Kameng,	SCOPE T&M Transformer Winding Resistance Meter, Open current voltage >/=50	-	1	31-Dec-2022	30-Jan-2023

WEST KAMENG, ARUNACHAL PRADESH-790114, India

Product Specification for SCOPE T&M Transformer Winding Resistance Meter, Open current voltage >/=50

Specification|विनिर्देश	Sub-Spec|उप-विनिर्देश	Value|मूल्य
General Parameter	Transformer/Reactor measuring DC winding upto	765KV
	No lead compensation shall be required for the measurement	Yes
	Number of measuring channel	2
	Number of wire methods	4
Certification and Standard	Conformity to CE standard	Yes
Technical Specification	Resolution(0.02%FS),UO	0.02% of FS above 500 µΩ range
	Open circuit voltage	>/=50
	Connecting device	Window based computer,Laptop
	Accuracy,+/-5 count	0.1
	Keyboard type	Front panel and Interactive
	Test Current,ampere(DC)	30 A DC continuous then open circuit voltage >=100 V
	Display with backlight viewable in bright sunlight	Digital LCD display
	Range(ohms)	0 to 1000ohm auto reading
	Software should be suitable for automatic testing & report generation including temperature compensation	Yes
Performance parameter	Protection/control against transient voltages, induction, short circuits etc Built-in-discharge circuit	Yes
	Built In cooling arrangement shall be provided	Yes
	Storage	min 1000 set of readings
	The kit should have the facility to have correction of resistant value to a reference temperature	Yes
	The equipement shall have demagnetization circuitry	Yes
	Repeatability,kV	upto 765
	No external coolant/accessory shall have to be required	Yes
	The test kit shall be able to withstand inductive kicks from transformer winding and shall be capable of working in inductive atmosphere of 765/400kV Substation	Yes
	Kit should employ four wire methods	four wire method
Electrical Parameter	Power supply,+/-10%	230
	Frequency,+/-5%	50
Additional Parameter	The kit shall be compatible EMI/EMC safety standard as per IEC	Yes
	Accessories	Complete set of test lid leads (min 20 m,Combination plugs clamps,Connectors,Power supply cables,Original hard carrying case,Manuals(both soft and hard copy),Other
	Calibraton Certificate not older than 2 months from date of supply	Yes
	If other please specify otherwise write NA	NA
	The complete equipment along with the complete accessories must be designed/engineer by OEM	Yes
	Services after Sale Bidder will have to submit the documentary evidences of having established mechanism for prompt services in India as and when required by Powergrid. Bidder need to submit their organization service chart along with bid	Yes
	Post Technical Bid Opening Bidders shall be called for Demonstration of kit.Bidder has to arrange the demo of the offered kit at specific SS of POWERGRID.Demo shall be at the risk and cost of the bidder.Demo may be relaxed if offered test kits had su	Yes
Environmental Parameter	Temperature,degree Celsius	0 to 50
	Humidity(non condensing)	upto 90%
Shelf life	Warranty	3
Packing guideline	The kit and accessories shall be robust enough so that it can transport enough The transportation and packing cases of the kit shall be such that the transportation from one station to other will not affect the performance and accuracy of measurement	Yes
	Test Report To Be Submitted To The Buyer On Demand	Yes

Test Report	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Yes
	Name and Address of the lab (Please write NA if not applicable)	ARAI
	Test Report Date and Numbers (Please write NA if not applicable)	1617-2914-341

Terms and Conditions | नियम और शर्तें

1. General Terms and Conditions-

1.1 This contract is governed by the General Terms and Conditions, conditions stipulated to this Product/Service as provided in the Marketplace.

1.2 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

2. Buyer Added Bid Specific Terms and Conditions-

2.1 *Generic*:
OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2.2 *Scope of Supply*:
Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

2.3 *Buyer Added Bid Specific ATC*:
Buyer Added text based ATC clauses

1. Only Authorised Dealer of equipment are eligible for bidding.

2. 100% compliance of technical specifications furnished by buyer is required for qualifying at technical bid stage.

3. Detailed technical specifications is attached separately.

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2.4 *Buyer Added Bid Specific ATC*:
Buyer uploaded ATC document Click here to view the file.

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.

नोट: यह सिस्टम जनरेटेड फाइल है। कोई हस्ताक्षर की आवश्यकता नहीं है। इस दस्तावेज का प्रिंट आउट भुगतान/लेनदेन उद्देश्य के लिए मान्य नहीं है।

MINUTES OF MEETING BETWEEN M/s NEEPCO Ltd. KAMENG HYDRO POWER STATION, KIMI AND M/s SCOPE T&M PVT LTD, PUNE AT KIMI POWER HOUSE ON 21-03-2024.

MEMBERS PRESENT

FOR NEEPCO KAHPS

1. Mr. Ashim Sarmah (Sr. Manager, E/M)
2. Mr. Anil Kumar (Jr. Engineer, E/M)
3. Mr. Ripal Debbarma (Jr. Engineer,E/M)

FOR SCOPE T&M Pvt. Ltd.

1. Mr. Raghunath Sahoo (Sr. Engineer, CSG)
2. Mr Sushant Kamble (Engineer, R&D)

As per contract No. GEMC-511687747459526 dated. 31.12.2022 Engineers from M/s SCOPE T&M Pvt. Ltd. reported at site on 20.03.2024 for onsite issue find out & replacement of old instrument with new one of SCOPE make Transformer Winding resistance Meter Model No-TRM25 (Sr. No.2329.00AJ1108).

Works Done:

- We assist old TRM 25 instrument & issue reported "Handshaking Error" on kit, Debug hardware with Putty-Log and found out processor Board issue. Need to analysis at our R&D for further course of action.
- M/S SCOPE has replaced the old TRM 25 instrument with new TRM 25 in same Sr No.2329.00AJ1108.
- New TRM 25 instrument was tested on BHEL make 63MVA transformer for both HV & LV side and results are found satisfactory, match with Previous results. Also, we had done the demagnetization on both transformers.
- All results are verified and soft copy share with NEEPCO.

* Old instrument handed over to SCOPE.

FOR NEEPCO Ltd.

21/03/24

21/03/24

FOR SCOPE T&M Pvt. Ltd.

21/03/24

SCOPE T&M PVT. LTD. PUNE

21/03/2024

NEEPCO New Delhi

अनुबंध | Contract

अनुबंध क्रमांक | Contract No: GEMC-511687726184088
अनुबंध दिनांक | Generated Date : 13-Feb-2024
बोली/आरए/पीबीपी संख्या | Bid/RA/PBP No.: GEM/2023/B/4068552

संगठन विवरण | Organisation Details

प्रकार | Type :	Central PSU
मंत्रालय | Ministry :	Ministry of Power
विभाग | Department :	NORTH EASTERN ELECTRIC POWER Corporation Limited
संगठन का नाम | Organisation Name :	NORTH EASTERN ELECTRIC POWER Corporation Limited
कार्यालय क्षेत्र | Office Zone:	Kameng Hydro Power Station

खरीदार विवरण | Buyer Details

पद | Designation :	Deputy General Manager
संपर्क नंबर | Contact No. :	03787-273562-
ईमेल आईडी | Email ID :	indrajitdas@neepco.co.in
जीएसटीआईएन | GSTIN :	12AAACN9991J321
पता | Address :	Kameng Hydro Power Station Kimi, West Kameng, WEST KAMENG, ARUNACHAL PRADESH-790114, India

वित्तीय स्वीकृति विवरण | Financial Approval Detail

आईएफडी सहमति | IFD Concurrence :	No
प्रशासनिक अनुमोदन का पदनाम | Designation of Administrative Approval:	Head of Plant
वित्तीय अनुमोदन का पदनाम | Designation of Financial Approval :	Head of Plant

भुगतान प्राधिकरण विवरण | Paying Authority Details

Role:	PAO
भुगतान का तरीका | Payment Mode:	Internet Banking
पद | Designation :	Deputy General Manager Finance
ईमेल आईडी | Email ID :	sidhsdey@neepco.co.in
जीएसटीआईएन | GSTIN :	-
पता | Address:	Kameng Hydro Power Station Kimi, West Kameng, West Kameng, ARUNACHAL PRADESH-790114, India

विक्रेता विवरण | Seller Details

जेम विक्रेता आईडी | GeM Seller ID :	8ZE7200001223208
कंपनी का नाम | Company Name :	POWERMASTER ENGINEERS PRIVATE LIMITED
संपर्क नंबर | Contact No. :	09029087627
ईमेल आईडी | Email ID :	sb.katkar@powermaster.in
पता | Address :	A-701-702,,T.T.C. Industrial Area,,Mahape-Turbhe Road, M.I.D.C. Khairne,,Navi Mumbai - 400 705,, Thane, MAHARASHTRA-400705, -
एमआईआई स्थिति | MII Status :	True
एमएसएमई सत्यापित | MSME verified :	Yes
एमएसएमई पंजीकरण संख्या | MSME Registration number :	UDYAM-MH-33-0087045
एमएसई सामाजिक श्रेणी | MSE Social Category :	General
एमएसई लिंग श्रेणी | MSE Gender :	OTHERS
जीएसटीआईएन | GSTIN:	27AAACP4977A1ZH

*जिसके नाम के पक्ष में GST/TAX इनवॉइस पेश किया जाएगा | GST / Tax invoice to be raised in the name of - Consignee

वितरण निर्देश | Delivery Instructions : NA

उत्पाद विवरण | Product Details

#	आइटम विवरण | Item Description	आइटम विवरण | Ordered Quantity	इकाई | Unit	इकाई मूल्य (INR) | Unit Price (INR)	कर विभाजन (INR) | Tax Bifurcation (INR)	मूल्य (INR में सभी शुल्क और कर सहित) | Price (Inclusive of all Duties and Taxes in INR)
1	उत्पाद का नाम | Product Name : PXD-45, PXD series Hydraulic Torque Wrench Cylinder. ब्रांड | Brand : POWERMASTER ब्रांड प्रकार | Brand Type : Unbranded कैटलॉग की स्थिति | Catalogue Status: Catalogue not verified by OEM कैसे बेचा जा रहा है | Selling As : Reseller not verified by OEM श्रेणी का नाम और चतुर्थांश | Category Name & Quadrant : PXD-45, PXD series Hydraulic Torque Wrench Cylinder. (Q3) मॉडल | Model: PXD-45, PXD series Hydraulic Torque Wrench Cylinde एचएसएन कोड | HSN Code: 84679900	1	pieces	260,780	NA	260,780
2	उत्पाद का नाम | Product Name : Ratchet Link Size: 130 mm ब्रांड | Brand : POWERMASTER ब्रांड प्रकार | Brand Type : Unbranded कैटलॉग की स्थिति | Catalogue Status: Catalogue not verified by OEM कैसे बेचा जा रहा है | Selling As : Reseller not verified by OEM श्रेणी का नाम और चतुर्थांश | Category Name & Quadrant : Ratchet Link Size: 130 mm (Q3) मॉडल | Model: Ratchet Link Size:130 mm एचएसएन कोड | HSN Code: 84679900	1	pieces	283,200	NA	283,200
3	उत्पाद का नाम | Product Name : Model: HR-45-105-130 ब्रांड | Brand : POWERMASTER ब्रांड प्रकार | Brand Type : Unbranded कैटलॉग की स्थिति | Catalogue Status: Catalogue not verified by OEM कैसे बेचा जा रहा है | Selling As : Reseller not verified by OEM	1	pieces	22,420	NA	22,420

	श्रेणी का नाम और चतुर्थांश|Category Name & Quadrant : Model: HR-45-105-130 (Q3) मॉडल|Model: Hex reducer एचएसएन कोड|HSN Code: 84679900					
4	उत्पाद का नाम |Product Name : Hex reducer ब्रांड|Brand : POWERMASTER ब्रांड प्रकार|Brand Type : Unbranded कैटलॉग की स्थिति|Catalogue Status: Catalogue not verified by OEM कैसे बेचा जा रहा है|Selling As : Reseller not verified by OEM श्रेणी का नाम और चतुर्थांश|Category Name & Quadrant : Hex reducer (Q3) मॉडल|Model: Model: HR-45-95-130 एचएसएन कोड|HSN Code: 84679900	1	pieces	22,420	NA	22,420
5	उत्पाद का नाम |Product Name : Hex to Square drive adapter ब्रांड|Brand : POWERMASTER ब्रांड प्रकार|Brand Type : Unbranded कैटलॉग की स्थिति|Catalogue Status: Catalogue not verified by OEM कैसे बेचा जा रहा है|Selling As : Reseller not verified by OEM श्रेणी का नाम और चतुर्थांश|Category Name & Quadrant : Hex to Square drive adapter (Q3) मॉडल|Model: Hex to Square drive adapter एचएसएन कोड|HSN Code: 84679900	1	pieces	30,680	NA	30,680
6	उत्पाद का नाम |Product Name : Hex to Square drive adapter ब्रांड|Brand : POWERMASTER ब्रांड प्रकार|Brand Type : Unbranded कैटलॉग की स्थिति|Catalogue Status: Catalogue not verified by OEM कैसे बेचा जा रहा है|Selling As : Reseller not verified by OEM श्रेणी का नाम और चतुर्थांश|Category Name & Quadrant : Hex to Square drive adapter (Q3) मॉडल|Model: Hex to Square drive adapter एचएसएन कोड|HSN Code: 84679900	1	pieces	40,120	NA	40,120
7	उत्पाद का नाम |Product Name : THH-060, 6m long twin Hose with coupling ब्रांड|Brand : POWERMASTER ब्रांड प्रकार|Brand Type : Unbranded कैटलॉग की स्थिति|Catalogue Status: Catalogue not verified by OEM कैसे बेचा जा रहा है|Selling As : Reseller not verified by OEM श्रेणी का नाम और चतुर्थांश|Category Name & Quadrant : THH-060, 6m long twin Hose with coupling (Q3) मॉडल|Model: THH-060, 6m long twin Hose with coupling एचएसएन कोड|HSN Code: 84679900	1	pieces	37,760	NA	37,760
8	उत्पाद का नाम |Product Name : 2.1/2-inch Square Drive regular Extension Bar ब्रांड|Brand : POWERMASTER ब्रांड प्रकार|Brand Type : Unbranded कैटलॉग की स्थिति|Catalogue Status: Catalogue not verified by OEM कैसे बेचा जा रहा है|Selling As : Reseller not verified by OEM श्रेणी का नाम और चतुर्थांश|Category Name & Quadrant : 2.1/2-inch Square Drive regular Extension Bar (Q3) मॉडल|Model: Extension Bar एचएसएन कोड|HSN Code: 84679900	1	pieces	20,060	NA	20,060
9	उत्पाद का नाम |Product Name : Ratchet ब्रांड|Brand : POWERMASTER ब्रांड प्रकार|Brand Type : Unbranded कैटलॉग की स्थिति|Catalogue Status: Catalogue not verified by OEM कैसे बेचा जा रहा है|Selling As : Reseller not verified by OEM श्रेणी का नाम और चतुर्थांश|Category Name & Quadrant : Ratchet (Q3) मॉडल|Model: Ratchet एचएसएन कोड|HSN Code: 84679900	1	pieces	60,180	NA	60,180
10	उत्पाद का नाम |Product Name : Impact Socket, ब्रांड|Brand : POWERMASTER ब्रांड प्रकार|Brand Type : Unbranded कैटलॉग की स्थिति|Catalogue Status: Catalogue not verified by OEM कैसे बेचा जा रहा है|Selling As : Reseller not verified by OEM श्रेणी का नाम और चतुर्थांश|Category Name & Quadrant : Impact Socket, (Q3) मॉडल|Model: Impact Socket, एचएसएन कोड|HSN Code: 84679900	1	pieces	34,220	NA	34,220
कुल ऑर्डर मूल्य |Total Order Value (in INR)						811,840

परेषिती विवरण|Consignee Detail

क्र.सं.|S.No	परेषिती|Consignee	वस्तु|Item	लॉट नंबर|Lot No.	मात्रा|Quantity	डिलीवरी शुरू करना है|Delivery Start After	डिलिवरी पूरा कब तक करना है|Delivery To Be Completed By
		PXD-45, PXD series Hydraulic Torque Wrench Cylinder.	-	1	13-Feb-2024	14-Mar-2024

1	पद| Designation : - ईमेल आईडी| Email ID : jayantagayan@neepco.co.in संपर्क| Contact : - जीएसटीआईएन| GSTIN : - पता|Address : Kameng Hydro Power Station Kimi, West Kameng, WEST KAMENG, ARUNACHAL PRADESH-790114, India	Ratchet Link Size: 130 mm	-	1	13-Feb-2024	14-Mar-2024
		Model: HR-45-105-130	-	1	13-Feb-2024	14-Mar-2024
		Hex reducer	-	1	13-Feb-2024	14-Mar-2024
		Hex to Square drive adapter	-	1	13-Feb-2024	14-Mar-2024
		Hex to Square drive adapter	-	1	13-Feb-2024	14-Mar-2024
		THH-060, 6m long twin Hose with coupling	-	1	13-Feb-2024	14-Mar-2024
		2.1/2-inch Square Drive regular Extension Bar	-	1	13-Feb-2024	14-Mar-2024
		Ratchet	-	1	13-Feb-2024	14-Mar-2024
		Impact Socket,	-	1	13-Feb-2024	14-Mar-2024

Product Specification for PXD-45, PXD series Hydraulic Torque Wrench Cylinder.

विनिर्देश|Specification	उप-विनिर्देश|Sub-Spec	मूल्य|Value
Custom Specification	Custom Specification	Yes

विक्रेता विशिष्टता दस्तावेज़\|Seller Specification Document:

1. SpecificationDocument1	mkp.gem.gov.in/catalog_data/catalog_support_document/87/23/848/CatalogAttrs/SpecificationDocument/2023/10/31/2023_10_31_17_52_43_hyd-_torque_wrench_-pxd_2023-10-31-17-52-44_abf87b4934c07b53011 63ccd6132e138.pdf

खरीदार विशिष्टता दस्तावेज़\|Buyer Specification Document:

1. SpecificationDocument	mkp.gem.gov.in/catalog_data/catalog_support_document/buyer_documents/7965161/54/78/703/CatalogAttrs/SpecificationDocument/2023/10/10/boq___specs_power_master_2023-10-10-13-09-04_2dd930d3d89027 ff5cded77128917e5b2.pdf

Product Specification for Ratchet Link Size: 130 mm

विनिर्देश|Specification	उप-विनिर्देश|Sub-Spec	मूल्य|Value
Custom Specification	Custom Specification	Yes

विक्रेता विशिष्टता दस्तावेज़\|Seller Specification Document:

1. SpecificationDocument1	mkp.gem.gov.in/catalog_data/catalog_support_document/87/23/848/CatalogAttrs/SpecificationDocument/2023/10/31/2023_10_31_17_59_38_hyd-_torque_wrench_-pxd_2023-10-31-17-59-41_8631073cecff6ba75a3 79ba038501b77.pdf

खरीदार विशिष्टता दस्तावेज़\|Buyer Specification Document:

1. SpecificationDocument	mkp.gem.gov.in/catalog_data/catalog_support_document/buyer_documents/7965161/54/78/703/CatalogAttrs/SpecificationDocument/2023/10/10/boq___specs_power_master_2023-10-10-13-14-13_03eded109b77e4 add0838e46042ac5e9.pdf

Product Specification for Model: HR-45-105-130

विनिर्देश|Specification	उप-विनिर्देश|Sub-Spec	मूल्य|Value
Custom Specification	Custom Specification	Yes

विक्रेता विशिष्टता दस्तावेज़\|Seller Specification Document:

1. SpecificationDocument1	mkp.gem.gov.in/catalog_data/catalog_support_document/87/23/848/CatalogAttrs/SpecificationDocument/2023/10/31/2023_10_31_18_11_04_hyd-_torque_wrench_-pxd_2023-10-31-18-11-08_10d531a113e57ac72e8 5c728e434b0d7.pdf

खरीदार विशिष्टता दस्तावेज़\|Buyer Specification Document:

	mkp.gem.gov.in/catalog_data/catalog_support_document/buyer_documents/7965161/54/78/703/Catal

1. SpecificationDocument	ogAttrs/SpecificationDocument/2023/10/10/boq___specs_power_master_2023-10-10-13-17-32_16088afed2e4f4 59100a1a49953aa2e4.pdf

Product Specification for Hex reducer

निर्देश | Specification	उप-विनिर्देश | Sub-Spec	मूल्य | Value
Custom Specification	Custom Specification	Yes

विक्रेता विशिष्टता दस्तावेज़ | Seller Specification Document:

1. SpecificationDocument1	mkp.gem.gov.in/catalog_data/catalog_support_document/87/23/848/CatalogAttrs/SpecificationDocument/2023/10/31/2023_10_31_18_23_32_hyd-_torque_wrench_-pxd_2023-10-31-18-23-35_7821c3676d0a8955925 b6809effefac1.pdf

खरीदार विशिष्टता दस्तावेज़ | Buyer Specification Document:

1. SpecificationDocument	mkp.gem.gov.in/catalog_data/catalog_support_document/buyer_documents/7965161/54/78/703/CatalogAttrs/SpecificationDocument/2023/10/10/boq___specs_power_master_2023-10-10-13-21-46_b0c60ec675a419 dff75d644cf58b41a2.pdf

Product Specification for Hex to Square drive adapter

निर्देश | Specification	उप-विनिर्देश | Sub-Spec	मूल्य | Value
Custom Specification	Custom Specification	Yes

विक्रेता विशिष्टता दस्तावेज़ | Seller Specification Document:

1. SpecificationDocument1	mkp.gem.gov.in/catalog_data/catalog_support_document/87/23/848/CatalogAttrs/SpecificationDocument/2023/11/1/2023_11_01_10_15_35_hyd-_torque_wrench_-pxd_2023-11-01-10-15-37_2a37aef9cb46c6fe498b b85fde7c0787.pdf

खरीदार विशिष्टता दस्तावेज़ | Buyer Specification Document:

1. SpecificationDocument	mkp.gem.gov.in/catalog_data/catalog_support_document/buyer_documents/7965161/54/78/703/CatalogAttrs/SpecificationDocument/2023/10/10/boq___specs_power_master_2023-10-10-13-25-14_ed9c95d2744332 1117adb04cacac06bd.pdf

Product Specification for Hex to Square drive adapter

निर्देश | Specification	उप-विनिर्देश | Sub-Spec	मूल्य | Value
Custom Specification	Custom Specification	Yes

विक्रेता विशिष्टता दस्तावेज़ | Seller Specification Document:

1. SpecificationDocument1	mkp.gem.gov.in/catalog_data/catalog_support_document/87/23/848/CatalogAttrs/SpecificationDocument/2023/11/1/2023_11_01_10_15_35_hyd-_torque_wrench_-pxd_2023-11-01-10-15-37_2a37aef9cb46c6fe498b b85fde7c0787.pdf

खरीदार विशिष्टता दस्तावेज़ | Buyer Specification Document:

1. SpecificationDocument	mkp.gem.gov.in/catalog_data/catalog_support_document/buyer_documents/7965161/54/78/703/CatalogAttrs/SpecificationDocument/2023/10/10/boq___specs_power_master_2023-10-10-13-27-43_56027a829ccc8d 29078b230f68a52f7b.pdf

Product Specification for THH-060, 6m long twin Hose with coupling

निर्देश | Specification	उप-विनिर्देश | Sub-Spec	मूल्य | Value
Custom Specification	Custom Specification	Yes

विक्रेता विशिष्टता दस्तावेज़ | Seller Specification Document:

1. SpecificationDocument1	mkp.gem.gov.in/catalog_data/catalog_support_document/87/23/848/CatalogAttrs/SpecificationDocument/2023/11/1/2023_11_01_10_21_15_hyd-_torque_wrench_-pxd_2023-11-01-10-21-19_3eb5b7da05c1ca2fad1b

	88251cd92d38.pdf

खरीदार विशिष्टता दस्तावेज़ | Buyer Specification Document:	
1. SpecificationDocument	mkp.gem.gov.in/catalog_data/catalog_support_document/buyer_documents/7965161/54/78/703/CatalogAttrs/SpecificationDocument/2023/10/10/boq___specs_power_master_2023-10-10-13-30-18_6d3459e6af17ff6fd6b0cbd1cdbc3f77d.pdf

Product Specification for 2.1/2-inch Square Drive regular Extension Bar

विनिर्देश | Specification	उप-विनिर्देश | Sub-Spec	मूल्य | Value
Custom Specification	Custom Specification	Yes

विक्रेता विशिष्टता दस्तावेज़ | Seller Specification Document:	
1. SpecificationDocument1	mkp.gem.gov.in/catalog_data/catalog_support_document/87/23/848/CatalogAttrs/SpecificationDocument/2023/11/1/2023_11_01_10_24_46_hyd-_torque_wrench_-pxd_2023-11-01-10-24-47_64158820c80049533899ffee6d0b6ac6.pdf

खरीदार विशिष्टता दस्तावेज़ | Buyer Specification Document:	
1. SpecificationDocument	mkp.gem.gov.in/catalog_data/catalog_support_document/buyer_documents/7965161/54/78/703/CatalogAttrs/SpecificationDocument/2023/10/10/boq___specs_power_master_2023-10-10-13-34-03_c3150eeda64647f1fea9c00df36107003.pdf

Product Specification for Ratchet

विनिर्देश | Specification	उप-विनिर्देश | Sub-Spec	मूल्य | Value
Custom Specification	Custom Specification	Yes

विक्रेता विशिष्टता दस्तावेज़ | Seller Specification Document:	
1. SpecificationDocument1	mkp.gem.gov.in/catalog_data/catalog_support_document/87/23/848/CatalogAttrs/SpecificationDocument/2023/11/1/2023_11_01_10_58_29_hyd-_torque_wrench_-pxd_2023-11-01-10-58-30_eed06a91cc2e05dc49152d1042045911f.pdf

खरीदार विशिष्टता दस्तावेज़ | Buyer Specification Document:	
1. SpecificationDocument	mkp.gem.gov.in/catalog_data/catalog_support_document/buyer_documents/7965161/54/78/703/CatalogAttrs/SpecificationDocument/2023/10/10/boq___specs_power_master_2023-10-10-13-37-13_4fc5f224bb6a9ae30af3c4d42196985c.pdf

Product Specification for Impact Socket,

विनिर्देश | Specification	उप-विनिर्देश | Sub-Spec	मूल्य | Value
Custom Specification	Custom Specification	Yes

विक्रेता विशिष्टता दस्तावेज़ | Seller Specification Document:	
1. SpecificationDocument1	mkp.gem.gov.in/catalog_data/catalog_support_document/87/23/848/CatalogAttrs/SpecificationDocument/2023/11/1/2023_11_01_10_33_36_hyd-_torque_wrench_-pxd_2023-11-01-10-33-44_db08027f08596710518a9f0ab604c4d2.pdf

खरीदार विशिष्टता दस्तावेज़ | Buyer Specification Document:	
1. SpecificationDocument	mkp.gem.gov.in/catalog_data/catalog_support_document/buyer_documents/7965161/54/78/703/CatalogAttrs/SpecificationDocument/2023/10/10/boq___specs_power_master_2023-10-10-13-41-13_8db92572be34df99decce7810a9097827.pdf

ईपीबीजी विवरण | ePBG Detail

सलाहकार बैंक | Advisory Bank :	NA
ईपीबीजी प्रतिशत (%) | ePBG Percentage(%):	NA

नियम और शर्तें | Terms and Conditions

1. General Terms and Conditions-

1.1 This contract is governed by the General Terms and Conditions, conditions stipulated to this Product/Service as provided in the Marketplace.

1.2 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

2. Buyer Added Bid Specific Terms and Conditions-

2.1 *Generic*

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2.2 *Generic*

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

2.3 *Scope of Supply*:

Scope of supply (Bid price to include all cost components) : Only supply of Goods

2.4 *Buyer Added Bid Specific ATC*:

Buyer Added text based ATC clauses

All future correspondences shall be to the following email address-

a) **emgkahep@rediffmail.com**

b) **emgkahps@neepco.co.in**

c) **cnpkahps@neepco.co.in**

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नोट: यह सिस्टम जनरेटेड पत्रक है। कोई हस्ताक्षर की आवश्यकता नहीं है। इस दस्तावेज का प्रिंट आउट भुगतान/लेनदेन उद्देश्य के लिए मान्य नहीं है।

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.

North Eastern Electric Power Corporation Limited

Miniratna: Category-I PSU, A fully Owned Subsidiary of NTPC Ltd.

Materials Goods Receipt

Goods Receipt Number	5000031416	Goods Receipt Date	Mar 19, 2024
Consignee / Receiver Plant		1400 - KAMENG HYDRO ELECTRIC PROJECT (KAHEP)	
Consignee / Receiver Storage Location		-	
Delivery Note No		PME_3067_23-24	
Vendor Address		300464 - POWERMASTER ENGINEERS PVT. LTD A-701-702 T.T.C. Industrial Area Navi Mumbai M.I.D.C., Khairne Maharashtra	
Transporter Name			
Vehicle Number			
L.R No.		PME/3067/23-24	
L.R Date		Mar 19, 2024	
PO Number	3600003633	PO Date	Mar 19, 2024

S.No.	Material No.	Description	Qty Rcvd	UOM	Delivery Note Qty	Pending Po Qty	Valuation Type / Batch	WBS Element & Description	Project & Description
1		Hydraulic Torque Wrench PXD45, Pwrmaster	1	SET	1.000	0			

Remarks

Signature
(Site Engineer)

Signature
(Store Incharge)

North Eastern Electric Power Corporation Limited

Materials Goods Receipt

Goods Receipt Number	5000025788	Goods Receipt Date	Oct 18, 2023
Consignee / Receiver Plant		1400 - KAMENG HYDRO ELECTRIC PROJECT (KAHEP)	
Consignee / Receiver Storage Location		-	
Delivery Note No		OE03	
Vendor Address		103384 - OZONE ENGINEERS 1st Floor, Feroze Complex opp Sarf Building Guwahati Kamrup Assam	
Transporter Name			
Vehicle Number			
L.R No.		OE-03 15/09/23	
L.R Date		Oct 18, 2023	
PO Number	3600003033	PO Date	Oct 18, 2023

S.No.	Material No.	Description	Qty Rcvd	UOM	Delivery Note Qty	Pending Po Qty	Valuation Type / Batch	WBS Element & Description	Project & Description
1		Insulation Tester SI-568	1	NO	1.000	0			

Remarks

Signature
(Site Engineer)

Signature
(Store Incharge)

Contract

Contract No: GEMC-511687767903122
Generated Date: 05-Sep-2022
Bid/RA No: GEM/2022/B/2323211

Organisation Details

Type:	Central PSU
Ministry:	Ministry of Power
Department:	NORTH EASTERN ELECTRIC POWER Corporation Limited
Organisation Name:	NORTH EASTERN ELECTRIC POWER Corporation Limited
Office Zone:	Kameng Hydro Power Station

Buyer Details

Designation:	Deputy General Manager
Contact No.:	03787-273562-
Email ID:	indrajitdas@neepco.co.in
GSTIN:	12AAACN9991J3Z1
Address:	Kameng Hydro Power Station Kimi, West Kameng, WEST KAMENG, ARUNACHAL PRADESH-790114, India

Financial Approval Detail

IFD Concurrence:	No
Designation of Administrative Approval:	Head of Plant
Designation of Financial Approval:	Head of Plant

Paying Authority Details

Payment Mode:	Internet Banking
Designation:	Deputy General Manager Finance
Email ID:	sidhsdey@neepco.co.in
GSTIN:	-
Address:	Kameng Hydro Power Station Kimi, West Kameng, West Kameng, ARUNACHAL PRADESH-790114, India

Seller Details

GeM Seller ID:	43ET200001882676
Company Name:	OZONE ENGINEERS
Contact No.:	08888889411
Email ID:	ozoneengineer@gmail.com
Address:	1st Floor,Feroze Complex opp Sarf Building,,A.T.Road,Guwahati, Kamrup, ASSAM-781001, -
MSME verified:	No
MSME Registration number:	-
GSTIN:	18AGUPA0921A1ZW

*GST / Tax invoice to be raised in the name of - Buyer

Product Details

#	Item Description	Ordered Quantity	Unit	Unit Price (INR)	Tax Bifurcation (INR)	Price (Inclusive of all Duties and Taxes in INR)
1	**Product Name :** Insulation Resistance Tester **Brand Type :** Unbranded **Catalogue Status :** Catalogue not verified by OEM **Selling As :** Reseller not verified by OEM **Category Name & Quadrant :** BOQ (Q3) **Model:** **HSN Code:** 9030	1	pieces	991,250	NA	991,250
Total Order Value (in INR)						**991,250**

Consignee Detail

S.No	Consignee	Item	Lot No.	Quantity	Delivery Start After	Delivery To Be Completed By
1	Designation: - Email ID: indrajitdas@neepco.co.in Contact: 03787-273562- GSTIN: 12AAACN9991J3Z1 Address: Kameng Hydro Power Station Kimi, West Kameng, WEST KAMENG, ARUNACHAL PRADESH-790114, India	Insulation Resistance Tester	-	1	05-Sep-2022	04-Nov-2022

Specification 1

Specification Document

Buyer BOQ Document

Compliance of BOQ Specification And Supporting Document

Note: Seller has given an undertaking that it has made arrangements for getting the stores from an authorized distributor / dealer / channel partner of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of GST Invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.

Terms and Conditions

1. General Terms and Conditions-

1.1 This contract is governed by the General Terms and Conditions, conditions stipulated to this Product/Service as provided in the Marketplace.

1.2 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

2. Buyer Added Bid Specific Terms and Conditions-

2.1 *Generic*:
OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2.2 *Generic*:
Actual delivery (and installation & Commissioning (if covered in scope of supply)) is to be done at following address Manager ,Stores & Spares Management , Mob-9401521225/ 8011334738 Kameng Hydro Power Station,NEEPCO Village-Kimi West Kameng District Arunachal Pradesh-790 114.

2.3 *Generic*:
Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

2.4 *Scope of Supply*:
Scope of supply (Bid price to include all cost components) : Only supply of Goods

2.5 *Certificates*:
Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.

2.6 *Warranty*:
Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

Price Offered for Spares / Consumables:

Price Offered for Spares / Consumables Document link

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.

Minutes of meeting held between NEEPCO and M/s Jost's Engineering Company limited.,Kolkata on 22nd December 2022 at Kameng Hydro Power Station Site, A.P regarding onsite calibration of various equipment

Members Presents:

For :Kameng Hydro Power Station

1. Sri A. K. Sarmah, Sr. Mgr(E/M)
2. Sri A. Kumar, Jr. Engr(E/M)

M/s Josts Engineering Co. Ltd

1.SHRI. DEBASISH ROY

As per order No. NEEPCO/KaHPS/PEMW/PHEF-94/Vol-VI/879 dtd. 26.11.2022, Sri Debashish Roy, representatives of M/s Jost Engineering Company Limited (Megger Authorized Distributor) visited **M/s Kameng Hydro Power Station** on 22nd December 2022 for carrying out calibration the following testing instruments.

No	Equipment Name	Make/ Model	Serial No	Qty	Remarks
01	1Kv Insulation Tester	Seaward IRT1557	31F-0694	01	Calibrated & Found OK
02	1Kv Insulation Tester	Seaward IRT1557	31F-0695	01	Calibrated & Found Ok
03	Earth Tester	Megger DET 3/2	NA	01	Calibrated & Found OK
04	Oil Bdv Test Set	Power Electrical PE-AOBDV-M100	160005	01	Calibrated & Found OK
05	Oil Bdv Test Set	Baur DTA100C	1001807017	01	Defective. Couldn't calibrate
06	5 Kv Insulation Tester	Megger BM5200	101369743	01	Defective. Couldn't calibrate

M/s Josts will send the original calibration reports to NEEPCO shortly.

As the existing 5KV Insulation tester (Megger BM 5200) is found defective and being an authorized Megger Distributor instrument is carrying with Sri Debasish Roy to their works to identify its defect. M/s Josts Engineering Company Ltd. will separate offer based on defect finding seperately for further process as KaHPS end.

M/s Josts representative will leave the site 23/12/2022 .

For :Kameng Hydro Power Station

22/12/22

23/12/22

M/s Josts Engineering Co. Ltd

Debashish Roy
22-12-2022

PART-II
FORM- 1

Summary Sheet

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : Kameng Hydro Power Station
Region - North Eastern Region
State - Arunachal Pradesh

District: West Kameng

Rs. in Lakh

S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1.1	Depreciation	44712.14	44857.15	44939.49	44939.49	44939.49
1.2	Interest on Loan	32967.38	28881.56	25307.30	21721.61	18620.08
1.3	Return on Equity [1]	50521.69	50596.82	50605.79	50605.79	50605.79
1.4	Interest on Working Capital	2611.54	2590.13	2576.52	2563.50	2560.03
1.5	O & M Expenses	15611.40	16465.34	17365.99	18315.91	19317.80
1.6	Security Expenses-KaHPS	0.00	0.00	0.00	0.00	0.00
	Total	**146424.15**	**143391.00**	**140795.09**	**138146.30**	**136043.18**

Note:

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

(Petitioner)

PART-II
FORM- 1(I)

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

Statement showing claimed capital cost-(A+B)

Rs. in Lakh

S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Opening Capital Cost	841220.00	843613.86	846716.42	846716.42	846716.42
2	Add: Addition during the year/period	2323.56	3102.56	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	70.30	0.00	0.00	0.00	0.00
6	Closing Capital Cost	843613.86	846716.42	846716.42	846716.42	846716.42
7	Average Capital Cost	842416.93	845165.14	846716.42	846716.42	846716.42

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

Rs. in Lakh

S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Opening Capital Cost	841220.00	843426.05	843725.18	843725.18	843725.18
2	Add: Addition during the year/period	2135.74	299.13	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	70.30	0.00	0.00	0.00	0.00
6	Closing Capital Cost	843426.05	843725.18	843725.18	843725.18	843725.18
7	Average Capital Cost	842323.03	843575.61	843725.18	843725.18	843725.18

Statement showing claimed capital cost eligible for R.o.E at weighted average rate of interest on actual loan portfolio (B)

Rs. in Lakh

S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Opening Capital Cost	0.00	187.82	2991.25	2991.25	2991.25
2	Add: Addition during the year/period	187.82	2803.43	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	187.82	2991.25	2991.25	2991.25	2991.25
7	Average Capital Cost	93.91	1589.53	2991.25	2991.25	2991.25

(Petitioner)

Reconciliation					Rs. in Lakh
Capital cost incl.IDC,FC,FERV & Hedging Cost -Form 5B/ 9E	849845.41	852947.97	852947.97	852947.97	852947.97
Less: Undischarged Liability as per Form 16	1,223.50	1,223.50	1,223.50	1,223.50	1,223.50
Capital Cost as per Form 1(I)	848621.92	851724.48	851724.48	851724.48	851724.48

PART-II
FORM- 1(II)

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

Statement showing Return on Equity at Normal Rate

Rs.in Lakh

S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	Gross Opening Equity (Normal)	252366.00	253027.81	253117.55	253117.55	253117.55
2	Less : Adjustment in Equity	0.00	0.00	0.00	0.00	0.00
3	Adjustment during the year	0.00	0.00	0.00	0.00	0.00
4	Net Opening Equity (Normal)	252366.00	253027.81	253117.55	253117.55	253117.55
5	Add : Increase due to addition during the year / period	640.72	89.74	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 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	21.09	0.00	0.00	0.00	0.00
9	Net closing Equity (Normal)	253027.81	253117.55	253117.55	253117.55	253117.55
10	Average Equity (Normal)	252696.91	253072.68	253117.55	253117.55	253117.55
11	Rate of ROE	19.99	19.99	19.99	19.99	19.99
12	Total ROE	50521.68	50596.82	50605.79	50605.79	50605.79

(Petitioner)

Statement showing Return on Equity at Weighted Average Rate of Interest on Actual Loan Portfolio

Rs.in Lakh

S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	Gross Opening Equity [pertaining to Proviso to Regulation 30(2)]	0.00	56.35	897.37	897.37	897.37
2	Less : Adjustment in Equity	0.00				
3	Adjustment during the year	0.00				
4	Net Opening Equity	0.00	56.35	897.37	897.37	897.37
5	Add : Increase in equity due to addition during the year / period	56.35	841.03	0.00	0.00	0.00
6	Less : Decrease due to de-capitalisation during the year / period	0.00				
7	Less : Decrease due to reversal during the year / period	0.00				
8	Add : Increase due to discharges during the year / period	0.00				
9	Net closing Equity [pertaining to Proviso to Regulation 30(2)]	56.35	897.37	897.37	897.37	897.37
10	Average Equity [pertaining to Proviso to Regulation 30(2)]	28.17	476.86	897.37	897.37	897.37
11	Rate of ROE [weighted average rate of interest on actualloan portfolio]	14.722	14.722	14.722	14.722	14.722
12	Total ROE	4.15	70.20	132.11	132.11	132.11
	One year MCLR +250 Basis point	12.15	12.15	12.15	12.15	12.15

Note:
1. Adjustment of equity as perProviso to Regulation 18(3) of 2019 Tariff Regulations.
statement with balance sheet.

(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 : KAMENG HYDRO POWER STATION

Year Ending March

	Particulars	Unit	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Installed Capacity	MW			4X(150) = 600 MW			
2	Free power to home state	%	12%	12%	12%	12%	12%	12%
3	Free power under Local Area development Fund (LADF)		0%	1%	1%	1%	1%	1%
4	Date of commercial operation (actual/anticipated)							
	Unit - 1		17.06.2020	17.06.2020	17.06.2020	17.06.2020	17.06.2020	17.06.2020
	Unit - 2		01.07.2020	01.07.2020	01.07.2020	01.07.2020	01.07.2020	01.07.2020
	Unit - 3		22.01.2021	22.01.2021	22.01.2021	22.01.2021	22.01.2021	22.01.2021
	Unit - 4		12.02.2021	12.02.2021	12.02.2021	12.02.2021	12.02.2021	12.02.2021
5	Type of Station							
	a) Surface / underground		Semi Surface (Semi underground)	Semi Surface (Semi underground)	Semi Surface (Semi underground)	Semi Surface (Semi underground)	Semi Surface (Semi underground)	Semi Surface (Semi underground)
	b) Purely ROR / Pondage / Storage		ROR with Pondage	ROR with Pondage	ROR with Pondage	ROR with Pondage	ROR with Pondage	ROR with Pondage
	c) Peaking / non-peaking		Peaking	Peaking	Peaking	Peaking	Peaking	Peaking
	d) No. of hours of peaking		4(Four)	4(Four)	4(Four)	4(Four)	4(Four)	4(Four)
	e) Overload capacity (MW) & period		150MW	150MW	150MW	150MW	150MW	150MW
6	Type of excitation							
	a) Rotating exciters on generator		____	____	____	____	____	____
	b) Static excitation		Static	Static	Static	Static	Static	Static
7	Design Energy (Annual) [1]	GWh	3353MU	3353MU	3353MU	3353MU	3353MU	3353MU
8	Auxiliary Consumption including Transformation losses	%	1%	1%	1%	1%	1%	1%
9	Normative Plant Availability Factor (NAPAF)	%	New Station	New Station	New Station	New Station	New Station	New Station
9.1	Maintenance Spares for WC	% of O&M	New Station	New Station	New Station	New Station	New Station	New Station
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]		17.472					
9.7	SBI Base Rate + 350 basis points as on ____ [3]	%	12.15%					

1. Month wise 10 - day Design energy figures to be given separately with the petition.
2. Tax rate applicable to the company for the year FY 2018 - 19 should also be furnished.
3. Mention relevant date
4. Effective tax rate is to be computed in accordance with Regulation 31 i.e. actual tax (or advance tax)/ gross income, where gross income refers the profit before tax.

(Petitioner)

Salient Features of Hydroelectric Project

Name of the Petitioner: M/s North Eastern Electric Power Corporation Limited
Name of the Generating Station: Kameng Hydro Power Station

1. Location	
State/Dist.	Arunachal Pradesh/ West Kameng District
River	Bichom & Tenga river
2. Diversion Tunnel	
Size, shape	8.0 m diameter, modified horse shape
Length (M)	368.32 m
3. Dam	
a) Bichom Dam	
Type	Concrete Gravity
Maximum dam height (M)	69.0 m
b) Tenga Dam	
Type	Concrete Gravity
Maximum dam height (M)	24.50 m
4. Spillway	
a) Bichom Dam	
Type	Ogee shaped concrete spillway with 6 nos. radial gates of size 9 m X 11.80 m
Crest level of spillway (M)	EL 735 m
b) Tenga Dam	
Type	Flat apron concrete spillway with 2 nos. radial gates of size 14 m X 14 m
Crest level of spillway (M)	EL 756 m
5. Reservoir	
a) Bichom Dam	
Full Reservoir Level (FRL) (M)	770 m (a.s.l)
Minimum Draw Down Level (MDDL) (M)	764.50 m (a.s.l)
Live storage (MCM)	5.718 MCM
b) Tenga Dam	
Full Reservoir Level (FRL) (M)	770 m (a.s.l)
Minimum Draw Down Level (MDDL) (M)	763 m (a.s.l)
Live storage (MCM)	0.5 MCM
6. De-silting Chamber	
Type	NA
Number and Size	NA
Particle size to be removed(mm)	NA
7. Head Race Tunnel	
Size and type	6.7 m dia. Modified Horse Shoe, Concrete lining
Length (M)	14.527 km
Design discharge(Cumecs)	140 cumec
8. Surge Shaft	
Type	Restricted orifice type surge shaft located at the end of Low Pressure Tunnel
Diameter (M)	25 m
Height (M)	71.35 m (including 9.35 m height of orifice)
9. Penstock/Pressure shafts	
Type	Combination of underground-overground-underground steel lined pressure tunnel
Diameter & Length (M)	1 no. of 5.3 m dia. of length 601.10 m taking off from surge tank, bifurcating into 3.75 m dia. (at valve house) of lengths 1415.813 m & 1415.497 m and then each bifurcating into 2.85 m dia. Of length 52.15 m each to feed units.
10. Power House	
Installed capacity (No of units x MW)	4 x 150 MW
Type of turbine	Francis Turbine
Rated Head(M)	482.75 m
Rated Discharge(Cumecs)	140 cumec (35 cumec per unit)
Head at Full Reservoir Level (M)	536.00 m
Head at Minimum Draw down Level (M)	530.50 m
MW Capability at FRL	600 MW
MW Capability at MDDL	168.86 MW
11. Tail Race Tunnel/Channel	
Diameter (M) , shape	Open Channel with width 65 m
Length (M)	49.50 m
Minimum tail water level (M)	233.59 m
12. Switchyard	
Type of Switch gear	SF6 type Circuit Breakers and combination of Pantograph & Horizontal Circuit Breaker (HCB) Isolators
No. of generator bays	4 Nos
No. of Bus coupler bays	1 No
No. of line bays	2 Nos
Efficiency (overall) Turbine and Generator	92.98%

Note: Specify limitation on generation during specific time period(s) on account of restrictions on water use due to irrigation, drinking water, industrial, environmental considerations etc.

(Petitioner)

PART - I
FORM - 4

Details of Foreign Loans

(Details only in respect of loans applicable to the project under petition)

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION
Exchange Rate at COD or 31.03.2004, whichever is later _____
Exchange Rate as on 31.03.2014 _____

Sl	Financila Year (Starting from	Year 1				Year 2				Year 3 and so on			
	1	2	3	4	5	6	7	8	9	10	11	12	13
		Date	*Amount (Foreign Currency)*	*Relevant Exchange Rate*	*Amount (' inLakh)*	*Date*	*Amount (Foreign Currency)*	*Relevant Exchange Rate*	*Amount (' inLakh)*	*Date*	*Amount (Foreign Currency)*	*Relevant Exchange Rate*	*Amount (' inLakh)*
	Currency1[1]												
A.1	At the date of Drawal or at the beginning to the year of the period[2]												
2	Scheduled repyment date of principal												
3	Scheduled repyment date of interest												
4	At the end of the Financial Year												
B	In case of Hedging[3]												
1	At the date of Hedging												
2	Period of Hedging												
3	Cost of Hedging												
	Currency3[1] and so on												
A. 1	At the date of Drawl[2]												
2	Scheduled repyment date of principal												
3	Scheduled repyment date of interest												
4	At the end of the Financial Year												
B	In case of Hedging[3]												
1	At the date of Hedging												
2	Period of Hedging												
3	Cost of Hedging												

Not applicable

1. Name of the currency to be mentioned e.g. US$, DM,etc
2. In case of more than one drawl during the year, Exchange rate at the date of each drawl to be given
3. Furnish details of hedging, in case of more than one hedging during the year or part hedging, details of each hedging are to be given
4. Tax (such as withholding tax) details as applicable including change in rates, date from which change effective etc. must be clearly indicated.

Details of Foreign Equity

(Details only in respect of Equity Infusion if any applicable to the project under petition)

PART-II
FORM- 4A

Name of the Petitioner: NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station 11-11-2024 KAMENG HYDRO POWER STATION

Exchange Rate on date/s of infusion

S. No.	Financial Year	Year 1				Year 2				Year 3 and so on			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
		Date	Amount (Foreign Currency)	Relevant Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foreign Currency)	Relevant Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foreign Currency)	Relevant Exchange Rate	Amount (Rs. Lakh)
	Currency1[1]												
A.1	At the date of infusion[2]												
2													
3													
	Currency2[1]												
A.1	At the date of infusion[2]		Not applicable										
2													
3													
	Currency3[1]												
A.1	At the date of infusion[2]												
2													
3													
	Currency4[1] and so on												
A.1	At the date of infusion[2]												
2													
3													

1. Name of the currency to be mentioned e.g. US$, DM, etc.

(Petitione





PART - II
FORM - 5

Abstract of Admitted Capital Cost for the existing Projects

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION

Rs. In Lakhs

	Capital Cost as admitted by CERC	
a)	Capital Cost admitted as on _____ (Give reference of the relevant CERC Order with Petition No. & Date)	**Not applicable**
b)	Foreign Component, if any (In Million US $ or the relevant Currency)	
c)	Foreign Exchange rate considered for the admitted Capital cost (Rs Lakh)	
d)	Total Foreign Component (Rs. Lakh)	
e)	Domestic Component (Rs. lakh)	
f)	Hedging cost, if any, considered for the admitted Capital cost (Rs Lakh)	
	Total Capital cost admitted (Rs. Lakh) (d+e+f)	

(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 : KAMENG HYDRO POWER STATION

New Projects
Capital Cost Estimates

Board of Director/Agency approving the Capital cost estimates:	Ministry of Power(MoP),Govt of India.				Remarks
Date of Approval of the Capital cost estimates	12/2/2004				
	Present Day Cost (in Rs. Lakh)	**Present Day Cost (in Rs. Lakh)**	**Present Day Cost (in Rs. Lakh)**	**Completed Cost (in Rs.Lakh)**	
Price level of approved estimates	Projected analysis as on 17.06.2020 -UNIT-I	Projected analysis as on 17.07.2020 -UNIT-II	Projected analysis as on 22.01.2021 -UNIT-III	Projected analysis as on 12.02.2021 -UNIT-IV	
March 2004 for Rs.249690.43 Lakh	680296.43	708793.00	812500.65	840841.59	
Foreign Exchange rate considered for the Capital cost estimates	NIL				
Capital Cost excluding IDC, IEDC & FC					
Foreign component, if any (In Million US$ or the relevant Currency)					
Domestic Component (Rs. Lakh)					
Capital cost excluding IDC, IEDC FC, FERV & Hedging Cost (Rs. Lakh)	346765.22	361237.80	412516.55	426400.99	
IDC, IEDC, FC, FERV & Hedging Cost					
Foreign component, if any (In Million US$ or the relevant Currency)					
Domestic Component (Rs. Lakh)					
Total IDC, IEDC, FC, FERV & Hedging Cost (Rs. Lakh)	333531.21	347555.20	399984.10	414440.60	
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)					
Capital cost including IDC, IEDC & FC (Rs. Lakh)	680296.43	708793.00	812500.65	840841.59	
Schedule of Commissioning as per investment approval					
Scheduled COD of Unit - I	Wednesday, June 17, 2020				
Scheduled COD of Unit - II		Wednesday, July 1, 2020			
Scheduled COD of Unit-III			Friday, January 22, 2021		
Scheduled COD of Unit-IV				##########	
Scheduled COD of last Unit / Station					

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 : KAMENG HYDRO POWER STATION

(Amount in Rs Lakh)

Sl. No. (1)	Break Down (2)	Original Cost as approved by Authority/ Investment Approval (3)	2024-25 Actual Capital Expenditure as on 31.03.2025	2025-26 Actual Capital Expenditure as on 31.03.2026	2026-27 Actual Capital Expenditure as on 31.03.2027	2027-28 Actual Capital Expenditure as on 31.03.2028	2028-29 Actual Capital Expenditure as on 31.03.2029	2024-25 Liabilities/ Provisions (8)	2025-26 Liabilities/ Provisions (9)	2026-27 Liabilities/ Provisions (10)	2027-28 Liabilities/ Provisions (11)	2028-29 Liabilities/ Provisions (14)	2024-25 Variation (17=3-8-10) -UNIT-III	2025-26 Variation (18=3-7-11)-UNIT-IV	2026-27 Variation (19=3-8-12)	2027-28 Variation (20=3-9-13)	2028-29 Variation (21=3-10-14)	Reasons for Variation (22)
1.0	Infrastructure Works	1058.00	56.85	56.85	56.85	56.85	56.85	0.00	0.00	0.00	0.00	0.00	1001.15	1001.15	1001.15	1001.15	1001.15	Enclosed in Annexure-I
1.1	Preliminary including Development	911.82	1038.41	1038.41	1038.41	1038.41	1038.41	0.00	0.00	0.00	0.00	0.00	(5298.68)	(5298.68)	(5298.68)	(5298.68)	(5298.68)	
1.2	Land* (FOREST LAND (RIGHT TO USE)		3672.49	3672.49	3672.49	3672.49	3672.49	0.00	0.00	0.00	0.00	0.00						
1.3	R&R expenditure (Land)	6990.76	5462.34	5462.34	5462.34	5462.34	5462.34	0.00	0.00	0.00	0.00	0.00	(1153.94)	(1153.94)	(1153.94)	(1153.94)	(1153.94)	
1.4	Buildings		2695.38	2695.38	2695.38	2695.38	2695.38	0.00	0.00	0.00	0.00	0.00						
1.5	Township	1427.21	3475.17	3475.17	3475.17	3475.17	3475.17	0.00	0.00	0.00	0.00	0.00	(2044.16)	(2044.16)	(2044.16)	(2044.16)	(2044.16)	
1.6	Maintenance	1792.81	1634.74	1634.74	1634.74	1634.74	1634.74	0.00	0.00	0.00	0.00	0.00	148.07	148.07	148.07	148.07	148.07	
1.7	Tools & Plants	22058.94	22758.82	22758.82	22758.82	22758.82	22758.82	0.00	0.00	0.00	0.00	0.00	(719.88)	(719.88)	(719.88)	(719.88)	(719.88)	
1.8	Communication	8723.5	12938.92	12938.92	12938.92	12938.92	12938.92	0.00	0.00	0.00	0.00	0.00	(8215.42)	(8215.42)	(8215.42)	(8215.42)	(8215.42)	
1.9	Environment & Ecology	357.75											357.75	357.75	357.75	357.75	357.75	
1.10	Losses on stock	-302.37											(302.37)	(302.37)	(302.37)	(302.37)	(302.37)	
1.11	Receipt & Recoveries	3324.05	3832.22	3832.22	3832.22	3832.22	3832.22	0.00	0.00	0.00	0.00	0.00	(508.22)	(508.22)	(508.22)	(508.22)	(508.22)	
1.12	Miscellaneous	44419.21	59665.32	59665.32	59665.32	59665.32	59665.32	0.00	0.00	0.00	0.00	0.00	(14246.01)	(14246.01)	(14246.01)	(14246.01)	(14246.01)	
1.13	Total (Infrastructure Works)																	
2.0	Major Civil Works																	
2.1	Dam, Intake & Desilting Chambers	45307.63	269915.28	272718.71	272718.71	272718.71	272718.71	703.69	703.69	703.69	703.69	703.69	(22211.03)	(22914.96)	(22914.96)	(22914.96)	(22914.96)	
2.2	HRT, TRT, Surge Shaft & Pressure shafts	68760.33	22403.13	22403.13	22403.13	22403.13	22403.13	13.10	13.10	13.10	13.10	13.10	46345.10	46345.10	46345.10	46345.10	46345.10	
2.3	Power Plant civil works																	
2.4	Other civil works (to be specified)	114067.96	292318.41	295121.84	295121.84	295121.84	295121.84	715.88	715.88	715.88	715.88	715.88	(175995.40)	(191760.88)	(191760.88)	(191760.88)	(191760.88)	
2.5	Total (Major Civil Works)																	
3.0	Hydro Mechanical Equipments	56021.83	84421.08	84720.21	84720.21	84720.21	84720.21	507.51	507.51	507.51	507.51	507.51	(28005.87)	(28005.80)	(28005.80)	(28005.80)	(28005.80)	
4.0	Plant & Equipment																	
4.1	Initial spares of Plant & Equipment	56021.83	84421.08	84720.21	84720.21	84720.21	84720.21	507.51	507.51	507.51	507.51	507.51	(28005.87)	(28005.80)	(28005.80)	(28005.80)	(28005.80)	
4.2	Total (Plant & Equipment)																	
5.0	Taxes and Duties	Inclusive above	Inclusive above	Inclusive above	Inclusive above	Inclusive above	Inclusive above											
5.1	Custom Duty																	
5.2	Other Taxes & Duties																	
5.3	Total Taxes & Duties																	
6.0	Construction & Pre- Commissioning Expenses																	
6.1	Erection, testing & commissioning																	
6.2	Construction insurance																	
6.3	Site supervision																	
6.4	Total (Const. & Pre- Commissioning Expenses)																	
7.0	Overheads	9371.95	139896.34	139896.34	139896.34	139896.34	139896.34	0.00	0.00	0.00	0.00	0.00	(130524.39)	(130524.39)	(130524.39)	(130524.39)	(130524.39)	
7.1	Establishment																	
7.2	Design & Engineering																	
7.3	Audit & Accounts																	
7.4	Contingency																	
7.5	Total (Overheads)																	
8.0	Capital cost without IDC, FC, FERV & Hedging Cost																	
9.0	IDC, FC, FERV & Hedging Cost	34809.00	274744.28	274744.28	274744.28	274744.28	274744.28	0.00	0.00	0.00	0.00	0.00	(349835.28)	(349835.28)	(349835.28)	(349835.28)	(349835.28)	
9.1	Interest During Construction (IDC)																	
9.2	Financing Charges (FC)																	
9.3	Foreign Exchange Rate Variation (FERV)																	
9.4	Hedging Cost																	
9.5	Total of IDC, FC, FERV & Hedging Cost	34809.00	274744.28	274744.28	274744.28	274744.28	274744.28	0.00	0.00	0.00	0.00	0.00	(349835.28)	(349835.28)	(349835.28)	(349835.28)	(349835.28)	
10.0	Capital cost including IDC, FC, FERV & Hedging Cost	249898.14	848868.81	852947.97	852947.97	852947.97	852947.97	1223.58	1223.58	1223.58	1223.58	1223.58	(691376.79)	(694481.32)	(694481.32)	(694481.32)	(694481.32)	

* Provide details of Freehold land, Lease hold 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 / anticipated COD, increase in IEDC from scheduled COD to actual COD/anticipated COD and increase of IDC from scheduled COD to actual/anticipated 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.

*Details of Land:	Unit-I,II,III & IV
FOREST LAND (RIGHT TO USE)	1916.91
FOREST LAND (R&R EXPENDITURE)	3672.49
FREEHOLD LAND	441.06
TOTAL	6030.46

Petitioner

PART-II
FORM-5C

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

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION

(Amount in Rs Lakh)

Sl. No. (1)	Break Down (2)	Original Cost as approved by Authority / Investment Approval (1)	Cost on Actual / anticipated COD (1)	Variation	Reasons for Variation *
		Total Cost	Total Cost	(3)	(4)
1	Preliminary (Annexure - I) (a:-Consultancy + b:- Model Test + c:- Construction Power(i):- Construction Power arrangement	9,548.21	84720.21	-27,798.28	The increase is mainly due to changes in capacity / specification during detail design and engineering. Penstock Butterfly valve and Shunt Reactor have been introduced as per design requirement. Besides, expenditure towards Price Escalation also resulted in the increase in cost. Further, NPV of Rs 1.46 crore was paid towards forest land diverted by MOEF, GOI for laying 132 kv Tenga-Buragaon-Bichom Transmission Line.
	c:- Construction Power(ii):- Power Supply				
	Total Preliminary				
2	Generating Plant & Equipment				
	Generator, Turbine & Accessories (Annexure-II)	27,237.87			
	Auxiliary Electrical Equipment for Power Station (Annexure - III)	6,366.27			
	Auxiliary Equipment & Services for Power Station (Annexure - IV)	1,461.11			
	Central Sales Tax @ 4% on 2 [a], [b] & [c]	1,402.61			
	Entry Tax @ 4% (New Tax at Ar. Pradesh)	-			
	Transportation, Handling & Insurance Charges	2,103.92			
	Erection & Commissioning Charges	2,805.22			
	(Total Generating Plant & Equipment)	41,377.00			
3	Switchyard				
	Substation Equipment & Auxiliary Equipment & Services for Switchyard	2,358.90			
	Central Sales Tax @ 4% on 3 [a]	94.36			
	Entry Tax @ 4% (New Tax at Ar. Pradesh)	-			
	Transportation, Handling & Insurance Charges	141.53			
	Erection & Commissioning Charges	188.71			
	(Total Substation Equipment & Auxiliary Equipment & Services for SY	2,783.49			
4	Total (Item 1 + 2 + 3)	53,708.71			
5	Establishment @ 6% of Item 4 (Excluding Preliminary)	2,649.63			
6	Audit & Accounts Charges @ 1% of 4 & 5 above	563.58			
7	Service Tax on E&C				
	GRAND TOTAL	56,921.93	84720.21	-27798.28	

Note:
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.

Petitioner

Break-up of Construction/Supply/Service packages

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Sta KAMENG HYDRO POWER STATION

1	Name/No. of Construction/Supply/ Service Package	Package I	Package II	Package III	Package IV	Package V	Package VI	Package VII	Total Cost of all packages
2	Scope of works[1] (in line with head of cost break-ups as applicable)	Consists of Bichom Dam, HR Tunnel of length 4.40 Km	Consists of Tenga Dam, HR Tunnel of length 7.20 Km	Consists of Power House, HR Tunnel of length 2.90 Km, Pressure Tunnel of 3.6 Km	Design, Manufacture, Supply, Testing & Erection of all the gates required to control the water at Bichom Dam, Tenga Dam & Power house and steel penstocks for the High Pressure Tunnel (HPT)	Supply, fabrication & erection of Turbine, Generator etc awarded to M/s BHEL required for generat	Supply & Erection of Switch yard	Supply and erection of Transformer	
3	Whether awarded through ICB/DCB/Departmentally/Deposit Work	Available with C&P Wing,Shillong							
4	No. of bids received								
5	Date of Award	3.12.2004	3.12.2004	3.12.2004	3.12.2004	3.12.2004	6.1.2009	28.3.2008	
6	Date of Start of work	3.12.2004	3.12.2004	3.12.2004	3.12.2004	3.12.2004	6.1.2009	28.3.2008	
7	Date of Completion of Work/Expected date of completion of work	18.03.2020	30.05.2019	30.10.2019	10.03.2018	13.03.2018	28.02.2018	13.03.2018	
8	Value of Award[2] in (Rs. Lakh)	14381.03	11639.66	13165.12	23623.29	28159.55	5479.97	6480.59	
9	Firm or With Escalation in prices	With Escalation	With Escalation	With Escalation	With Escalation	With Escalation	With Escalation	With Escalation	
10	As per project expenditure up to 31.03.2024(Rs.Lakh)	449240.79				128962.92			**578203.71**
11	Taxes & Duties and IEDC (Rs. Lakh)	Inclusive with the Package cost							
12	IDC, FC, FERV & Hedging cost (Rs. Lakh)	274744.26							274744.26
13	Sub-total (10 + 11 + 12) (Rs. Lakh)	852947.97							852947.97

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)

In case there is cost over run

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION

Sl. No.	Break Down	Original Cost (Rs. Lakh) as approved by the	Cost (Rs. Lakh)-as on 17.06.20-UNIT-I	Cost (Rs. Lakh)-as on 01.07.20-UNIT- II	Cost (Rs. Lakh)-as on 22.01.21-UNIT-III	Cost (Rs. Lakh)-as on 12.02.21-UNIT-IV	Difference	Reason 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	Total Cost	Total Cost	Total Cost		
1	Infrastructure Works								
1.1	Preliminary including Development	1558	56.85	56.85	56.85	56.85	1501.15	The increase is mainly due to the cost of design consultancy services for providing detailed design and engineering for different structures of the projects. The cost for the services was finalized based on the International Competitive Bidding.	
1.2	Land* (FOREST LAND (RIGHT TO USE)	509.06	1957.97	1957.97	1957.97	1957.97	-1448.91	Increase due to acquisition of additional quarry land.	
1.3	R&R expenditure (Land)	2.86	3872.49	3872.49	3872.49	3872.49	-3869.63	The increase is due to increase in cost of R&R works.	
1.4	Buildings	6993.75	7603.75	7603.75	7603.75	7603.75	-610.00	The main reason explaining the increase in the cost is the lesser plinth area rate taken in the sanctioned cost as compared to the rate of execution. This increase is due to considerable increase in the cost of building material and labour during execution of project. Further the increase is also inclusion of new items at project site like building for communication facilities, Megazine and field hostel/office at Guwahati.	
1.5	Miscellaneous	3324	3692.36	3692.36	3692.36	3692.36	-368.36	The expenditure under this head covered the capital cost and maintenance of miscellaneous works such as running and maintenance of vehicles, offices, water supply, colony etc.	
1.6	Maintenance	1431.01	3475.17	3475.17	3475.17	3475.17	-2044.16		
1.7	(i) Tools & Plants	1966.26	1517.23	1517.23	1517.23	1517.23	265.58	The increase which is mainly due to inadequate provision of equipment in original estimate.	
	(ii) Special T&P	216.55							
1.8	Communication	22038.94	18300.25	19096.40	21968.88	22758.82	-719.88	The increase under this head is mainly due to the increase in cost of material and labour during execution of project. Further there is increase in cost in deposit work awarded to BRTF against construction of bridges & roads and their improvement at an amount higher than the amount approved by CCEA. Further there is increase in cost for improvement of existing road and other approach roads, culvert etc.	
1.9	Environment & Ecology	6553.49	10518.22	10964.87	12513.28	12938.92	-6385.43	The increase was mainly due to revision of cost of implementation of CAT Plan from by GoAP as per prevailing cost norms and approved cost index.	
1.1	Plantation	170	0				170	Due to inadequate provision in the DPR	
1.11	Losses on stock								
1.12	Receipt & Recoveries								
1.13	Total (Infrastructure works)	44364.36	50994.30	52237.10	56657.99	57873.57	-13509.65		
2	Major Civil Works								
2.1	Dam, Intake & De-silting Chambers								
2.1.1	HRT, TRT, Surge Shaft & Pressure shafts	45445.62	237673.22	237673.22	269811.34	269811.34	-224365.72	There is increase in cost due to execution of new items like construction sluices in Bichom Dam, Tenga Drop Shaft and extra works including transportation of quarry materials from Government designated quarries, due to poor geology encountered in tunnel excavation. Rocks encountered during tunnel excavation was mostly of Class-IV type for which preventive measures such as advanced ground stabilization method, PU/micro fine cement grouting etc. were resorted to. Extra work items were executed to restore the damaged work fronts due to collapses/flooding	
2.1.4	Total	45445.62	237673.22	237673.22	269811.34	269811.34	-224365.72		

Sl. No.	Break Down	Original Cost (Rs. Lakh) as approved by the	Cost (Rs. Lakh)-as on 17.06.20-UNIT-I	Cost (Rs. Lakh)-as on 01.07.20-UNIT- II	Cost (Rs. Lakh)-as on 22.01.21-UNIT-III	Cost (Rs. Lakh)-as on 12.02.21-UNIT-IV	Difference	Reason 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	Total Cost	Total Cost	Total Cost		
2.2	Power Plant civil works	68622.2	22403.13	22403.13	22403.13	22403.13	46219.07	The increase is mainly Due to re-engineering by NEEPCO as per site requirement, there was increase in quantity of excavation of power house. Due to poor geology, power house location was shifted by 2000 m downstream, penstock profile changed from fully underground to partly underground and partly over ground and Tail Race Tunnel changed to Tail Race Channel. Additional work like micro piling, flood protection wall, cladding wall have been introduced in Power House. Expenditure under factors like Price Escalation & Statutory Levies have also resulted in the increase in cost under this head.	
2.2.5	Total	68760.33	22403.13	22403.13	22403.13	22403.13	46219.07		
2.5	Total (Major Civil Works) (2.1.4+2.2.5)	114067.82	260076.35	260076.35	292214.47	292214.47	-178146.65		
3	Hydro Mechanical equipments								
4	Plant & Equipment								
4.1	Supply, fabrication & erection of Turbine, Generator etc; Supply & Erection of Switch yard and Supply and erection of Transformer							The increase is mainly due to changes in capacity / specification during detail design and engineering. Penstock Butterfly valve and Shunt Reactor have been introduced as per design requirement. Besides, expenditure towards Price Escalation also resulted in the increase in cost. Further, NPV of Rs 1.46 crore was paid towards forest land diverted by MOEF, GOI for laying 132 kv Tenga-Buragaon-Bichom Transmission Line. However, there is decrease in cost due to waive off of Excise Duty for Kameng HEP as per the relevant guidelines of Govt. of India.	
4.1.1	Preliminary	56921.92	35694.57	48924.36	63644.08	76312.94	-19391.02		
4.1.2	Generating Plant & Equipment								
4.1.3	Switchyard								
4.1.4	Others like Estt ,Audit charge etc.								
4.2	Total (Plant & Equipment)	56921.93	35694.57	48924.36	63644.08	76312.94	-19391.02		
5	Taxes and Duties								
5.1	Custom Duty								
5.2	Other taxes & Duties								
5.3	Total Taxes & Duties								

Sl. No.	Break Down	Original Cost (Rs. Lakh) as approved by the Board of Members	Cost (Rs. Lakh)-as on 17.06.20-UNIT-I	Cost (Rs. Lakh)-as on 01.07.20-UNIT- II	Cost (Rs. Lakh)-as on 22.01.21-UNIT-III	Cost (Rs. Lakh)-as on 12.02.21-UNIT-IV	Difference	Reason 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	Total Cost	Total Cost	Total Cost		
6	Construction & Pre-commissioning expenses								
6.1	Erection, testing & commissioning								
6.2	Construction Insurance								
6.3	Site supervision								
6.4	Total (Const. & Pre-commissioning)								
7	Overheads								
7.1	Establishment	9427.32	112424.05	117151.14	134823.45	139696.34	-130269.02	The increase in salary and wage revision w.e.f 01.01.1997 which was implemented in October, 2003 & September, 2006 had also contributed to increase in establishment cost. Additional expenditure has been incurred due to extended period of project execution.	
7.2	Design & Engineering								
7.3	Audit & Accounts								
7.4	Contingency								
7.5	Rehabilitation & Resettlement								
7.6	Total (Overheads)	9427.32	112424.05	117151.14	134823.45	139696.34	-130269.02		
8	Capital Cost without IDC, FC, FERV & Hedging Cost								
9	IDC, FC, FERV & Hedging Cost								
9.1	Interest During Construction (IDC)	24909.00	221107.17	230404.06	265160.64	274744.26	-249835.26	This is due to increase in Principal amount/Capital cost and rescheduling of the commissioning of the Project. NEEPCO informed the Committee that the entire increase in cost of IDC & IC has occurred beyond the approved time cycle of the project.	
9.2	Financing Charges (FC)								
9.3	Foreign Exchange Rate Variation (FERV)								
9.4	Hedging Cost								
9.5	Total of IDC, FC, FERV & Hedging Cost	24909.00	221107.17	230404.06	265160.64	274744.26	-249835.26		
10	Capital cost including IDC, FC, FERV & Hedging Cost	249690.43	680296.43	708793.00	812500.65	840841.59	-591151.16		

*** Submit details of Freehold and Lease hold land.**

Note: Impact on account of each reason for Cost overrun should be quantified and substantiated with necessary documents and supporting workings.

*Details of Land:	Unit-I,II,III & IV
FOREST LAND (RIGHT TO USE)	1518.91
FOREST LAND (R&R EXPENDITURE)	3972.49
FREEHOLD LAND	441.06
TOTAL	5830.46

(Petitioner)

PART-II
FORM-5Eii

In case there is time over run

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION

S. No.	Description of Activity/Works/Service	Original Schedule (As per Planning)		Actual Schedule (As per Actual)		Time Over-Run	Reasons for delay	Other Activity affected (Mention Sr No. of activity affected)
		Start Date	Completion Date	Actual Start Date	Actual Completion Date	Months		
1	Acquisition of Land						Enclosed as Annexure I	
2	Bichom Dam ,Spillway ,HRT and Diversion Tunnel	3.12.2004	2.03.2009	3.12.2004	18.3.2020	(172-60)=112		----
3	Tenga Dam, Spillway, HRT	3.12.2004	2.03.2009	3.12.2004	30.05.2019	(162-60)=102		----
4	Power House, TRC,	3.12.2004	2.03.2009	3.12.2004	30.10.2019	(167-60)=107		----
5	SS Gate, DT Gate, Intake Gate, TRCM, Drop Shaft Gate, Steel Liner etc	3.12.2004	2.03.2009	3.12.2004	30.11.2020	(192-60)=132		Activity affected due to delay in sl. No 2,4 & 5
6	Generator Equipment , Aux Equip.	3.12.2004	2.6.2009	3.12.2004	13.3.2018	(159-60)=99		Activity affected due to delay in sl. No 5 & 6
7	Switch Yard Equipment	6.1.2009	5.1.2011	6.1.2009	28.2.2018	(108-60)=48		----
8	Transformer	28.3.2008	27.7.2010	28.3.2008	13.3.2018	(92-60)=32		----

1 Delay on account of each reason in case of time overrun should be quantified and substantiated with necessary documents and supporting workings.
2 Indicates the activies on critical path.

(Petitioner)

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PART-I
FORM- 6

Financial Package upto COD

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION
Estimated Project Cost as on COD :
Estimated Date of Commercial Operation of the Station :

(Amount in lacs)

	Financial Package as Approved		Financial Package as on Station COD		As Admitted on COD	
	Currency and Amount		Currency and Amount		Currency and	
1	2	3	4	5	6	7
1. PSU Bonds:						
XIVth series			182,989.92			
XVth series			54,025.83			
XVIth series			60,000.00			
XVIIIth series			16,955.02			
XIXth series			30,000.00			
XXth series			30,000.00			
XXIth series			15,000.00			
XXIIth series			50,000.00			
Canara Bank - Medium Term Loan			50,000.00			
PNB - Corporate Term Loan			50,000.00			
Total Debt:	**174,783.00**		**538,970.77**			
Equity:						
Foreign						
Domestic	74,907.00		87,170.00			
Internal Resources			188,960.13			
Total Equity:	**74,907.00**		**276,130.13**			
Debt: Equity Ratio	**70 : 30**		**66 : 34**			

Note: Internal resources are based on Capex shown in Financial Progress Report as on 31.12.2020.

Details of Project Specific Loans **Form-7**

Name of the Company : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION

(Amount in Lacs)

Particulars	Term loan No.78202005
Source of Loan	Power Finance Corporation Ltd
Currency	INR
Amount of Loan sanctioned	223,968.00
Amount of Gross Loan drawn upto COD	178,279.25
Interest Type	Floating
Fixed Interest Rate, if applicable	Lending rate prevailling at the time of drawal with a interest reset at the end of every 3 years
Base Rate, if Floating Interest	N.A.
Margin, if Floating Interest	
Are there any Caps/Floor	N.A.
If above is yes,specify caps/floor	N.A.
Moratorium Period	
Moratorium effective from	26-Jul-05
Repayment Period	15 years
Repayment effective from	10-Oct-17
Repayment Frequency	Quarterly
Repayment Instalment	2971.32
Base Exchange Rate	N.A.

Note: The PFC loan was fully prepaid on 1st October , 2014.





Details of Allocation of corporate loans to various projects.

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION

Particulars	Loan 1	Loan 2	Loan 3	Loan 4
Source of Loan	PSU Bonds-XVIIth Series (2nd Tranche)	PSU Bonds-XVIth Series	PSU Bonds-XVth Series	PSU Bonds-XVIth Series
Currency	INR	INR	INR	INR
Amount of Loan sanctioned	151,000,000	25,000,000,000	6,000,000,000	9,000,000,000
Amount of Gross Loan drawn upto 31.03.2014/COD	151,000,000	25,000,000,000	6,000,000,000	9,000,000,000
Interest Type	Fixed	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	9.80%	9.60%	9.15%	8.60%
Base Rate, if Floating Interest	N.A.	N.A.	N.A.	N.A.
Margin, if Floating Interest	N.A.	N.A.	N.A.	N.A.
Are there any Caps/Floor	N.A.	N.A.	N.A.	N.A.
If above is yes,specify caps/floor	N.A.	N.A.	N.A.	N.A.
Moratorium Period	10 years	6 years	6 years	11 years
Moratorium effective from	March 30, 2002	October 1, 2014	March 25, 2015	30-Sep-15
Repayment Period	10 years	10 years	10 years	15 years
Repayment effective from	March 30, 2012	October 1, 2020	March 25, 2021	15-Sep-26
Repayment Frequency	Bullet	Staggered: 20% of face value to be redeemed in the last 5 years	Staggered: 20% of face value to be redeemed in the last 5 years	Staggered: 20% of face value to be redeemed in the last 5 years
Repayment Instalment	151,000,000	5,000,000,000	1,200,000,000	1,800,000,000
Base Exchange Rate	N.A.	N.A.	N.A.	N.A.
Distribution of Gross Loan drawn up to: (In lakh)				
Name of the Project				
1. Tripura Gas Based Power Project, Monarchak	410.00		5974.17	
2. Solar PP, Monarchak,Agartala	-	2800.00		
3. AGTP Extn,Agartala				
4.Tuirial Hydro Electric Project, Arunachal Pradesh		18462.60	-	-
5. Kameng Hydro Electric Project, Arunachal Pradesh	1100.00	228737.40	54025.83	60000.00
6. Pare Hydro Electric Project, Arunachal Pradesh				30000.00
Total	1510.00	250000.00	60000.00	90000.00

Details of Allocation of corporate loans to various projects

Particulars	Loan 5	Loan 6	Loan 7	Loan 8
Source of Loan	PSU Bonds-XVIIIth Series	PSU Bonds-XVIIIth Series	PSU Bonds-XIXth Series	PSU Bonds-XXth Series
Currency	INR	INR	INR	INR
Amount of Loan sanctioned	3,000,000,000	5,000,000,000	3,000,000,000	3,000,000,000
Amount of Gross Loan drawn upto 31.03.2014/COD	3,000,000,000	5,000,000,000	3,000,000,000	3,000,000,000
Interest Type	Fixed	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	7.88%	7.68%	8.75%	9.50%
Base Rate, if Floating Interest	N.A.	N.A.	N.A.	N.A.
Margin, if Floating Interest	N.A.	N.A.	N.A.	N.A.
Are there any Caps/Floor	N.A.	N.A.	N.A.	N.A.
If above is yes,specify caps/floor	N.A.	N.A.	N.A.	N.A.
Moratorium Period	3 years 2 months	8 years	8 years	5 years
Moratorium effective from	March 27, 2017	November 15, 2017	March 6, 2018	November 29, 2018
Repayment Period	3 years 2 months	7.5 years	2 years	2 years
Repayment effective from	3 years 2 months	25-May-25	6-Sep-26	29-May-24
Repayment Frequency	Bullet	Staggered: 50% of face value to be redeemed in two installments in the last year	Staggered:25% of face value to be redeemed in four installments in the last two years	Staggered:25% of face value to be redeemed in four installments in the last two years
Repayment Instalment	3,000,000,000	2,500,000,000	750,000,000	750,000,000
Base Exchange Rate	N.A.	N.A.	N.A.	N.A.
Distribution of Gross Loan drawn up to: (in lakh)				
Name of the Project				
1. Tripura Gas Based Power Project, Monarchak				
2. Solar PP, Monarchak,Agartala				
3. AGTP Extn,Agartala				
4.Tuirial Hydro Electric Project, Arunachal Pradesh	-	33044.98		
5. Kameng Hydro Electric Project, Arunachal Pradesh	30000.00	16955.02	30000.00	30000.00
6. Pare Hydro Electric Project, Arunachal Pradesh				
Total	30000.00	50000.00	30000.00	30000.00

Details of Allocation of corporate loans to various projects

Particulars	Loan 9	Loan 10	Loan A/c No.33461472739	Loan A/c No.33088188585
Source of Loan	PSU Bonds-XXIIth Series	PSU Bonds-XXIIIth Series	SBI - Short Term Loan drawn as gap finance	SBI - Short Term Loan drawn as gap finance
Currency	INR	INR	INR	INR
Amount of Loan sanctioned	1,500,000,000	5,000,000,000	1,000,000,000	2,000,000,000
Amount of Gross Loan drawn upto 31.03.2014/COD	1,500,000,000	5,000,000,000	1,000,000,000	2,000,000,000
Interest Type	Fixed	Fixed	Floating	Floating
Fixed Interest Rate, if applicable	8.69%	7.55%		
Base Rate, if Floating Interest	N.A.	N.A.	SBI Base Rate	SBI Base Rate
Margin, if Floating Interest	N.A.	N.A.	0.25%	0.20%
Are there any Caps/Floor	N.A.	N.A.		
If above is yes,specify caps/floor	N.A.	N.A.		
Moratorium Period	8 years	8 years	3 months	3 months
Moratorium effective from	26/09/2019	October 6, 2020	11-Nov-13	25-Jul-14
Repayment Period	2 years	2 years	1 year	1 year
Repayment effective from	26-Sep-26	10-Dec-26	10-Feb-14	24-Oct-14
Repayment Frequency	Staggered:50% of face value to be redeemed in two installments in the last two years	Staggered:25% of face value to be redeemed in four installments in the last two years	Quarterly	Quarterly
Repayment Instalment	750,000,000	1,250,000,000	250000000	500000000
Base Exchange Rate	N.A.	N.A.	N.A.	N.A.
Distribution of Gross Loan drawn up to: (in lakh)				
Name of the Project				
1. Tripura Gas Based Power Project, Monarchak			1500.00	
2. Solar PP, Monarchak,Agartala				
3. AGTP Extn,Agartala			1000.00	
4.Tuirial Hydro Electric Project, Arunachal Pradesh			2125.00	4000.00
5. Kameng Hydro Electric Project, Arunachal Pradesh	15000.00	50000.00	2250.00	12000.00
6. Pare Hydro Electric Project, Arunachal Pradesh			3125.00	4000.00
Total	15000.00	50000.00	10000.00	20000.00

Details of Allocation of corporate loans to various projects.

Particulars	Loan A/c No.:34231357081	Loan A/C No:34847730234	Loan A/C No:35952995708	Loan A/C No:36310234667	Loan A/C No:36310234667
Source of Loan	SBI - Short Term Loan drawn as gap finance	SBI - Short Term Loan drawn as gap finance	SBI - Short Term Loan drawn as gap finance	SBI - Short Term Loan drawn as gap finance	SBI - Short Term Loan drawn as gap finance
Currency	INR	INR	INR	INR	INR
Amount of Loan sanctioned	500,000,000	1,500,000,000	3,000,000,000	2,000,000,000	2,000,000,000
Amount of Gross Loan drawn upto 31.03.2016/COD	500,000,000	1,500,000,000	3,000,000,000	1,330,000,000	2,000,000,000
Interest Type	Floating	Floating	Floating	Floating	Floating
Fixed Interest Rate, if applicable					
Base Rate, if Floating Interest	SBI Base Rate	SBI Base Rate	1-year MCLR	1-year MCLR	1-year MCLR
Margin, if Floating Interest	0.20%	0.00%	0.15%	0.15%	0.00%
Are there any Caps/Floor					
If above is yes,specify caps/floor					
Moratorium Period	3 months	3 months	3 months	3 months	3 months
Moratorium effective from	24-Sep-14	26-May-15	27-Jul-16	27-Jul-16	27-Jul-16
Repayment Period	1 year	1 year	1 year	1 year	1 year
Repayment effective from	23-Dec-14	26-Aug-15	27-Oct-16	27-Oct-16	27-Oct-16
Repayment Frequency	Quarterly	Quarterly	Quarterly	Bullet	Bullet
Repayment Instalment	125000000	375000000	750000000	1330000000	2000000000
Base Exchange Rate	N.A.	N.A.	N.A.	N.A.	N.A.
Distribution of Gross Loan drawn up to: (In lakh)					
Name of the Project					
1. Tripura Gas Based Power Project, Monarchak					
2. Solar PP, Monarchak,Agartala					
3. AGTP Extn,Agartala					
4.Tuirial Hydro Electric Project, Arunachal Pra	1000.00		4000.00	1773.33	4000.00
5. Kameng Hydro Electric Project, Arunachal I	3000.00	15000.00	18000.00	7980.00	12000.00
6. Pare Hydro Electric Project, Arunachal Pra	1000.00		8000.00	3546.67	4000.00
Total	**5000.00**	**15000.00**	**30000.00**	**13300.00**	**20000.00**

Details of Allocation of corporate loans to various projects

Particulars	Loan A/C No:3271480001	Loan A/C No:NIL	Loan A/C No:NIL	Loan A/C No:NIL	Loan A/C No:NIL
Source of Loan	IOB- Short Term Loan drawn as gap finance	PNB- Short Term Loan drawn as gap finance	Canara Bank- Short Term Loan drawn as gap finance	Canara Bank- Medium Term Loan drawn as gap finance	PNB- Corporate Term Loan drawn as gap finance
Currency	INR	INR	INR	INR	INR
Amount of Loan sanctioned	1,000,000,000	750,000,000	5,000,000,000	5,000,000,000	12,500,000,000
Amount of Gross Loan drawn upto 31.03.2014/COD	1,000,000,000	750,000,000	5,000,000,000	5,000,000,000	4,000,000,000
Interest Type	Floating	Floating	Floating	Floating	Floating
Fixed Interest Rate, if applicable					
Base Rate, if Floating Interest	IOB Base Rate	PNB Base Rate	1-year MCLR	1-year MCLR	1-year MCLR
Margin, if Floating Interest	0.25%	0.25%	NIL	0.10%	NIL
Are there any Caps/Floor					
If above is yes,specify caps/floor					
Moratorium Period	3 months	3 months	12 months	12 months	24 months
Moratorium effective from	27-May-14	27-May-14	18-Mar-19	3-Feb-20	30-Sep-20
Repayment Period	1 year	1 year	1 year	5 years	8 years
Repayment effective from	31-Aug-14	31-Aug-14	17-Mar-20	3-May-21	30-Dec-22
Repayment Frequency	Quarterly	Quarterly	Yearly	Quarterly	Quarterly
Repayment Instalment	250000000	187500000	1000000000	1250000000	25,00,00 50,00,00 137,50,00
Base Exchange Rate	N.A.	N.A.	N.A.	N.A.	N.A.
Distribution of Gross Loan drawn up to: (In lakh)					
Name of the Project					
1. Tripura Gas Based Power Project, Monarchak					
2. Solar PP, Monarchak,Agartala					
3. AGTP Extn,Agartala					
4.Tuirial Hydro Electric Project, Arunachal Prad	2000.00	1500.00			
5. Kameng Hydro Electric Project, Arunachal P	6000.00	4500.00	50000.00	50000.00	40000.00
6. Pare Hydro Electric Project, Arunachal Prad	2000.00	1500.00			
Total	**10000.00**	**7500.00**	**50000.00**	**50000.00**	**40000.00**

Summary of interest & FC as on 30.11.2020

(Rs. in lakh)

Year	Interest						Finance charge				Total (Int+FC)
	PFC	Bonds	PNB Term Loan	Canara MTCL	STL	Total	PFC	Bonds including amortisation	STL	Total	
2006-07		108.20				108.20		0.38		0.38	108.58
2007-08		108.35				108.35	6.15	0.37		6.52	114.87
2008-09	754.14	108.35				862.49		0.38		0.38	862.87
2009-10	2,560.56	108.35				2,668.91		0.39		0.39	2,669.29
2010-11	5,421.32	108.35				5,529.67		0.35		0.35	5,530.02
2011-12	8,844.02	107.91				8,951.93		0.03		0.03	8,951.96
2012-13	12,707.31	-				12,707.31		-		-	12,707.31
2013-14	16,813.10	-			73.21	16,886.31		-	0.45	0.45	16,886.76
2014-15	10,775.69	11,164.44			1,189.77	23,129.90	5,007.86	181.83	1.51	5,191.21	28,321.11
2015-16		29,648.09			446.92	30,095.02		5.83	2.41	8.25	30,103.27
2016-17		33,633.48			741.88	34,375.36		14.42	1.22	15.64	34,391.00
2017-18		36,691.72			1,119.55	37,811.27		23.36	1.28	24.64	37,835.91
2018-19		53,372.06			130.49	53,502.55		32.11	1.32	33.43	53,535.98
2019-20		57,118.02		203.73	2,933.89	60,255.64		43.84	1.36	45.19	60,300.83
2020-21		23,256.50	114.78	1,898.36	1,896.38	27,166.02		16.23	1.81	18.04	27,184.06
Total	57,876.14	245,533.82	114.78	2,102.09	8,532.10	314,158.93	5,014.01	319.53	11.37	5,344.91	319,503.84

	Project
PNB Corporate Term Loan	Kameng HPS

Drawal

Tranche	Date	Amount	Interest rate
1st	30-Sep-20	1000000000	7.35%
2nd	9-Nov-20	1000000000	
3rd	16-Nov-20	2000000000	

Particulars	Loan outstanding	Interest Rate (%)	From	To	No.of days	Amount	KaHEP IDC
1st	1,000,000,000	7.35%	30-Sep-20	30-Sep-20	1	201,370	100,685
		7.35%	1-Oct-20	30-Nov-20	61	12,283,562	6,141,781
2nd	1,000,000,000	7.35%	9-Nov-20	30-Nov-20	22	4,430,137	2,215,069
3rd	2,000,000,000	7.35%	16-Nov-20	30-Nov-20	15	6,041,096	3,020,548
	4,000,000,000				**Total**	**22,956,165**	**11,478,083**

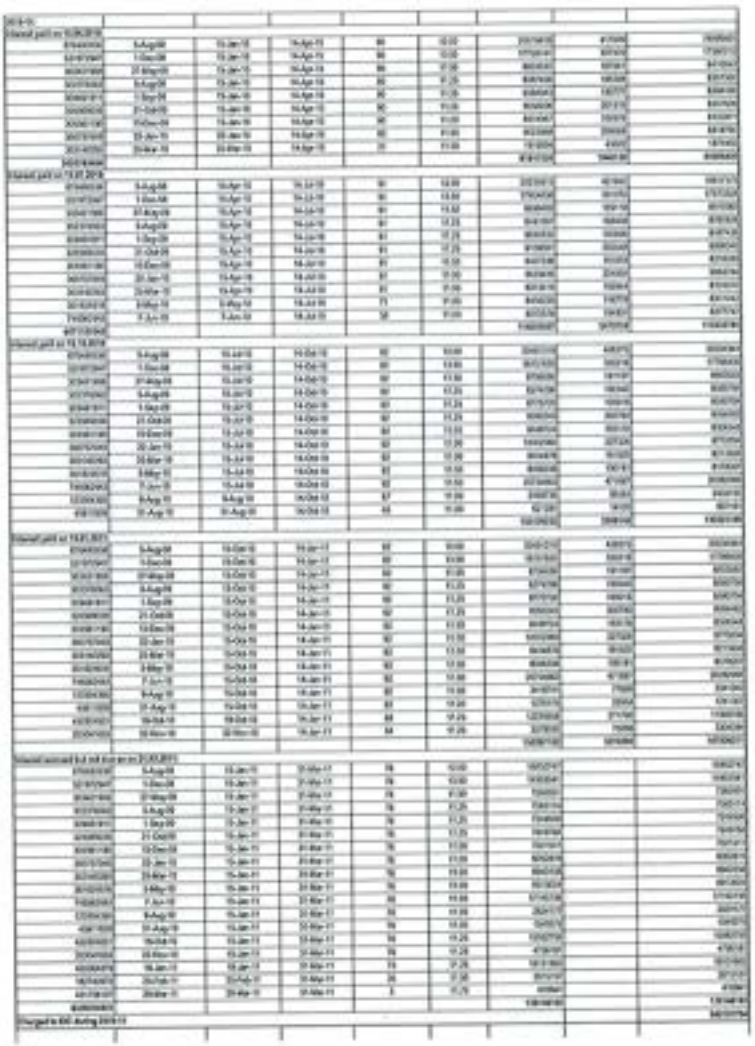
PNB Loan - repayment schedule				Amount	Interest		
First drawal date	9/30/2020	11/30/2020		1,000,000,000	12,484,932		
	11/9/2020	11/30/2020		1,000,000,000	4,430,137		
	11/16/2020	11/30/2020		2,000,000,000	6,041,096	**22,956,165**	**11,478,083**
1	#N/A						
2	#N/A						
3	#N/A						
4	#N/A						
5	#N/A						
6	#N/A						
7	#N/A						
8	#N/A					Repayment	year
9		#N/A	2500.00			5000.00	22-23
10		#N/A	2500.00				
11		#N/A	2500.00			10000.00	23-24
12		#N/A	2500.00				
13		#N/A	2500.00				
14		#N/A	2500.00				
15		#N/A	2500.00			10000.00	24-25
16		#N/A	2500.00				
17		#N/A	2500.00				
18		#N/A	2500.00				
19		#N/A	2500.00			15000.00	25-26
20		#N/A	2500.00				
21		#N/A	5000.00				
22		#N/A	5000.00				
23		#N/A	5000.00			20000.00	26-27
24		#N/A	5000.00				
25		#N/A	5000.00				
26		#N/A	5000.00				
27		#N/A	5000.00			37500.00	27-28
28		#N/A	5000.00				
29		#N/A	13750.00				
30		#N/A	13750.00				
31		#N/A	13750.00			27500.00	28-29
32		#N/A	13750.00				
			125000.00				

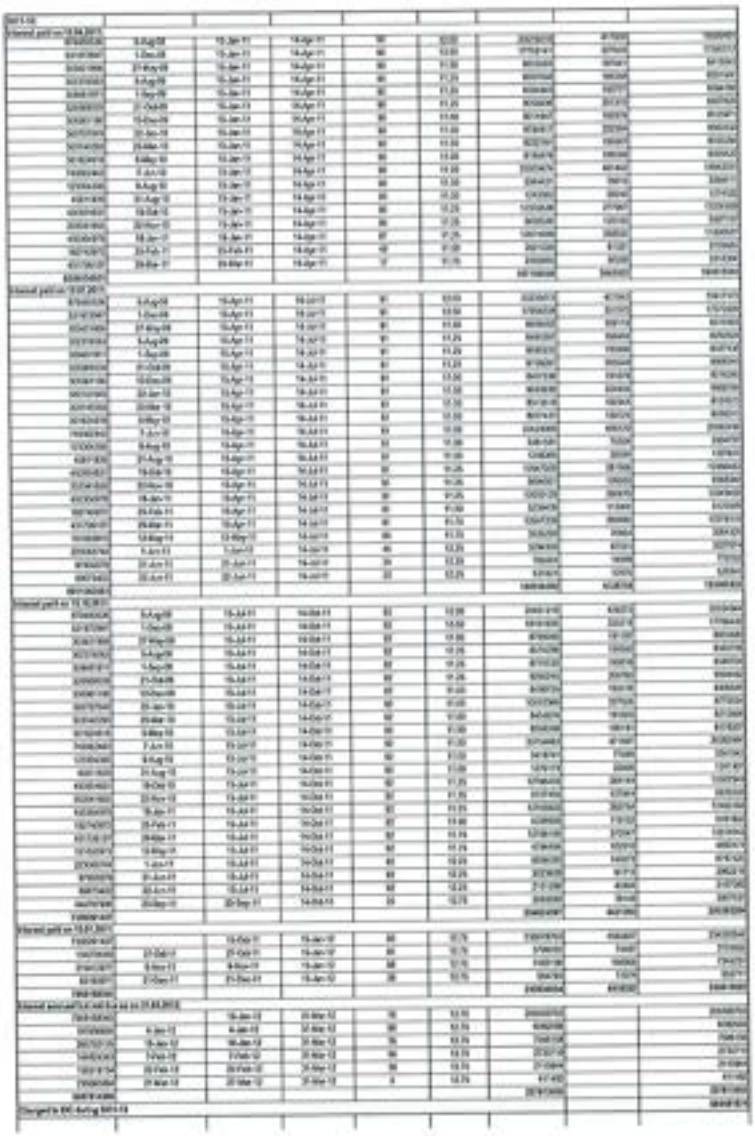


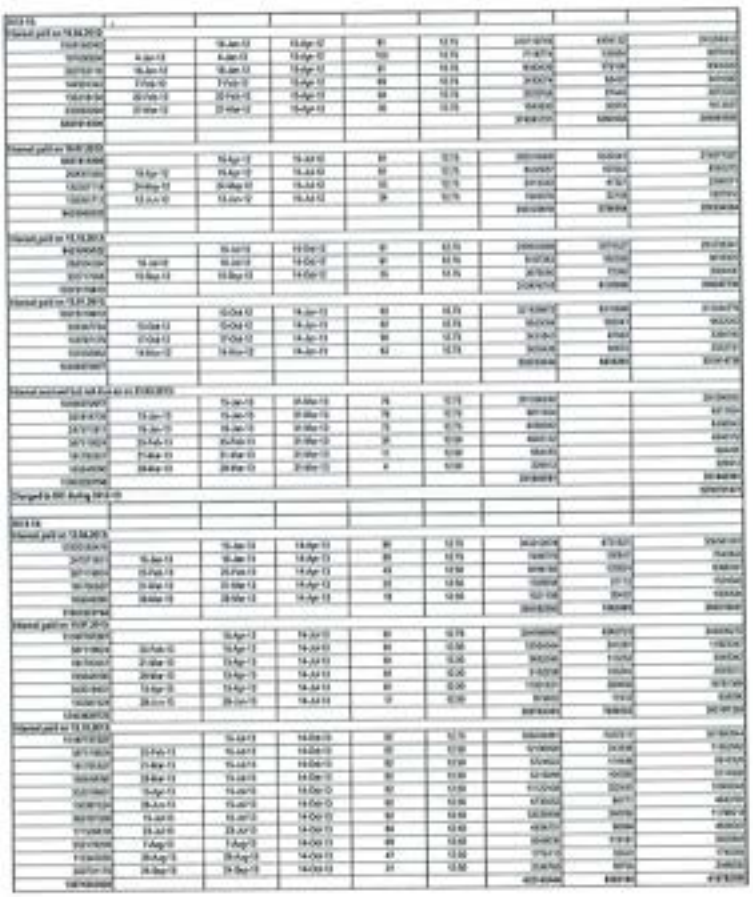
Event	Rs in lakh
2014-15	12281.32
2015-16	12121.32
2016-17	25262.4
2017-18	25284.72
2018-19	30146.76
2019-20	40279.56
2020-21	18727.44
Total	163974.52

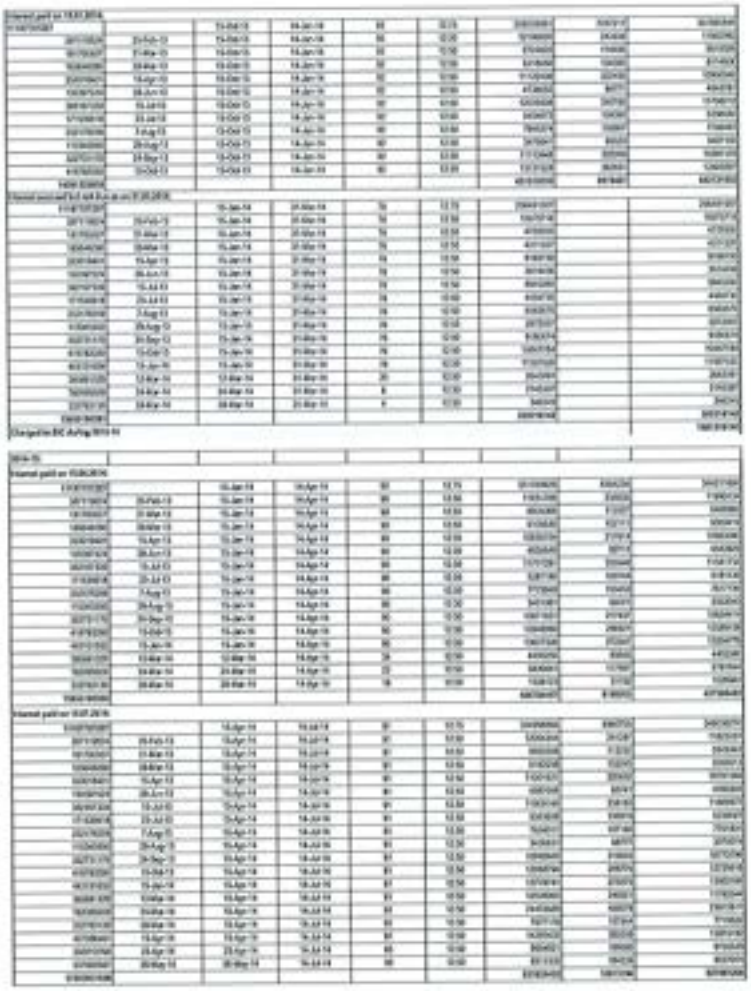
Calculation of IDC on PFC Loan in respect of Kameng Hydro Electric Project
PFC Loan No.

Loan w/o/debiting	Date of drawal	From	To	No of days	Rate of Interest	Interest (gross) Payment	Rebate @0.25%	Net Interest
Interest paid on 15.10.2008								
	5-Aug-08	5-Aug-08	14-Oct-08	71	13.22	57,997.04	999.72	56,997.32
Interest paid on 15.01.2009								
	5-Aug-08	15-Oct-08	14-Jan-09	92	13.22	75,167.19	429.75	74,737.44
	1-Dec-08	1-Dec-08	14-Jan-09	45	13.50	36,754.79	15,000.00	21,754.79
						1,32,121.98	15,999.00	1,16,122.98
Interest accrued as on 31.03.2009								
	5-Aug-08	15-Jan-09	31-Mar-09	75	12.00	1,02,027.41	257.44	1,01,769.97
	1-Dec-08	15-Jan-09	31-Mar-09	75	12.50	1,06,280.21	2,500.00	1,03,780.21
						2,08,308.62	2,757.44	2,05,551.18
Charged to IDC during 2009-10								
Write off								
Interest paid on 15.04.2009								
	5-Aug-08	15-Jan-09	14-Apr-09	90	12.50	1,26,164.12	312.50	1,25,851.62
	1-Dec-08	15-Jan-09	14-Apr-09	90	13.00	1,31,614.41	325.00	1,31,289.41
						2,57,778.53	637.50	2,57,141.03
Interest paid on 15.07.2009								
	5-Aug-08	15-Apr-09	14-Jul-09	91	12.50	1,27,664.21	317.81	1,27,346.40
	1-Dec-08	15-Apr-09	14-Jul-09	91	13.00	1,32,770.78	325.00	1,32,445.78
	31-May-09	31-May-09	14-Jul-09	45	11.50	68,054.79	112.50	67,942.29
						3,28,489.78	755.31	3,27,734.47
Interest paid on 15.10.2009								
	5-Aug-08	15-Jul-09	14-Oct-09	92	12.50	1,29,095.21	429.75	1,28,665.46
	1-Dec-08	15-Jul-09	14-Oct-09	92	13.00	1,34,259.02	325.00	1,33,934.02
	31-May-09	15-Jul-09	14-Oct-09	92	11.50	87,945.90	301.87	87,644.03
	5-Aug-09	5-Aug-09	14-Oct-09	71	11.25	66,012.33	147.94	65,864.39
	1-Sep-09	1-Sep-09	14-Oct-09	44	11.25	40,890.41	90.00	40,800.41
						4,58,202.87	1,294.56	4,56,908.31
Interest paid on 15.01.2010								
	5-Aug-09	15-Oct-09	14-Jan-10	92	12.50	1,31,506.85	429.75	1,31,077.10
	1-Dec-08	15-Oct-09	14-Jan-10	92	13.00	1,36,767.12	325.00	1,36,442.12
	31-May-09	15-Oct-09	14-Jan-10	92	11.50	89,589.04	301.87	89,287.17
	5-Aug-09	15-Oct-09	14-Jan-10	92	11.25	85,479.45	287.50	85,191.95
	1-Sep-09	15-Oct-09	14-Jan-10	92	11.25	85,479.45	287.50	85,191.95
	31-Oct-09	31-Oct-09	14-Jan-10	76	11.25	70,616.44	237.50	70,378.94
	15-Dec-09	15-Dec-09	14-Jan-10	31	11.00	28,030.14	77.50	27,952.64
						5,77,470.49	1,946.62	5,75,523.87
Interest accrued but not due as on 31.03.2010								
	5-Aug-09	15-Jan-10	31-Mar-10	75	11.25	1,73,972.61		1,73,972.61
	1-Dec-08	15-Jan-10	31-Mar-10	75	11.50	1,81,054.11		1,81,054.11
	31-May-09	15-Jan-10	31-Mar-10	75	11.50	1,26,027.40		1,26,027.40
	5-Aug-09	15-Jan-10	31-Mar-10	75	11.25	1,23,287.67		1,23,287.67
	1-Sep-09	15-Jan-10	31-Mar-10	75	11.25	1,19,917.81		1,19,917.81
	31-Oct-09	15-Jan-10	31-Mar-10	75	11.25	1,04,109.59		1,04,109.59
	15-Dec-09	15-Jan-10	31-Mar-10	75	11.00	1,01,712.33		1,01,712.33
	30-Jan-10	30-Jan-10	31-Mar-10	60	11.25	74,520.55		74,520.55
	28-Mar-10	28-Mar-10	31-Mar-10	3	11.25	2,835.62		2,835.62
						14,80,465.67		14,80,465.67
Charged to IDC during 2010-11								14,80,465.67









Interest paid on 01.10.2015								
1918181320		15-Jul-14	30-Sep-14	78	12.75	3611311780		3611311780
2071136520	23-Aug-13	15-Jul-14	30-Sep-14	78	12.80	3626328477		3626328477
1017535431	11-Sep-13	15-Jul-14	30-Sep-14	78	12.80	1813164238		1813164238
1026408180	13-Sep-13	15-Jul-14	30-Sep-14	78	12.80	1808615100		1808615100
1031084471	15-Sep-13	15-Jul-14	30-Sep-14	78	12.80	1807709441		1807709441
1021901204	28-Jun-13	15-Jul-14	30-Sep-14	78	12.80	1811134281		1811134281
2021371000	15-Jul-13	15-Jul-14	30-Sep-14	78	12.80	3621844971		3621844971
1016388100	19-Jul-13	15-Jul-14	30-Sep-14	78	12.80	1808200312		1808200312
2021978300	1-Aug-13	15-Jul-14	30-Sep-14	78	12.80	3618429600		3618429600
1018200000	26-Aug-13	15-Jul-14	30-Sep-14	78	12.80	1809100000		1809100000
2021011100	28-Sep-13	15-Jul-14	30-Sep-14	78	12.80	3618202711		3618202711
1019226000	11-Oct-13	15-Jul-14	30-Sep-14	78	12.80	1811322600		1811322600
1017113000	15-Jan-14	15-Jul-14	30-Sep-14	78	12.80	1809180000		1809180000
2020913200	13-May-14	15-Jul-14	30-Sep-14	78	12.80	3618436000		3618436000
1018000000	21-May-14	15-Jul-14	30-Sep-14	78	12.80	1809180000		1809180000
2020921200	23-May-14	15-Jul-14	30-Sep-14	78	12.80	3618436000		3618436000
1017548487	15-Apr-14	15-Jul-14	30-Sep-14	78	12.80	1809180000		1809180000
2021019788	23-Apr-14	15-Jul-14	30-Sep-14	78	12.80	3618436000		3618436000
1017019867	30-May-14	15-Jul-14	30-Sep-14	78	12.80	1809180000		1809180000
2019419168	15-Jul-14	15-Jul-14	30-Sep-14	78	12.80	3618436000		3618436000
1018181800						1809180000		1809180000
Total Rebate								48219119
Charged to BSC during 01st & 15th Cycle 30.09.2015								32710000.00
Cumulative interest up to 30.09.2015								3,79,12,41,911
Interest charge								
1.Committed fee paid in 1516.00								616,331
2.Prepayment premium @ 1% on days outstanding prior to 5 Jan @ 12.30% in 2014-15								300,768,494
Total Revised charges								301,449,991
Cumulative interest up to 30.09.2015								3,80,14,91,902



Calculation of committed fees:

Quarter	As per drawal schedule	Actual drawn	Quarter ending	Date of Drawal	From	To	No of Days upto the drawal	Commit. Fees @ 0.25%	From	To	No of Days upto 4th ending	Commit. Fees @ 0.25%	Total Payable	Service tax 0.5%+4.5% Cess @ 5.00%	Total including service tax	Diffn
I	1814.00000		30th June													
II	2000.00000	876.00000	30th Sept	1/8/2014	1-Jul-14	4-Aug-14	35	107.34	5-Aug-14	30-Sep-14	57	402.50	509.84	30.59	540.43	
III	1100.00000	524.07947	31st Dec	1/12/2014	1-Oct-14	30-Nov-14	61	196.97	1-Dec-14	31-Dec-14	31	220.66	417.62	25.05	442.68	
IV	1100.00000		31st March													
			Total					479.65				1,134.16	1,613.81	96.83	1,710.64	



NEEPCO
New Delhi
North Eastern Electric Power Corporation

Summary drawal:

Year	Amount in lakh
2008-09	12084.53
2009-10	22123.10
2010-11	29382.41
2011-12	25286.10
2012-13	30146.09
2013-14	40529.56
2014-15	18727.44
Total	**178279.25**

Date wise drawal of PFC loan:

Year	Sl No	Date of drawal	Amount drawn	yearly drawal	Cumulative	Rate of interest(%)
2008-09:						
	1	5-Aug-08	676480536	676480536	676480536	12.00
	2	1-Dec-08	531972947	**1208453483**	1208453483	13.50
Balance as on 31.03.2009					**1208453483**	
2009-10:						
	3	27-May-09	303421956	303421956	1511875439	11.50
	4	5-Aug-09	302378563	605800519	1814254002	11.25
	5	1-Sep-09	309481911	915282430	2123735913	11.25
	6	21-Oct-09	326569039	1241851469	2450304952	11.25
	7	10-Dec-09	306561190	1548412659	2756866142	11.00
	8	22-Jan-10	360757049	1909169708	3117623191	11.00
	9	25-Mar-10	303140293	**2212310001**	3420763484	11.00
Balance as on 31.03.2010					**3420763484**	
	10	5-May-10	301824616	301824616	3722588100	11.00
	11	7-Jun-10	748562443	1050387059	4471150543	11.00
	12	9-Aug-10	123304395	1173691454	4594454938	11.00
	13	31-Aug-10	45811639	1219503093	4640266577	11.00
	14	19-Oct-10	450924631	1670427724	5091191208	11.25
	15	22-Nov-10	203041655	1873469379	5294232863	11.25
	16	18-Jan-11	450304979	2323774358	5744537842	11.25
	17	25-Feb-11	182740972	2506515330	5927278814	11.50
	18	29-Mar-11	431726107	**2938241437**	6359004921	11.75
Balance as on 31.03.2011					**6359004921**	
2011-12:						
	19	12-May-11	161885915	161885915	6520890836	11.75
	20	1-Jun-11	223083744	384969659	6743974580	12.25
	21	21-Jun-11	97935579	482905238	6841910159	12.25
	22	22-Jun-11	69673402	552578640	6911583561	12.25
	23	20-Sep-11	444707936	997286576	7356291497	12.75
	24	27-Oct-11	134278000	1131564576	7490569497	12.75
	25	9-Nov-11	315412877	1446977453	7805982374	12.75
	26	21-Dec-11	62185971	1509163424	7868168345	12.75
	27	**4-Jan-12**	197856654	1707020078	8066024999	12.75
	28	16-Jan-12	285753116	1992773194	8351778115	12.75
	29	7-Feb-12	144924343	2137697537	8496702458	12.75
	30	22-Feb-12	155318154	2293015691	8652020612	12.75
	31	27-Mar-12	235593894	**2528609585**	8887614506	12.75

Balance as on 31.03.2012					**8887614506**	
2012-13						
	32	16-Apr-12	269001685	269001685	9156616191	12.75
	33	24-May-12	130357118	399358803	9286973309	12.75
	34	12-Jun-12	138091713	537450516	9425065022	12.75
	35	16-Jul-12	289334284	826784800	9714399306	12.75
	36	10-Sep-12	300717506	1127502306	10015116812	12.75
	37	15-Oct-12	306347754	1433850060	10321464566	12.75
	38	17-Oct-12	109797179	1543647239	10431261745	12.75
	39	14-Nov-12	157008932	1700656171	10588270677	12.75
	40	15-Jan-13	331914738	2032570909	10920185415	12.75
	41	16-Jan-13	247571811	2280142720	11167757226	12.75
	42	25-Feb-13	387119624	2667262344	11554876850	12.50
	43	21-Mar-13	181700857	2848963201	11736577707	12.50
	44	28-Mar-13	165646090	**3014609291**	11902223797	12.50
Balance as on 31.03.2013					**11902223797**	
2013-14						
	45	15-Apr-13	353018404	353018404	12255242201	12.50
	46	28-Jun-13	150397524	503415928	12405639725	12.50
	47	15-Jul-13	382107339	885523267	12787747064	12.50
	48	23-Jul-13	171539618	1057062885	12959286682	12.50
	49	7-Aug-13	252179259	1309242144	13211465941	12.50
	50	29-Aug-13	110345550	1419587694	13321811491	12.50
	51	24-Sep-13	352731170	1772318864	13674542661	12.50
	52	15-Oct-13	416783277	2189102141	14091325938	12.50
	53	15-Jan-14	442131034	2631233175	14533456972	12.50
	54	12-Mar-14	385891329	3017124504	14919348301	12.50
	55	24-Mar-14	783069859	3800194363	15702418160	12.50
	56	28-Mar-14	252762120	**4052956483**	15955180280	12.50
2014-15:						
	57	15-Apr-14	457586461	457586461	16412766741	12.50
	58	23-Apr-14	350210768	807797229	16762977509	12.50
	59	26-May-14	537939947	1345737176	17300917456	12.50
	60	15-Jul-14	527007206	**1872744382**	**17827924662**	12.50
Total drawal					**17827924662**	

Loan prepaid on October 01,2014

Annexure I

Lending rate of PFC:

W.e.f	Interest Rate	Rebate	Net Interest rate
07/Jul/08	12.00%	0.25%	11.75%
29/Sep/08	13.50%	0.25%	13.25%
12/May/09	11.50%	0.25%	11.25%
31/Jul/09	11.25%	0.25%	11.00%
03/Dec/09	11.00%	0.25%	10.75%
03/Sep/09	11.25%	0.25%	11.00%
25/Feb/11	11.50%	0.25%	11.25%
07/Mar/11	11.75%	0.25%	11.50%
13/May/11	12.25%	0.25%	12.00%
27/Jul/11	12.75%	0.25%	12.50%
01/Feb/13	12.50%	0.25%	12.25%
		Average rate	**11.68%**

Total	

Year	Principal	Rate of Interest	IDC	Finance charge	Total
Total					

Allocation		In rupees	Rs. in lakh

Allocation	Rs. in lakh	Ratio
Total		

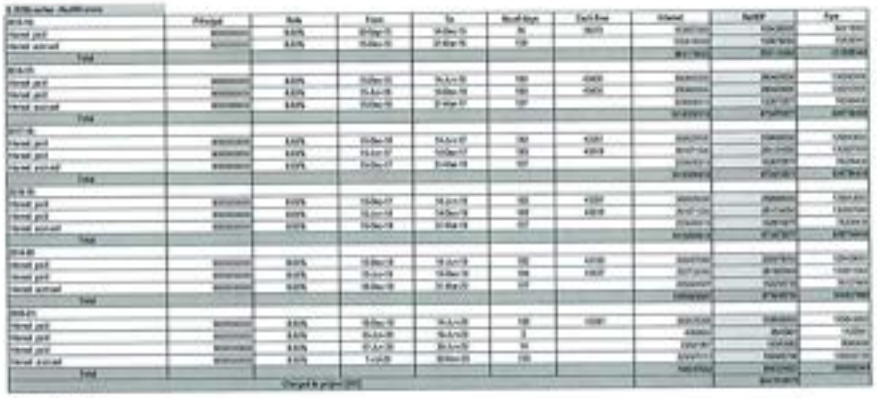
Allocation	Rs. in lakh	Ratio
Total		

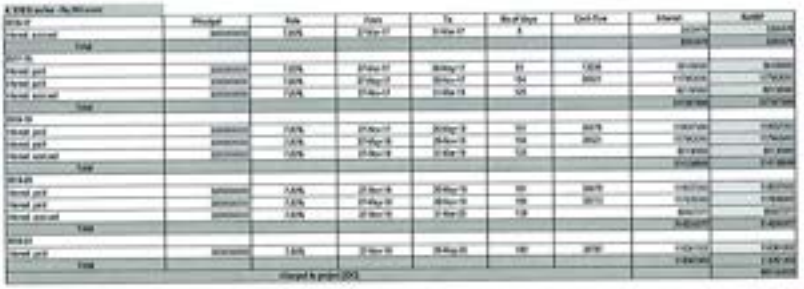
Allocation	Rs. in lakh	Ratio
Total		

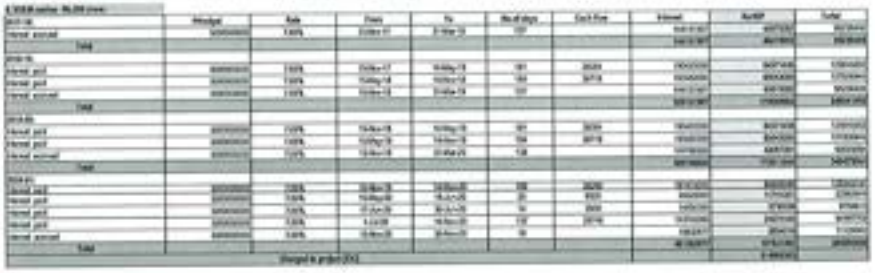
	Principal	Rate	From	To	No of days	Cash flow	Interest	Ex-IDC	Total	Rate PP
Interest on application money										
Interest paid										
Total										
Interest paid										
Interest paid										
Total										
Interest paid										
Interest paid										
Total										
Interest paid										
Interest accrued										
Total										
Interest paid										
Interest paid										
Interest accrued										
Total										
Interest paid										
Interest paid										
Interest paid										
Interest accrued										
Total										
Charged to project (Dr.)										

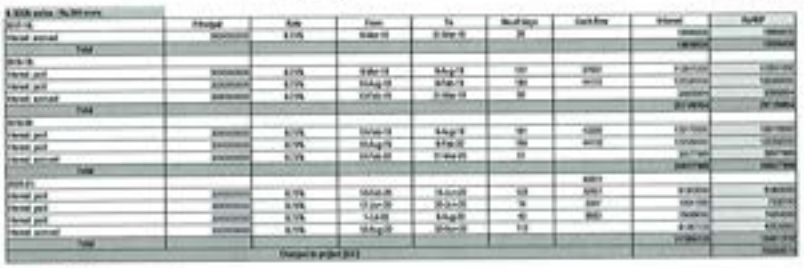
	Principal	Rate	From	To	No of days	Cash flow	Interest	Ex-IDC	Total PP
Interest accrued									
Total									
Interest paid									
Interest paid									
Interest accrued									
Total									
Interest paid									
Interest paid									
Interest accrued									
Total									
Interest paid									
Interest paid									
Interest accrued									
Total									
Interest paid									
Interest paid									
Interest accrued									
Total									
Interest paid									
Interest paid									
Interest accrued									
Total									
Charged to project (Dr.)									

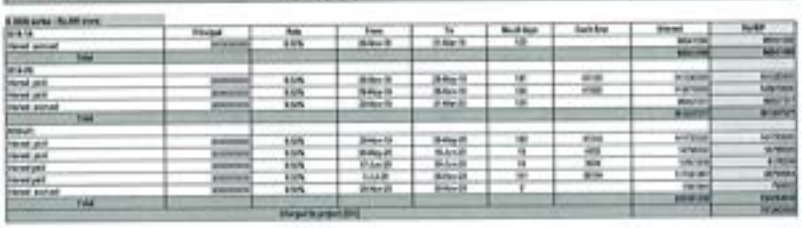
NEEPCO
New Delhi
North Eastern Electric Power Corporation





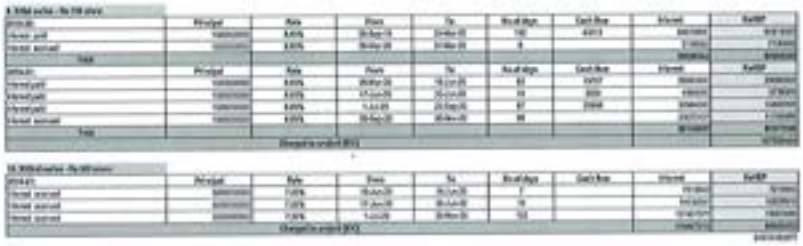














Allocation:

Allocation	Rs. in lakh	Ratio
1. Kameng HEP	22872.40	31.45%
2. Tuirial HEP	1840.00	1.39%
3. Solar PP, Mawarphit	200.00	1.37%
Total	24908.40	100.00%

	Rs. in lakh	Ratio
1. Kameng	34925.83	90.04%
2. TGBPP	3874.17	9.96%
Total	38800.00	100.00%

	Rs. in lakh	Ratio
1. Kameng	30000.00	66.67%
2. TGBPP	15000.00	33.33%
Total	45000.00	100.00%

Interest due half yearly on 15th Dec & 15th June

Allocation	Rs. in lakh	Ratio
1.Kameng	30000.00	66.67%
2.Pare	15000.00	33.33%
Total	45000.00	100.00%

Allocation	Rs. in lakh	Ratio
1.Kameng	30000.00	100.00%

Allocation	Rs. in lakh	Ratio
1.Kameng	19000.00	50.00 %
2.Tuirial	12000.00	63.00%
Total	50000.00	100.00%

Allocation	Rs. in lakh	Ratio
1.Kameng	30000.00	100.00%
Total	30000.00	

Allocation	Rs. in lakh	Ratio
1.Kameng	30000.00	100.00%
Total	30000.00	

Ajanta Finance charges One time

Sl.	PFC BONDS XIV series One time fees	Total	KeHEP	Tuirial	Solar PP
1	Arranger fees @ 0.05%	1400000	1220400	101570	157430
2	Fees for adjudication of Trust Deed including stamp duty	2070000	1803648	150170	232782
3	Initial credit rating fee - CARE	225840	196817	16384	36639
4	Initial credit rating fee - ICRA	471360	410748	34177	47135
5	RTA fees MCS	2809	2510	231	0
6	Corporate action fee for conversion of CCA to debentures	1424	1228	82	72
7	SEBI/CAP initial acceptance fee	14161	12048	1045	1068
8	Land valuation expenses paid to M/s Singhi & Co.	836	675	108	53
9	Corporate action fees NSDL	2247	2247		
10	Professional fees -Singhi & Co.	58000	50484	1370	2016
11	Out of pocket expenses -Singhi & Co.	1763	1658	105	181
12	Out of pocket expenses -SEBI/CAP	2078	1811	1854	270
13	Listing fees BSE- Initial	26750	26750		
	Total after modification	1191965	1161165	121844	199436

Sl.	PFC BONDS XV series One time fees	Total	KeHEP	TGBPP
1	Fees for adjudication of Trust deed including stamp duty Singhi & Co	225000	202864	22136
2	Certification fees Nandi & Associates	5618	5058	560
3	Initial credit rating fee - CARE	127350	115647	11703
4	SEBI/CAP initial acceptance fee	11349	10207	1142
5	Listing fees Bombay Stock Exchange	26750	24054	2696
6	Out of pocket expenses & upfront fees SEBI/CAP Trustee	11448	10272	1176
7	Corporate action fee for conversion of LOA to debentures	1126	1014	112
8	RTA fees MCS	2809	2529	281
	Total (share of TGBPP modified in Rs Cr. of 2015-16)	398761	359881	39748

2015-16

Sl.	PSU BONDS XV tranches One time fees	Total	KotRP	ParaHVP
1	Initial swap setup CBOSL	150000	90000	60000
2	Initial swap setup CARE	220400	132000	88400
3	Initial swap setup ICRA	80400	30400	50000
4	Arrange fees	1200000	840000	360000
5	Corporate action-NSDL	1140	780	360
6	Trusteeship fees-SBICAP Trustee	115000	39840	38520
7	Listing fees-Bombay Stock Exchange	32000	20110	11890
8	Fees for search report -R Pal	7640	5096	2544
9	Fees for adjudication of Trust deed (including stamp duty)-Singhi & Co	2070000	1380000	690000
10	Professional fees-Singhi & Co	150000	120000	30000
11	Out of pocket expn-Singhi & Co	7500	4497	3003
12	Fees for title search report-Singhi & Co	22500	15000	7500
13	RTA fees-MCS	27945	19965	7980
14	Corporate action fee for conversion of LOA to debenture	1140	762	357
15	Corporate action-NSDL	1140	780	360
16	SBICAP Trustee-Out of pocket exp	10000	8000	3404
17	SBICAP Annual Trusteeship fee [w.e.f 30.09.2015 to 31/03/16]	28742	8989	21911
18	fees for charge at RTA	2520	8989	-4520
19	Advertisement charges -SEBI	1260140	937140	423000
	Total (after rectification)	4969620	4833480	2597940
	Prepayment from other wg/demde-02 EEE field (31.12.2015)	4969620	4833480	2597940

B.Annual fees

2014-15

Sl	PSU Bonds 2015h Series	Total	KotRP	Parial	Kolar PP	TSSPP
1	SBICAP Annual Trusteeship fee [w.e.f 11/09/14 to 31/3/15]	45450	45300	2340	900	
	PSU Bonds XVth Series					
	Total	0	0	0	0	0
	Total during 2014-15	45450	45300	2340	900	0
	Total (One time + annual)	5014950	5018005	152907	18000	0

2015-16

Sl	I.PSU Bonds XVth Series	Total	KotRP	Parial	Kolar PP	TSSPP
1	SBICAP Annual Trusteeship fee	84750	57150	9225	900	
2	CARE Surveillance fees [Sept 12,2015 to Sept 11,2016]	102900	69975	5328	1188	
3	ICRA Surveillance fees [From Sept'15 to May'16]	119700	109170	8340	1548	
4	BSE annual listing fees	33750	22950	2550	270	
5	VCA-RTA	2850	2370	240	30	
6	CDSL custodian fees	84420	60630	4758	720	
7	NSDL custodian fees	30720	46410	5340	540	
8	R Pal & Co-Certification aggregating Rs 30 Cr	5850	3250	390	130	
9	R Pal & Co-Certification aggregating Rs 5 Cr	1830	1080	120	30	
10	R Pal & Co-Certification aggregating Rs 10 Cr	3410	4500	450	90	
11	R Pal & Co-Certification aggregating Rs 100 Cr	4680	6300	540	90	
12	Rural-Certification aggregating Rs 2000	3360	3090	210	30	
13	NSDL fees for charge at RTA	2340	3090	210	30	
14	CDSL fees for charge at RTA	2340	3090	210	30	
	I.PSU Bonds XVth Series					
1	SBICAP annual fees	57750	41250			3975
	SBICAP annual fees [w.e.f 25.03.2015 to 31.03.2015]	1050	900			150
2	CDSL annual fees paid on 16.02.2015	11400	13650			1425
3	NSDL annual fees paid on 09.01.2015-2016	12114	10965			1272
4	CARE Surveillance fees	83850	83790			6300
	NSDL corporate action	1134	1014			114
5	Rural-Certification aggregating Rs 2100	1260	900			135
6	R Pal & Co-Certification aggregating Rs 3000.00	1665	1470			150
7	R Pal & Co-Certification aggregating Rs 3100	441	387			45
8	R Pal & Co-Certification aggregating Rs 4200.00	1386	1170			126
9	NSDL fees for charge at RTA	810	720			81
10	CDSL fees for charge at RTA	810	720			81
	Total	178194	164844	0	0	13914

Sl	I.PSU Bonds XVth Series	Total	KotRP	Parial	Kolar PP	TSSPP	ParaHVP
1	SBICAP Annual Trusteeship fee [w.e.f 30.09.2015 to 31/03/16]						
2	CARE Surveillance fees		0				0
3	ICRA Surveillance fees						
4	CDSL Surveillance fees		0				0
5	R Pal & Co-Certification aggregating Rs 4200.00						
6	NSDL fees for charge at RTA						
7	CDSL fees for charge at RTA						
8	NSDL-Corporate action fees	972	861				1836
9	NSDL annual fees paid on 26.01.2015-2016	14580	12771				8097
	Total	15552	13632	0	0	0	7933

Summary-2015-16	Total	KotRP	Parial	Kolar PP	TSSPP	ParaHVP
Total annual charges- 2015-16 bonds	845400	585600	32532	6210	13914	7933
Total of annual + one time fees	5860020	5418405	2185772	6210	13914	7933
Reversal of trustee fees on rectification of provision made in 2014-15	-45450	-45300			-31500	
Net charge to projects	5814570	5373105	2185772	6210	45414	7933

2016-17

	LPSC Bonds XXth Series	Total	Ref/EP	Total	Solar PP	TSRPP	Para
1	BSE annual listing fees	3430	3145	257	257		
2	NSDL annual custody fees (Rs 4250 /-)	5850	4845	1745	960		
3	CDSL annual custody fees (Rs 4250 /-)	5850	4845	1745	960		
4	SEBI/CAP annual trustee fees	8387.5	7937.5	975	975		
5	ICRA Rating surveillance fees	18000	14400	7320	1795		
6	CARE Rating surveillance fees	11,500	9600	1963	1338		
7	Put call notification fees (Only Asset cover 30.06.16	1,438	1315	106	16		
	Total	49917.5	44647	14111	5351	0	0
	LPSC Bonds XXth Series	Total	Ref/EP	Total	Solar PP	TSRPP	Para
1	BSE annual listing fees	3430	3145			285	
2	NSDL annual custody fees (Rs 4250 /-)	5750	5362			1212	
3	CDSL annual custody fees (Rs 4250 /-)	5750	5362			1212	
4	SEBI/CAP annual trustee fees	8387.5	8150			1750	
5	CARE rating surveillance fees	18,000	14400			4000	
6	Put call notification fees (Asset cover ratio	963	913			50	
	Total	42,280	37,332	0	0	10,528	0
	LPSC Bonds XXth Series	Total	Ref/EP	Total	Solar PP	TSRPP	Para
1	BSE annual listing fees	3430	2200				1130
2	NSDL annual custody fees (Rs 4250 /-)	5850	5212				638
3	CDSL annual custody fees (Rs 4250 /-)	5850	5212				638
4	SEBI/CAP annual trustee fees	8387.5	8150				1750
5	CRISIL annual fees	45937	31763				13174
6	ICRA annual rating fee	18875	11318				5557
7	CARE annual rating fee	8000	4800				3200
8	Put call notification fees (Asset cover ratio	630	547				113
	Total	97,959	69,202	0	0	0	27,757
Add:	Amortisation of bond expenses- 2016-17	30000	284,340				15660

2017-18

	LPSC Bonds XXIIth Series	Total	Ref/EP	Total	Solar PP	TSRPP	Para
1	BSE annual listing fees	3430	3100	2145	330		
2	NSDL annual custody fees	4707.5	4207	3010	500		
3	CDSL annual custody fees	4707.5	4207	3010	500		
4	SEBI/CAP annual trustee fees	8387.5	8087.5	6245	300		
5	ICRA Rating surveillance fees	18,000	14700	11760	1800		
6	CARE Rating surveillance fees	10,200	8100	3360	1100		
			0	0	0		
	Total	49,840	42,402	29,551	5,431	0	0
	LPSC Bonds XXIIth Series	Total	Ref/EP	Total	Solar PP	TSRPP	Para
1	BSE annual listing fees	3430	3090			340	
2	NSDL annual custody fees	11410	10260			1150	
3	CDSL annual custody fees	11410	10260			1150	
4	SEBI/CAP annual trustee fees	18,750	12,525			5875	
5	CARE rating surveillance fees	47,200	42500			4700	
			0			0	
	Total	92,054	78,635	0	0	13,354	0
	LPSC Bonds XXIIth Series	Total	Ref/EP	Total	Solar PP	TSRPP	Para
1	BSE annual listing fees	3430	3300				11305
2	NSDL annual custody fees	11410	10833				5705
3	CDSL annual custody fees	11410	10833				5705
4	SEBI/CAP annual trustee fees	37500	38333				19167
5	CRISIL annual fees	89,937	48,000				23,000
6	ICRA annual rating fee	20,000	13,417				67,083
7	CARE annual rating fee	10,000	47,000				23,000
8	Put call notification fees (Asset cover ratio		0				0
	Total	198,840	126,829	0	0	0	362,984
Add:	Amortisation of bond expenses: 2017-18	30,000	18,666				11,334

	LPSC Bonds XXIIth Series	Total	Ref/EP	Total	Solar PP	TSRPP	Para
1	BSE annual listing fees		0				
2	NSDL annual custody fees	5700	5700				
3	CDSL annual custody fees	5700	5700				
4	SEBI/CAP annual trustee fees	18826	18826				
5	ICRA annual rating fee	14375	14375				
6	CARE annual rating fee	47,200	47200				
7	Sing & Co reimbursement-2018	10,750	9818				
8	Singh & Co search report-2018	23,420	20649				
9	Put call fees search report	5,800	5800				
10	Put call notification fee	9,440	9440				
11	SEBI/CAP admin reimbursement-2018	800	824				
12	SEBI/CAP admin reimbursement-2018	118	118				
	Total	181,058	181,094	0	0	0	0
Add:	Amortisation of bond expenses : 2017-18	30,000	18,834				
	PSU Bonds XXIIIth Series	Total	Ref/EP	Total	Solar PP	TSRPP	Para
1	SEBI/CAP trustee fee (15.11.17 to 31.3.18 for 137 days)	25,140	7,534	14,836			
2	Singhi out of pocket expn	7,450	2,529	4,921			
3	Put fees search report	5,800	2,487	3,313			
4	Put call fixation fee	4,720	1,887	3,110			
	Total	43,110	12,437	26,179	0	0	0

2019-20

	3 PSU Bonds 30th Series	Total	Ref/EP	Total	Refer PP	TUEPP	Para
1	BSE annual listing fees						
2	NSDL annual custody fees						
3	CDSL annual custody fees						
4	DBCAP annual trustee fees						
5	ICRA Rating surveillance fees						
6	CARE rating surveillance fees						
7	RTA						
	Total						

	3 PSU Bonds XVth Series	Total	Ref/EP	Total	Refer PP	TUEPP	Para
1	BSE annual listing fees						
2	NSDL annual custody fees						
3	CDSL annual custody fees						
4	DBCAP annual trustee fees						
5	CARE rating surveillance fees						
6	RTA						
	Total						

	3 PSU Bonds XVth Series	Total	Ref/EP	Total	Refer PP	TUEPP	Para
1	BSE annual listing fees						
2	NSDL annual custody fees						
3	CDSL annual custody fees						
4	DBCAP annual trustee fees						
5	CRISIL annual fees						
6	ICRA annual rating fee						
7	CARE annual rating fee						
8	RTA						
	Total						
Add:	Amortisation of bond expenses: 2018-19						

	LPSU Bonds XVIth Series	Total	Ref/EP	Total	Refer PP	TUEPP	Para
1	BSE annual listing fees						
2	NSDL annual custody fees						
3	CDSL annual custody fees						
4	DBCAP annual trustee fees						
5	ICRA annual rating fee						
6	CARE annual rating fee						
7	RTA						
8	NSDL corporate action fee						
	Total						
Add:	Amortisation of bond expenses: 2018-19						

	PSU Bonds XVIIth Series	Total	Ref/EP	Total	Refer PP	TUEPP	Para
1	BSE annual listing fee						
2	NSDL annual custody fees						
3	CDSL annual custody fees						
4	DBCAP annual trustee fees						
5	ICRA annual rating fee						
6	CARE annual rating fee						
7	RTA						
8	NSDL corporate action fee						
	Total						
Add:	Amortisation of bond expenses: 2018-19						

	PSU Bonds XVIth Series	Total	Ref/EP	Total	Refer PP	TUEPP	Para
1	BSE annual listing fee						
2	NSDL annual fees						
3	CDSL annual fees						
4	ICRA rating surveillance fees						
5	CARE annual rating fee						
6	Singh reimbursement						
7	Singh reimbursement						
8	RTA annual fee						
VI	DBCAP Trustee (15/09)						
10	NSDL corporate action fee						
	Total						
Add:	Amortisation of bond expenses: 2019-19						

2019-20

	PSU Bonds XVIth Series-XVII-A	Total	Ref/EP	Total	Refer PP	TUEPP	Para
1	BSE annual listing fee						
2	NSDL annual fees						
3	CDSL annual fees						
4	ICRA rating surveillance fees						
	CARE rating surveillance fees						
5	DBCAP annual trustee fee						
6	Certification fees for quarter ended						
7	RTA annual fee						
8	Certification fees etc.						
	Total						

	PSU Bonds XVth Series-XVII-A	Total	Ref/EP	Total	Refer PP	TUEPP	Para
1	BSE annual listing fee						
2	NSDL annual fees						
3	CDSL annual fees						
4	CARE rating surveillance fees						
5	DBCAP annual trustee fee						
6	Certification fees for quarter ended						
7	RTA annual fee						
8	Certification fees etc.						

	PSU Bonds XVIII-Series-XIII cr	Total	KalREP	Total	Solar PP	132PP	Pare
1	BSE annual listing fee	34,400	23,000				11,400
2	NSDL annual fees	14,146	9,422				4,724
3	CDSL annual fees	14,146	9,422				4,724
4	ICRA rating surveillance fees	206,500	137,667				68,833
5	SEBI/CAP annual trustee fee	59,000	39,333				19,667
6	CRISIL rating surveillance fees	708,000	472,000				236,000
7	CARE rating surveillance fees	75,000	41,000				23,000
8	Certification fees for assets cover	7,000	6,000				2,000
9	RTA annual fee	2,667	2,667				0
10	Certification fees etc.	14,000	14,000				
	Total	1,130,000	755,667	0	0	0	371,833
Add:	Amortization of bond expenses- 2019-20	698,400	219,984	0	0	0	134,434
	PSU Bonds XVIII-Series-XIV cr	Total	KalREP	Turbil	Solar PP	132PP	Pare
1	BSE annual listing fee	30,400	20,400				
2	NSDL annual fees	4,710	4,710				
3	CDSL annual fees	4,710	4,710				
4	ICRA rating surveillance fees	68,000	68,000				
5	SEBI/CAP annual trustee fee	59,000	59,000				
6	NSDL Corporate action fee	3,540	3,540				
7	CARE annual rating fee	47,200	47,200				
8	Certification fees for assets cover	6,000	6,000				
9	RTA annual fee	1,024	1,024				
10	Certification fees etc.	1,000	1,000				
	Total	225,577	224,577	0	0	0	0
Add:	Amortization of bond expenses- 2019-20	187,200	187,200				
	PSU Bonds XVIII-Series-XV cr	Total	KalREP	Turbil	Solar PP	132PP	Pare
1	BSE annual listing fee	30,400	19,900	10,500			
2	NSDL annual fees	7,000	2,000	5,150			
3	CDSL annual fees	7,000	2,000	5,150			
4	ICRA rating surveillance fees	86,400	32,917	82,900			
5	CARE rating surveillance fees		0	0			
6	SEBI/CAP annual trustee fee	59,000	29,000	29,900			
7	Certification fees for assets cover	15,750	6,750	10,000			
8	RTA annual fee	570	570	570			
9	Certification fees etc.	4,231	4,231	0			
	Total	214,451	76,641	143,990	0	0	0
Add:	Amortization of bond expenses- 2019-20	268,797	131,899	194,897			
	PSU Bonds XIX-Series-XVI cr	Total	KalREP	Turbil	Solar PP	132PP	Pare
1	BSE annual listing fee	30,400	19,400				
2	NSDL annual fees	4,714	4,714				
3	CDSL annual fees	4,714	4,714				
4	ICRA rating surveillance fees	68,000	68,000				
5	CARE rating surveillance fees		0				
6	SEBI/CAP annual trustee fee	59,000	59,000				
7	Certification fees for assets cover	9,000	9,000				
8	RTA annual fee	1,024	1,024				
9	Certification fees etc.	7,000	7,000				
	Total	178,000	174,000	0	0	0	0
Add:	Amortization of bond expenses- 2019-20	320,400	250,400				
	PSU Bonds XIX-Series-XVII cr	Total	KalREP	Turbil	Solar PP	132PP	Pare
1	BSE annual listing fee	30,400	20,400				
2	NSDL annual fees	4,710	4,710				
3	CDSL annual fees	4,710	4,710				
4	ICRA rating surveillance fees	72,700	72,700				
5	CARE rating surveillance fees	59,000	59,000				
6	ATSL annual fees	33,100	33,100				
7	Certification fees for assets cover	29,400	29,400				
8	RTA annual fee	570	570				
9	Certification fees etc.	3,700	3,700				
	Total	284,341	284,341	0	0	0	0
Add:	Amortization of bond expenses- 2019-20	384,400	384,400				





	PSU Bonds XXth Series Rs.100 crore	Total	Rs/MT	Total	Rate PP	TDSPP	Para
1	Certification fees for taxable bonds	3,602	3,602				
2	Singhi & Co. (Bond expenses) XXnd	5,900	5,900				
3	NSDL fees	2,360	2,360				
4	SBICAP Trustee fees	25,240	25,240				
5	SBICAP TC	118	118				
6	RTA annual fee	1,200	1,200				
7	Certification fees etc.	7,450	7,450				
	Total	45,877	45,877	0	0	0	0
Add:	Amortisation of bond expenses - 2019-20	14,613	14,613				

2019-21		Total	Rs/MT		Rs/-
	PSU Bonds XXVth Series 2300 cr		51	122	
1	BSE annual listing fee		121,500		
2	NSDL annual fees		32,372		
3	CDSL annual fees		32,372		
4	SBICAP Trustee fees		80,870		
5	ICRA rating surveillance fees			123,000	
6	CARE rating surveillance fees				
	Total	0	315,644	123,000	718,173
	PSU Bonds XVIth Series 600 cr	Total	Rs/MT		
1	BSE annual listing fee		29,564		
2	NSDL annual fees		7,810		
3	CDSL annual fees		7,810		
4	SBICAP Trustee fees		83,139		
5	ICRA rating surveillance fees				
6	CARE rating surveillance fees				
	Total	0	90,830	0	83,203
	PSU Bonds XVIIth Series 800 cr	Total	Rs/MT		
1	BSE annual listing fee		31,750		
2	NSDL annual fees		8,452		
3	CDSL annual fees		8,452		
4	SBICAP Trustee fees		38,500		
5	ICRA rating surveillance fees			114,500	
6	CARE rating surveillance fees				
7	CARE rating surveillance fees			672,000	
	Total	0	599,662	114,500	985,859
	PSU Bonds XVIIth Series 800 cr	Total	Rs/MT		
1	BSE annual listing fee		15,875		
2	NSDL annual fees		4,226		
3	CDSL annual fees		4,226		
4	SBICAP Trustee fees		9,213		
5	Singhi & Co			23,000	
6	SBICAP Trustee		118		
7	ICRA rating surveillance fees				
8	CARE rating surveillance fees				
9	NSDL Corporate action fee		1,475		
10	CDSL Corporate action fee		1,181		
	Total	0	36,311	23,000	73,085
	PSU Bonds XVIIIth Series 800 cr	Total	Rs/MT		
1	BSE annual listing fee		8,871		
2	NSDL annual fees		2,360		
3	CDSL annual fees		2,360		
4	SBICAP Trustee fees		20,297		
5	ICRA rating surveillance fees			25,515	
6	CARE rating surveillance fees			39,515	
	Total	0	83,794	25,015	74,850
	PSU Bonds XIXth Series 600 cr	Total	Rs/MT		
1	BSE annual listing fee		15,875		
2	NSDL annual fees		4,226		
3	CDSL annual fees		4,226		
4	SBICAP Trustee fees		58,500		
5	ICRA rating surveillance fees			47,250	
6	CARE rating surveillance fees			53,150	
	Amortisation			132,867	
	Total	0	178,403	47,250	314,719
	PSU Bonds XXth Series Rs.300 crore	Total	Rs/MT		
1	BSE annual listing fee		15,875		
2	NSDL annual fees		4,226		
3	CDSL annual fees		4,226		
4	SBICAP Trustee fees		58,500		
5	ICRA rating surveillance fees			72,750	
6	CARE rating surveillance fees				
	Total	0	77,423	72,750	511,332
	PSU Bonds XXIIth Series Rs.150 crore	Total	Rs/MT		
1	BSE annual listing fee		7,906		
2	NSDL annual fees		2,113		
3	CDSL annual fees		2,113		
4	SBICAP Trustee fees	47,200	47,200		
5	SBICAP Trustee fees			826	
6	Singhi & Co.			171,428	
7	ICRA rating surveillance fees			36,810	
8	CARE rating surveillance fees				
9	Amortisation			132,762	
	Total	0	98,961	844,811	980,816
	PSU Bonds XXIIIth Series Rs.300 crore	Total	Rs/MT		
1	BSE annual listing fee		26,460		
2	NSDL annual fees		7,343		
3	CDSL annual fees		7,343		
4	R TA			2,941	
5	ICRA rating surveillance fees				
6	CARE rating surveillance fees				
	Total	0	41,241	2,941	46,755
			1,261,186	876,463	1,622,845
			1,261,186		

	NSDL	CDSL	BSE
2,197.37	32,959.56	32,959.56	131,839.00
660.00	7,920.00	7,920.00	26,580.00
990.00	8,452.50	8,452.50	31,740.00
300.00	4,226.50	4,226.50	10,873.50
198.83	2,368.00	2,368.00	8,871.50
300.00	4,226.50	4,226.50	10,873.50
300.00	4,226.50	4,226.50	10,873.50
150.00	2,113.00	2,113.00	7,906.00
600.00	7,043.00	7,043.00	28,430.00
5,147.19	75,907.56	75,907.56	272,537.00
330	165	1980	
330	660	1980	6060
	76407	76887	55597

1-Apr-20	16-Jun-20	77
17-Jun-20	30-Jun-20	14
		91

Summary of TC on bonds (RoNEP Actual enrollment)	VIIIth Series	XVth Series	XVIth Series	XVIIth Series	XVIIIth Series	XIXth Series	XXth Series	XXIst Series	XXIInd Series	Total
As on date (w.e.f. 2006-07 to 2011-12)	224,287									224,287
2012-13		15,952,564	2,330,547							18,183,090
2013-14(Unfolding reversal for Trustee fees of 2012-13)	(22,610)	442,548	134,944	15,000						569,882
2014-15		445,301	146,733	849,845						1,441,879
2015-16		444,078	147,205	982,994	159,977	13,917				2,330,427
2016-17		439,849	146,667	944,941	1,105,350	223,008	369,690			3,271,474
2017-18		417,686	164,324	1,031,000	1,219,971	311,114	422,918	833,796	180,614	4,581,367
2018-19		518,115	66,200	666,816	73,997	74,535	734,716	111,522	552,419	45,702
2019-20										1,631,964
Total	201,677	18,461,239	3,751,693	4,643,696	3,166,819	624,644	815,833	777,964	541,966	46,702

Bullet-wise Finance Charges	as on 31.03.2016	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Total
VIIIth Series	1.01								1.01
XVth Series		158.22	4.43	4.46	4.44	4.29	3.18	3.79	186.81
XVIth Series		20.34	1.34	1.48	1.47	1.48	1.04	0.64	31.32
XVIIth Series			0.19	0.50	0.61	0.80	12.32	3.96	44.42
XVIIIth Series					7.70	11.35	12.19	0.73	31.97
XVIIIth Series					0.14	2.33	2.11	0.75	5.34
XIXth Series						2.97	4.36	1.53	8.75
XXth Series						0.00	6.16	1.11	7.27
XXIst Series							1.91	1.93	3.84
XXIInd Series								0.43	0.43
Total	1.01	181.51	5.95	14.43	23.36	33.13	43.89	14.15	319.62

	Particulars	Total	RoNEP	Turnkey	Pune	TCSPPP	AEEPP-CC	Delhi
2013-14								
1	SBI, processing fees @1, 100 cr	200,000	40,000	35,000	62,500	42,500	30,000	
	Total	200,000	40,000	35,000	62,500	42,500	30,000	-
2014-15								
1	Issuer rating surveillance fee	112,500	112,500					
2	Rating fees -Line of credit (LOC)	65,789	39,121	13,034	13,034			-
	Total	177,289	151,621	13,034	13,034	-	-	-
2015-16								
1	SBI, processing fee Rs 100 cr	100,000	100,000					
2	ICRA issuer rating surveillance fee	114,000	114,000					
3	ICRA Line of credit surveillance fee -SEL	28,500	27,360	2,210	333			-
	Total	242,500	241,360	2,210	333	-	-	-
2016-17								
1	ICRA issuer rating	48,307	48,307					
2	ICRA rating surv-SEL	45,073	11,268	11,268	11,268			
3	SBI, processing fees-@ SEL	100,000	40,000	11,500	25,000			
	Total	193,380	103,574	22,768	36,268	-	-	-
2017-18								
1	ICRA issuer rating	113,000	113,000					
2	ICRA rating surv-SEL	45,250	11,417	11,417	11,416			
	Total	158,250	124,417	11,417	11,416	-	-	-
2018-19								
1	ICRA issuer rating	118,000	118,000					
2	ICRA rating surv-SEL	47,200	11,797	11,797	11,796			
	Total	165,200	129,797	11,797	11,796	-	-	-
2019-20								
1	ICRA issuer rating	118,000	118,000					
2	Certification fees (SEL& NTCL)	17,700	17,700					
	Total	135,700	135,700	-	-	-	-	-
2020-21								
1	ICRA issuer rating	190,833	190,833					
	Total	190,833	190,833	-	-	-	-	-
	Grand Total	1,461,669	1,126,874	89,219	143,019	42,500	30,000	-

SEL & Others	RoNEP	Turnkey	Pune	TCSPPP	AEEPP-CC	Delhi-PP	Total
2013-14	40,000	35,000	62,500	42,500	30,000	-	200,000
2014-15	151,421	13,034	13,034	-	-	-	177,529
2015-16	241,360	2,210	333	-	-	-	243,903
2016-17	125,218	33,554	40,000	-	-	-	198,772
2017-18	124,417	11,417	11,416				147,250
2018-19	131,797	11,797	11,796				155,390
2019-20	135,700	-	-				135,700
2020-21	190,833						190,833

Allocation of Bonds

	KaHEP	PaHEP	TrHEP	TGBPP	Solar PP	Total
XI, XII, XIII				232.5000		232.50
XIV	2,287.3740		184.6260		28.0000	2,500.00
XV	540.2583			59.7417		600.00
XVI	600.0000	300.0000				900.00
XVII	300.0000					300.00
XVIII	169.5502		330.4498			500.00
XIX	300.0000					300.00
XX	300.0000					300.00
XXI	150.0000					150.00
XXII	500.0000					500.00
TOTAL	5,147.1825	300.0000	515.0758	292.3417	28.0000	6,282.50

NSDL Annual Fee									
Amount	GST	Total	KaHEP	PaHEP	TrHEP	TGBPP	Solar PP	Total	
75,000	13,500	88,500	72,507	4,226	7,256	4,117	394	88,500	
1,250	225	1,475	1,475					1,475	
3,750	675	4,425	4,425					4,425	Withdraw
80,000	14,400	94,400	78,407	4,226	7,256	4,117	394	94,400	

RSE Annual Listing Fee 2020-21									
Amount	GST	Total	KaHEP	PaHEP	TrHEP	TGBPP	Solar PP	Total	
281,700	50,706	332,406	272,337	15,873	27,253	15,462	1,481	332,406	
30,000	5,400	40,400	40,400	-	-	-	-	40,400	Withdraw
311,700	56,106	372,806	312,737	15,873	27,253	15,462	1,481	372,806	

CDSL Annual Fee									
Amount	GST	Total	KaHEP	PaHEP	TrHEP	TGBPP	Solar PP	Total	
75,000	13,500	88,500	72,507	4,226	7,256	4,117	394	88,500	
1,000	180	1,180	1,180					1,180	
1,000	180	1,180	1,180					1,180	Withdraw
77,000	13,860	90,860	74,867	4,226	7,256	4,117	394	90,860	

Foreseserve RMC Pvt Ltd.						
Amount	GST	Total	PaHEP	TGBPP	AGTP	Total
48,700	8,775	57,525	28,763	16,895	11,867	57,525
Already remitted in 03/2020		10,717	5,359	3,147	2,211	10,717
Balance to be remitted		46,808	23,404	13,748	9,656	46,808

SBICAP Trustee Co. Ltd.			310123	310128	310118	310115	310145			
Amount	GST	Total	KaHEP	PaHEP	TrHEP	TGBPP	Solar PP	Total	Series	
50,000	9,000	59,000	20,007		38,993			59,000	XVIII	
50,000	9,000	59,000	59,000					59,000	XIX	
50,000	9,000	59,000	39,333	19,667				59,000	XVI	
50,000	9,000	59,000	53,125			5,875		59,000	XV	
40,000	7,200	47,200	47,200					47,200	XXI	
75,000	13,500	88,500	80,973		6,536		991	88,500	XIV	
7,808	1,405	9,213	9,213					9,213	XVII	
100	18	118	118					118	XVII	
35,288	6,352	41,640	41,640					41,640	XXII	
95,000	17,100	112,100	112,100					112,100	XXII	Withdraw
1,000	-	1,000	1,000					1,000		
	TOTAL	535,771	463,709	19,667	45,529	5,875	991	535,771		

Axis Trustee Services Ltd.			310123	310128	310118	310115	310145		
Amount	GST	Total	KaHEP	PaHEP	TrHEP	TGBPP	Solar PP	Total	Series
120,000	21,600	141,600				141,600		141,600	XI
360,000	64,800	424,800				424,800		424,800	XII
217,500	39,150	256,650				256,650		256,650	XIII
45,000	8,100	53,100	53,100					53,100	XX
	TOTAL	876,150	53,100	-	-	823,050	-	876,150	

CARE Ratings Ltd.			310123	310128	310118	310115	310145		
Amount	GST	Total	KaHEP	PaHEP	TrHEP	TGBPP	Solar PP	Total	Series
75,000	13,500	88,500	30,010		58,490			88,500	XVIII
45,000	8,100	53,100	53,100					53,100	XIX
120,000	21,600	141,600	83,110	-	58,490	-	-	141,600	

CRISIL Ltd.			310123	310128	310118	310115	310145			
Amount	GST	Total	KaHEP	PaHEP	TrHEP	TGBPP	Solar PP	Total	Series	
600,000	108,000	708,000	472,000	236,000				708,000	XVI	
400,000	72,000	472,000	472,000					472,000	XXII	Withdraw
1,000,000	180,000	1,180,000	944,000	236,000	-	-	-	1,180,000		

ICRA Ltd.			310123	310128	310118	310115	310145			
Amount	GST	Total	KaHEP	PaHEP	TrHEP	TGBPP	Solar PP	Total	Series	
250,000	45,000	295,000	295,000	-				295,000	XXII	Withdraw

Arranger Fees - XXIInd	Amount raised	Total	
PNB GILTS	12,720,000	127,200	
ICICI Bank	5,000,000	50,000	
AK Capital Services Ltd.	6,700,000	67,000	Withdraw
Darashaw & Co Pvt Ltd	10,000,000	100,000	
Trust Investment Advisors Private Ltd.	5,000,000	50,000	
Total	39,420,000	394,200	

FINANCE CHARGES REMITTED TO PROJECTS DURING Q1 OF 2020-21

Sl.	Particulars	KaHEP	Pare	TrHEP	TGBPP	Solar PP	AGTP-Extn	TOTAL
1	NSDL Annual Fee	78,467	4,226	7,256	4,117	394		94,460
2	BSE Annual Listing Fee	312,737	15,873	27,253	15,462	1,481		372,806
3	CDSL Annual Fee	74,867	4,226	7,256	4,117	394		90,860
4	Forexserve RMC Pvt Ltd.		23,404		13,748		9,656	46,808
5	SBICAP Trustee Co. Ltd.	463,709	19,667	45,529	5,875	991		535,771
6	Axis Trustee Services Ltd.	53,100	-	-	823,050	-		876,150
7	CARE Ratings Ltd.	83,110	-	58,490	-	-		141,600
8	CRISIL Ltd.	944,000	236,000					1,180,000
9	ICRA Ltd.	295,000						295,000
10	Arranger Fee	394,200						394,200
	TOTAL	2,699,139	303,396	145,784	866,369	3,260	9,656	4,027,595
		1,301,945						
		1,337,185						4,027,595

	PSU Bonds XIVth Series-2500 cr	KaHEP	Turial	Solar PP	TGBPP	Pare	Total
1	ICRA rating surveillance fees	125,950	10,157	1,542			137,667
	Total	125,950	10,157	1,542	0	0	137,667
	PSU Bonds XVth Series-600 cr	KaHEP	Turial	Solar PP	TGBPP	Pare	Total
	ICRA rating surveillance fees	114,722				57,361	172,083
	Total	114,722	0	0	0	57,361	172,083
	PSU Bonds XVIIth Series-300 cr	KaHEP	Turial	Solar PP	TGBPP	Pare	Total
	Singhi & Co	22,845					22,845
	Singhi & Co	53,100					53,100
	Total	75,945	0	0	0	0	75,945
	PSU Bonds XVIIIth Series-500 cr	KaHEP	Turial	Solar PP	TGBPP	Pare	Total
1	ICRA rating surveillance fees	26,676	51,991				78,667
	Total	26,676	51,991	0	0	0	78,667
	PSU Bonds XXIXth Series-300 cr	KaHEP	Turial	Solar PP	TGBPP	Pare	Total
1	ICRA rating surveillance fees	47,200					47,200
	Amortisation	135,867					
	Total	183,067	0	0	0	0	47,200
	PSU Bonds XXIst Series	KaHEP	Turial	Solar PP	TGBPP	Pare	Total
1	ICRA rating surveillance fees	73,750					73,750
	Total	73,750	0	0	0	0	73,750
	PSU Bonds XXIst Series	KaHEP	Turial	Solar PP	TGBPP	Pare	Total
1	ICRA rating surveillance fees	34,417					34,417
2	Singhi & Co	8,600					8,600
3	SBICAP	826					826
4	Singhi & Co	162,828					162,828
5	Amortisation	152,763					
	Total	359,434	0	0	0	0	206,671
	PSU Bonds XXIIIrd Series	KaHEP	Turial	Solar PP	TGBPP	Pare	Total
	R.Pal	3,540					3,540
	Total	3,540	0	0	0	0	3,540
		963,892	62,158	1,542	0	57,361	785,523
	ICRA rating fee-Line of Credit, issuer rating	180,933					180,933





XVIth series-(date of allotment-1.10.2014)		
Project	Rs. In lakh	Ratio
KaHEP	229737.40	91.49%
Tuirial	18462.60	7.38%
Solar PP	2800.00	1.12%
Total	250000.00	100.00%

XVIIth series- (date of allotment-27.03.2017.)		
Project	Rs. In lakh	Ratio
KaHEP	30000.00	100.00%
Total	30000.00	100.00%

XVIIth series- (date of allotment-25.03.2015)		
Project	Rs. In lakh	Ratio
KaHEP	54025.83	90.04%
TGBPP	5974.17	9.96%
Total	60000.00	100.00%

XVIIIth series-(date of allotment-15.11.2017.)		
Allocation	Rs. In lakh	Ratio
1.Kameng	16955.02	33.91%
2.Tuirial	33044.98	66.09%
Total	50000.00	100.00%

XVIIth series-(date of allotment-30.09.2015)		
Project	Rs. In lakh	Ratio
KaHEP	60000.00	66.67%
Pare	30000.00	33.33%
Total	90000.00	100.00%

XXIth series-(date of allotment-6.3.2018.)		
Allocation	Rs. In lakh	Ratio
1.Kameng	16955.02	0.00%
Total	1476527528859.30	1525.43%

XXIth series-(date of allotment-28.11.2018.)		
Allocation	Rs. In lakh	Ratio
1.Kameng	16955.02	100.00%
Total	16955.02	100.00%

Details of initial & annual cost of browing:

1. Annual fees/charges (XIV[th] Series of Rs.2500 cr.)	Initial cost of borrowing	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20-30.06.2019	Total
Arranger fees	14045000							14,045,000
Stamp duty etc-for creation of security	2,070,000							2,070,000
Professional fee for adjudication	180,000							180,000
Reimb of out of pocket exps-M/s Singhi & Co	17,420							17,420
Reimb of out of pocket exps-SBICAP	24,789							24,789
Fees for Search report preperation-M/s Singhi & Co	6,861							6,861
NSDL Corporate Action Fee (allotment/credit)	2,247							2,247
NSDL Corporate Action Fee (conversion of LOA)	1,124							1,124
MCS-RTA fees	2,809		2809					5,618
Change of RTA			6783					6,783
Certification fees			18691					18,691
SBICAP Trustee Co. Ltd. - Annual Trusteeship Fee	141,450	45250	84270	85875	88500	88500	88,500	622,347
ICRA - Annual Surveillance Fee	421,350		118700	160308	161000	165200	165,200	1,192,750
CARE - Annual Surveillance Fee	305,844		102600	103500	109200	109200		744,344
BSE - Annual Listing Fee	36,708		33708	34350	34500	35400	35,400	212,066
RTA annual fees						754		754
CDSL custodial fees			64422	50724	47573	42748	39281	244,748
NSDL custodial fees			50724	50724	47573	41491	39281	229,793
Total	17,277,802	45,253	483,697	485,473	485,348	488,291	367,662	19,635,313
Allocation:								
Kameng HEP	15,808,135	41,403	442,549	444,183	444,067	439,442	336,392	17,956,171
Tuirial HEP	1,275,958	3,342	35,720	35,892	35,843	35,470	27,152	1,449,377
Solar PP	193,509	507	5,418	5,438	5,438	5,379	4,118	219,805
Total	17,277,802	45,253	483,687	485,473	485,348	488,291	367,662	19,625,313

2. Annual fees/charges (XV[th] Series of Rs.800 cr.)		2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	Total
Arranger fees	-							-
Stamp duty etc-for creation of security	2,070,000							2,070,000
Professional fee for adjudication	180,000							180,000
Reimb of out of pocket exps-M/s Singhi & Co	7,410							7,410
Reimb of out of pocket exps-SBICAP	11408							11,408
Fees for Search report preperation-M/s Singhi & Co	-							-
NSDL Corporate Action Fee (allotment/credit)	2,247							2,247
NSDL Corporate Action Fee (conversion of LOA)	1,124		1,124					2,247
MCS-RTA fees	2,809							2,809
Change of RTA fees			1624					1,624
Certification fees			4482					4,482
SBICAP Trustee Co. Ltd. - Annual Trusteeship Fee	113,360	1093	57000	57250	59000	59000	59000	405,703
CARE - Annual Surveillance Fee	157,304		45800	46000	47200	47200		343,504
BSE - Annual Listing Fee	36,708			34350	34500	35400	35400	176,358
RTA annual fees						181		181
CDSL custodial fees			15461	12174	11418	10259	8427	58,739
NSDL custodial fees			12174	12174	11418	9958	8427	55,151
Total	2,584,370	1,093	137,665	161,948	163,536	161,998	113,254	3,323,863
Allocation:								
Kameng HEP	2,327,645	984	123,957	145,823	147,353	145,858	101,977	2,992,907
TGBPP	257,325	109	13,708	16,125	16,283	16,139	11,277	330,956
Total	2,584,370	1,093	137,665	161,948	163,636	161,998	113,254	3,323,863

3. Annual fees/charges (XVI[th] Series of Rs.900 cr.)			2015-16	2016-17	2017-18	2018-19	2019-20	Total
Arranger fees	1,026,000							-
Stamp duty etc-for creation of security	2,070,000							-
Professional fee for adjudication	180,000							-
Reimb of out of pocket exps-M/s Singhi & Co	7,000							-
Reimb of out of pocket exps-SBICAP	10453							-
Fees for Search report preperation-M/s Singhi & Co	23500							-
Advertisement exps	1360748							-
NSDL Corporate Action Fee (allotment/credit)	3,260							-
NSDL Corporate Action Fee (conversion of LOA)	1,545							-
MCS-RTA fees	23,540							-
SBICAP Trustee Co. Ltd. - Annual Trusteeship Fee	28,782							-
Fees for change of RTA	2,434							-
R pal certification fee	7,648			518				518
SBICAP Trustee Co. Ltd. - Annual Trusteeship Fee	115,000			57250	57500	59000	59000	232,750
ICRA - Annual Surveillance Fee	456,000			166979	201250	206500	206500	781,229
CARE - Annual Surveillance Fee	239,400			69000	70800	70800		210,600
CRISIL - Annual Surveillance Fee	1,366,000			466822	690000	708000		1,866,822
BSE - Annual Listing Fee	39,200			34350	34500	35400	35400	139,650
NSDL-Corporate action fees			5725					5,725
NSDL annual fees paid on 06.01.2016-2016			18260					18,260
RTA annual fees						271		271
CDSL custodial fees				18260	17126	16389	14161	64,816
NSDL custodial fees				18260	17126	14937	14161	64,484
Total- (initial cost to be amortised over the tenure)	5,960,530	-	23,985	833,439	1,088,502	1,110,297	329,182	3,385,305
Amortisation of bond transaction cost				368,066	353197	373174		1,094,437

Allocation:								
Kameng HEP (transformed to Bond transaction cost)	4,640,353	-	15,990	849,944	960,999	988,081	219,455	3,035,369
Pare HEP	2,320,177	-	7,995	351,593	480,500	494,480	109,727	1,444,305
		-	23,985	1,201,537	1,441,499	1,483,471	329,182	4,479,674
4. Annual fees/charges:(XVII[th] Series of Rs.300 cr.)			2015-16	2016-17	2017-18	2018-19	2019-20	Total
Arranger fees	300,000							-
Stamp duty etc-for creation of security	2,095,000							-
Professional fee for adjudication	180,000							-
NSDL Corporate Action Fee (allotment/credit)	2,360							-
NSDL Corporate Action Fee (conversion of LOA)								-
Fees for search report & out of pocket exps					42170			42,170
Certification fee & out of pocket exps Paid-SBICAP					16264			16,264
SBICAP Trustee Co. Ltd. - Annual Trusteeship Fee	58,590				59808	59000	59000	177,808
ICRA	201,250				14376	59000	59000	132,376
CARE	138,500				47200	47200		94,400
NSDL Corporate action fees						61		61
BSE - Annual Listing Fee	39,500					35400	35400	70,800
RTA annual fees						90		90
CDSL custodial fees					5709	5130	4714	15,553
NSDL custodial fees					5709	4979	4714	15,402
Total- (initial cost to be amortised over the tenure)	3,993,950	-	-	-	191,236	210,980	163,828	564,924
Amortisation of bond transaction cost					570530	916324		1,493,189
5. Annual fees/charges:(XVIII[th] Series of Rs.500 cr.)			2015-16	2016-17	2017-18	2018-19	2019-20	Total
Arranger fees	500,000							-
Stamp duty etc-for creation of security	2,095,000							-
Professional fee for adjudication	212,400							-
NSDL Corporate Action Fee (allotment/credit)	2,360							-
SBICAP Trustee Co. Ltd. - Annual Trusteeship Fee	118,000					59000	59000	118,000
ICRA - Annual Surveillance Fee	590,000					78,667	94,400	173,067
CARE - Annual Surveillance Fee	472,000					110,625		110,625
NSDL corporate action fee						2,360		2,360
SBICAP trustee fee (15.11.17 to 31.3.18 for 137 days)					22,145			22,145
Singhi out of pocket exps					7,450			7,450
R pal fees-search report					5,900			5,900
R pal certification fee					4,720			4,720
BSE - Annual Listing Fee	40,400					35400	35400	70,800
RTA annual fees						151		151
CDSL custodial fees						8549	7856	16,405
NSDL custodial fees						8298	7856	16,154
Total- (to be amortised over the tenure)	4,031,160	-	-	-	40,215	303,950	294,512	647,777
Amortisation of bond transaction cost						366,294		366,294
Allocation:								
Kameng HEP	1,366,668	-	-	-	13,637	225,098	69,350	308,085
Turlel HEP	2,664,492	-	-	-	26,578	438,246	135,162	599,986
Total-(to be amortised over the tenure)	4,031,160	-	-	-	40,215	663,344	204,513	908,071

6. Annual fees/charges:(XIX[th] Series of Rs.300 cr.)-17-18			2015-16	2016-17	2017-18	2018-19	2019-20	Total
Arranger fees	300,000							-
Stamp duty etc-for creation of security	2,095,000							-
Professional fee for adjudication	212,400							-
NSDL Corporate Action Fee (allotment/credit)	2,360							-
SBICAP Trustee Co. Ltd. - Annual Trusteeship Fee	118,000						59,000	59,000
ICRA - Annual Surveillance Fee	221,250							-
CARE - Annual Surveillance Fee	177,000							-
BSE - Annual Listing Fee	40,400					35,400	35,400	70,800
CDSL custodial fees						4979	4714	9,693
NSDL custodial fees						5130	4714	9,844
ICRA rating surveillance fees						47,200	56,640	103,840
CARE annual rating fee						66,375		66,375
Singhi reimbursement						12,180		12,180
Singhi reimbursement						13,600		13,600
RTA annual fee						91		91
R Paul-certificate on utilisation & asset cover ratio						4,720		4,720
SBICAP annual fees (6.3.18 to 31.3.18) & (1.4.18 to 31.3.19)						63,203		63,203
SBICAP Trustee (CERSAI)						118		118
NSDL corporate action fee						2,360		2,360
Total- (to be amortised over the tenure)	3,167,410	-	-	-	-	350,316	160,468	510,784
Amortisation of bond transaction cost						99,266		99,266
Allocation:								
Kameng HEP	3,167,410	-	-	-	-	354,622	160,468	515,090
Total-(to be amortised over the tenure)	3,167,410	-	-	-	-	354,622		515,090

7. Annual fees/charges:(XX[th] Series of Rs.300 cr.)			2015-16	2016-17	2017-18	2018-19	2019-20	Total
Arranger fees	25,000							-
Stamp duty etc-for creation of security	2,095,000							-
Professional fee for adjudication	212,400							-
NSDL Corporate Action Fee (allotment/credit)	2,360							-
NSDL document processing Fee	295							-
CDSL processing fee	1,180							-
Axis Trustee Co. Ltd. - Acceptance fee	118,000						53,100	53,100
ICRA - Annual Surveillance Fee	177,000						73,750	73,750
CARE - Annual Surveillance Fee	159,300							-
BSE - Annual Listing Fee	40,400						35,400	35,400
Karvy Computershare Pvt Ltd	8,850							-
CDSL custodial fees							4714	4,714
NSDL custodial fees							4714	4,714
Axis trustee fees (Nov'18 to Mar,19)						22,125		22,125
Axis trustee fees CERSAI fees						118		118
Singhi & Co-valuation & others						42,200		42,200
R.Paul search report						5,900		5,900
Total- (to be amortised over the tenure)	2,839,785	-	-	-	-	70,343	171,678	242,021
Allocation:								
Kameng HEP	2,839,785	-	-	-	-	70,343	171,678	242,021
Total-(to be amortised over the tenure)	2,839,785	-	-	-	-	70,343	171,678	242,021

Summary of FC on bonds:KeNEP

	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20-30.06.2019		Total
XIVth	158.50	4.43	4.44	4.44	4.39	3.36		179.56
XVth	23.28	1.24	1.46	1.47	1.46	1.02		29.93
XVIth		0.16	8.50	9.61	9.89	2.19		30.35
XVIIth				7.70	11.25	1.63		20.58
XVIIIth				0.14	2.25	0.69		3.08
XIX					3.55	1.60		5.15
XX					0.70	1.72		2.42
Total	181.78	5.83	14.40	23.36	33.50	12.22		271.08
VIIth series (2nd tranche)								1.58
								272.66

	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20		
XIVth	158.53	4.43	4.46	4.44	4.39	3.36		179.61
	-0.03	0.00	-0.01	0.00	0.00			
XVth	23.30	1.24	1.46	1.47	1.46	1.02		29.96
	-0.02	-0.01	0.00	0.00	0.00			
XVIth		0.16	8.50	9.61	9.89	2.19		30.35
		0.00	0.00	0.00	0.00			
XVIIth				7.70	11.25	1.63		20.58
				0.00	0.00			
XVIIIth				0.14	2.25	0.69		3.08
				0.00	0.00			
XIX					3.55	1.60		5.15
					0.00			
XX					0.70	1.72		2.42
	181.83	5.83	14.42	23.36	33.50	12.22		271.16
VIIth series (2nd tranche)								1.58
								272.74

PART-II
FORM- 9A

Year wise Statement of Additional Capitalisation after COD 2025-29

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION
COD 12.02.2021
For Financial Year: 2024-25

Sl. No.	Head of Work/Equipment	ACE Claimed (Actual/Projected)			IDC included in col.3	Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis (Rs in lakh)	Un-discharged Liability included in col.3 (Rs in lakh)	Cash basis				
1	2	3	4	(5=3-4)	6	7	8	9
1	Conversion of CFWF Generator transformer (GT) cooling system to OFAF cooling system at three units (9 GTs)	1088.38	0.00	1088.38	0.00	25(2)(c)	All the generator transformers (GT) of Kameng units are supplied by BHEL with 2X220KW horizontal CFWF coolers. The cooler tubes are made of Cu/Ni material . During lean season, the units are required frequent start/stop as per grid schedule and required adjustment of cooling water pressure, manual air release from each cooler, checking of cooler tube failure etc. which involves high operational risk for efficient operation of GT. In addition to that OEM has recommended in RCA report of GT No. 2038817 that in case of intermediate tripping or forced outage, water cooler should be cleaned, completely drained & dried with blowing air. Thus, these all task involves human interference which may lead to error, critical works resulting delay in restoration of the unit to the national grid. Air tapping in cooler tubes will lead high pressure development as CW is in closed loop which may puncture the cooler tubes which further lead to GT failure due to ingression of water to transformer. Due to failure of GT, it impacts high financial loss in terms of unit generation, PAF etc. The instance of GT failure due to failure of cooler tube was occured on 22.11.2020 at GT Sl. No. 2038817 (Copy of MOM with OEM i.e. BHEL dtd. 08.12.2020 & RCA report No. PES/RCA/70525 Rev.00 dtd. 28.12.2020 copies are attached). So, to nullify such high risk, the air forced cooling system is adopted which does not use water as cooling medium. Thus, the conversion of OFAF provided zero chance of transformer failure due to failure of water cooler tubes resulting enhanced reliability, reduced spare cost as well least time to put the unit to the grid after intermediate tripping, frequent start/stop conditions in lean season. OEM has confirmed the possibility of OFAF cooler vide attached email dtd. 05.12.2022. Order for OFAF cooler was placed to M/s New Bharat Engineering Works, Bhopal through open tender in GeM portal vide contract No. GEMC-511687713676396 dtd. 15.12.2023	
2	Dry air generator system for repairing of transformers & reactors	11.45	0	11.45	0	25(2)(c)	Kameng Power Station having 10 nos. of 1-ph 53MVA, 420/13.8KV generator transformers, 4 nos. of 1-ph 40MVA, 400/132KV ICTs, 1 no. 3-ph, 80MVA, 400KV shunt reactor, 4 nos. 1-ph, 3.15MVA, 132/33KV station service transformers and many transformers at distribution level. As per present trend of transformer & reactor maintenance, dry air with good dew point is used in place of Nitrogen gas which is easily available and economic as well as better dew point value than Nitrogen. The use of dry air is mentioned in the CEA attached "STANDARD SPECIFICATIONS AND TECHNICAL PARAMETERS FOR TRANSFORMERS AND REACTORS (66 kV & ABOVE VOLTAGE CLASS" file No. CEA-PS-14-169/2/2018-PSETD Division, April 2021. Thus the equipment provided quick & efficient way to restore & rectify transformer at site without sending them to the manufacturer for non-critical conditions. It also provided facilities for site dismantling, erection & preservation of transformers which increased the grid reliability and prompt restoration works upto 420KV transformers at site as on date. Order for dry air system was placed to M/s R S Enterprise, Kamrup through open tender in GeM portal vide contract No. GEMC-511687794256173 dtd. 21.06.2024.	
3	LA 3rd harmonic leakage current measurement kit	15.42	0	15.42	0	25(2)(c)	Kameng Power Station having 4 nos. of 400KV unit bays, 2 nos. of 400KV line bays, 1 no. 400/132KV ICT bay & 1 no. of 132KV line bay where respective rating LAs are installed. As per CEA many failure investigation report suggested for period measurement/monitoring of LA 3rd harmonic resistive component of leakage current for monitoring of LA. The CEA report dtd. 16.05.2017 & September 2014 are attached. Thus the equipment was procured for periodic monitoring of the LA to ensure grid safety to provide maximum support to the national grid by identifying the LA condition prior its failure so that cascading outage of grid element can be avoided. Order for 3rd harmonic leakage current measurement kit was placed to M/s SCOPE T AND M Pvt. Ltd., Mumbai through open tender in GeM portal vide contract No. GEMC-511687739494261 dtd. 29.02.2024. COD is 11.05.2024	

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4	Submersible pumps for dewatering in case of disaster/flooding at power station	70.32	0	70.32	0	26(1)(d)	Kameng Power Station is a surface power station operating at a rated head of 504 Mtr. As per CEA attached "Guidelines for Formulation of Detailed Project Reports for Hydro Electric Schemes New Delhi" under "Appendix-4" it is advised to "Measures to be adopted to avert flooding of Power House" that in addition to drainage and dewatering pumps, provision of the suitable numbers of submersible pumps of adequate capacity at MIV floor with provision for automatic starting by level switches required to install. Thus two nos. of 200 cubic meter discharged submersible pumps are procured for installation at the MIV floor equipped with automatic level switches for automatic start/stop starter panels etc at required level for enhance redundancy and with power supply provision from DG sets to cater for flooding at the power station for emergency dewatering. These pumps will enhance dewatering capacity and increase reliability in case of flooding inside the power station. Order for both submersible pumps was placed to M/s Maruti Engineering Company, Guwahati through open tender in GeM portal vide contract No. GEMC-511687736155887 dtd. 16.12.2023.	
5	CT, PT & CVT analyser	58.96	0	58.96	0	26(1)(d)	Kameng Power Station HV switchyard is comprised of 9 nos. 400KV bays & 2 nos. 132KV bays. To ensure the healthiness of instrument transformers installed at in HV switchyard, there is no modern instrument available at the station. The IEGC 2023 provided guidelines for protection system checking and validation where under clause No. 2(d)(VIII) of "Annexure-I", the healthiness of CT/CVT is required to ensure. Due to the non-availability of the testing instrument, the healthiness of the installed instrument transformers can not ensured. So, a requirement of CT/PT/CVT analyser felt necessary for ensuring grid safety by providing proper protection to the grid elements. Order for CT/PT/CVT analyser was placed to M/s Anesthana Agency, New Delhi through open tender in GeM portal vide contract No. GEMC-511687734177206 dtd. 04.09.2024.	
6	HV Switchgyd equipment healthiness testing instrument (Transformer turns ratio meter, contact resistance meter & CT polarity tester)	16.55	0	16.55	0	26(1)(d)	Kameng Power Station HV switchyard is comprised of 9 nos. 400KV bays, 3 nos. 132KV bays, 12 nos., 1-ph 420KV generator transformers, 3 nos., 1-ph 400/132KV ICT, 3 nos. 1-ph 132/33KV power transformers at 400/132 system. To ensure the healthiness of transformers, the transformer turns ratio meter is required which is not available at the power station. The measurement of transformer turns ratio is recommended in the CEA "STANDARD SPECIFICATIONS AND TECHNICAL PARAMETERS FOR TRANSFORMERS AND REACTORS (66 kV & ABOVE VOLTAGE CLASS)" file No. CEA-PS-14-168(2020)-PSETD Division, April 2021 in the CHAPTER-6 : CONDITION MONITORING AND LIFE CYCLE MANAGEMENT under Sl. No. 3.2. Thus the equipment was procured for monitoring of the transformer's healthiness to ensure grid safety to provide maximum support to the national grid by identifying the transformer condition prior so its failure so that cascading outage of grid element can be avoided. The measurement of transformer turn ratio is a must required test for any transformer prior put on service as per relevant transformer standards. Current transformers are installed at various locations in HV switchyard and generators, there is no modern instrument available at the station to check the polarity for proper relay operation. The IEGC 2023 provided guidelines for protection system checking and validation where under clause No. 2(d)(VII) of "Annexure-I", the healthiness of CT is required to ensure. Due to the non-availability of the testing instrument, the healthiness of the installed instrument transformers can not ensured. So, a requirement of CT polarity tester felt necessary for ensuring grid safety by providing proper protection to the grid elements. As per CEA "Report on failure of 132kV Circuit Breaker (CB) at Ranasan substation and 220kV/132kV/11kV, 50 MVA Transformer at Limdi substation of GETCO on 22-07-2008 and 29-06-2008 respectively" under clause No. 4 recommended for static and dynamic contact resistance measurement for circuit breakers which provides valuable information on erosion and misalignment. Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2022 also suggested for static contact resistance measurement tests in circuit breakers as well as isolators. Thus the procurement of CRM will provide facility to ensure healthiness. Order was placed to M/s HBS Radiance, Kamrup through open tender in GeM portal vide contract No. GEMC-511687736950665 dtd. 24.09.2024.	
7	Contruction of Health Centre for Industrial Complex at Kameng Hydro Station, KIMI, Arunachal Pradesh.	110.33	0	110.33		76&77 to relax 24(1)(b)	At present, there is no Hospital Facility in the vicinity of Kameng Power Hydro Station. Construction of Hospital Facility will boost up the infrastructure as well as well being of local residents alongwith the employees of the corporation. The said work was not completed within the cut off date i.e. 31.03.2024 owning to the difficulties in the terrain of Arunachal Pradesh . Waiving to relax the norm of 24(1)(b)	
8	Construction of Permanent Security Barrack, Kitchen & Toilet at Permanent Colony, KaHPS, KIMI	50.16	0	50.16		76&77 to relax 24(1)(b)	In order to protect the hydro power generation establishment which includes administrative building, power station, 240T security establishment is required. Therefore, In order to protect the establishment, permanent security barracks are required alongwith kitchen & toilet.The said work was not completed within the cut off date i.e. 31.03.2024 owning to the difficulties in the terrain of Arunachal Pradesh . Waiving to relax the norm of 24(1)(b)	
9	Contruction of Superstructure of balance 3 (Three) Nos of Steel Girder Bridges.	880.00		880.00		76&77 to relax 24(1)(b)	Considering the remote location of the power station and in order to strengthen the communication facility, so that the material can be reached at shorter interval of time. Construction of superstructure girder bridges is imperative considering the vulnerable nature of the road condition, where landslides occured frequently during the moonsoon season,The said work was not completed within the cut off date i.e. 31.03.2024 owning to the difficulties in the terrain of Arunachal Pradesh . Waiving to relax the norm of 24(1)(b)	
10	5-wire LT Overhead distribution system for Kimi Power House Village	31.43		31.43		76&77 to 26(1)(d)	5 Wire LT overhead required for lighting purpose nearby point area and main gate of plant in order to strengthen the security measures.	
11	Overhead LT 4-wire electrical distribution network for central store area and adjacent buildings at 600MW Kameng HPS,Kimi,West Kameng district.	10.57		10.57		76&77 to 26(1)(d)	4 Wire LT overhead required for lighting purpose nearby store yards of plant in order to strengthen the security measures.	
	TOTAL	2323.56	0.00	2323.56	0.00			

in 26 clause 187.82

Year wise Statement of Additional Capitalisation after COD 2025-29

PART-II
FORM- 9A

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION
COD 12.02.2021
For Financial Year: 2025-26

Sl. No.	Head of Work/Equipment	ACE Claimed (Actual/Projected)			IDC included in col.3	Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis (Rs in lakh)	Un-discharged Liability included in col.3 (Rs in lakh)	Cash basis				
1	2	3	4	(5=3-4)	6	7	8	9
1	2500KVA station auxiliary transformer (SAT)	89.95	0.00	89.95	0.00	25(2)(c)	Kameng Power Station has two nos. of 2500KVA, 33/0.433KV, 3-phase, dry type resign cast (BHEL supplied station service transformers (SAT) to fed power station auxiliary loads. Normally, station service transformer-1 (SAT-1) provides station loads for Units-1 & 2 and SAT-2 provides station loads for Unit-3 & 4. The SATs were charged for the first time on 26.03.2017 (BHEL email dtd. 27.03.2017) but the SAT-1 bearing Sl. No. 2020189 was flashed over and damaged the winding on 21.02.2023. The matter was intimated to OEM i.e. BHEL (Email dtd. 23.02.2023) and sent to BHEL works, Jhansi for repair. BHEL repaired the SAT-1 and was finally returned to service on 28.07.24. In the meantime i.e. one year five months periods, Kameng 600MW was running with a single SAT. If the second SAT appears an issue in these 17 months, the whole 600MW plant has to be forced to shut down due to the non-availability of spare SAT. Considering the very long BHEL repairing time, one SAT as spare is required to avoid an outage of 600MW from the national grid. The proposal for new SAT is already processed through GeM open tender.	
2	33KV indoor CB with relay panels (36KV rating)	209.18	0	209.18	0	25(2)(c)	Kameng power station's power supply is fed at 33KV from the grid. Presently, six nos. of 36KV rating indoor SF6 CB of M/s CGL make, model: 36-SFD-25A is installed to provide the necessary station supply to cater for the auxiliary loads, illumination etc. Due to the frequent trouble of these SF6 CBs, continuous maintenance is required in these breakers. The matter was communicated to the OEM vide the attached email 02.03.2024 to confirm the availability of the model. In reply to our email, OEM has confirmed vide attached email dtd. 18.04.2024 due to upgradation, our breaker model was changed. OEM has provided their new upgraded CB GTP. Due to the upgradation of the existing 36KV CB by OEM as confirmed, the existing model is not available and thus it is no longer possible to maintain these CBs due to shortage of required spares. Thus the only option left is to go for replacement of the CBs along with its relay protection system. This will provide a reliable station power supply from the grid for the operation of the 600MW Kameng power station's auxiliaries as well as colony supply.	
3	Construction of Plunge Pool	2803.43	0	2803.43		26(1)(d)& 26(1)(f)	Construction of Plunge Pool i.e. extension of Training Wall and extension of Apron at D/S of Bichom Dam under Kameng Hydro Power Station Arunachal Pradesh, will effectively manage riverbed scouring, enhance the stability of the dam, and extend its operational life while ensuring the safety of the foundation and surrounding areas.	
	TOTAL	**3102.56**	**0.00**	**3102.56**	**0.00**			

In clause 2803.43

1 In case the project has been completed and cost has already been admitted under any tariff notification(s) in the past, fill column 10 giving the cost as admitted for the purpose of tariff notification already issued by
2 The above information needs to be furnished separately for each year/period of tariff period 2014 -19.
3 In case of de- capitalisation of assets separate details to be furnished at columns 1,2,3 and 4. Further the original book value and year of capitalisation of such asset to be furnished at column 8.Where de-cogs are on
4 Where any asset is rendered unserviceable the same shall be treated as de-capitalised during that year and original value of such asset to be shown at col. 3. And impaired value if any, year of its capitalisation to be
5 Justification against each asset of capitalisation should be specific to regulations under which claim has been made and the necessity of capitalisation of that particular asset.

Note :
1. Fill the form in chronological order year wise along with detailed justification clearly bringing out the necessity and the benefits accruing to the beneficiaries.
2. In case initial spares are purchased along with any equipment, then the cost of such spares should be indicated seperately. e.g. Rotor- 50 Crs. Initial spares -5 Crs.

Reconciliation

As per Form 9 (A)		2323.56
Exclusion as per Form 9D		0.00
Total addition		2323.56

(Petitioner)

PART-II
FORM- 9B

Statement of Additional Capitalisation during fag end of the Project

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION
COD: 12.02.2021

Sr. No.	Year	Work/Equipment added during last five years of useful life of each Unit/Station	Amount capitalised / Proposed to be capitalised (Rs Lakh)	Justification for capitalisation proposed	Impact on life extension
1	2	3	4	5	6
1					
2					
3		Not applicable			
4					
5					
6					
		TOTAL	0.00		

Note :

1. Cost Benefit Analysis for capital additions done should be submitted along with petition for approval of such schemes.
2. Justification for additional capital expenditure claim for each asset should be relevant to regulation under which claim and the necessity of capitalisation of the asset.

(Petitioner)

PART-II
FORM- 9Bi

Details of Assets De-capitalized during the period

Name of the Petitioner: NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION

S. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalized	Year Put to use	Depreciation recovered till date of de-capitalization
(1)	(2)	(3)	(4)	(5)	(6)
1					
2					
3		NIL			
4					
5					
6					
7					
	TOTAL		0.00		0.00

Note: Year wise detail need to be submitted.

(Petitioner)

PART-II, FORM- 9C

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

Name of the Petitioner: NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station COD: KAMENG HYDRO POWER STATION

S. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	2	3	4	5	6	7
1	Closing Gross Block as per IND AS	849845.41	852947.969	852947.97	852947.97	852947.97
2	Add/Less: Adjustments			0.00	0.00	
3	Closing Gross Block as per IGAAP	849845.41	852947.97	852947.97	852947.97	852947.97
4	Opening Gross Block as per IND AS	847521.85	849845.41	852947.97	852947.97	852947.97
5	Add/Less: Adjustments			0.00	0.00	0.00
6	Opening Gross Block as per IGAAP	847521.85	849845.409	852947.97	852947.97	852947.97
7	**Total Additions as per books (G= 3 - 6)**	2323.56	3102.56	0.00	0.00	0.00
8	Less: Additions pertaining to other Stages (give Stage wise breakup)			0.00	0.00	0.00
9	**Net Additions pertaining to instant project/Unit/Stage**	2323.56	3102.56	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 Claimed (on accrual basis)**	2323.56	3102.56	0.00	0.00	0.00
12	**Less: Un-discharged Liabilities**	0.00	0.00	0.00	0.00	0.00
13	**Add: Discharges of un-discharged liabilities, corresponding to admitted assets/works**	0.00	0.00	0.00	0.00	0.00
14	**Net Additional Capital Expenditure Claimed (on cash basis)**	2323.56	3102.56	0.00	0.00	0.00

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

(Petitioner)

RECONCILIATION					
	2024-25	2025-26	2026-27	2027-28	2028-29
Addition as per Form 9A	2,323.56	3102.56	0.00	0.00	0.00
Less:De-capitalized as per Form 9Bi	0.00				
Net addition AS PER Form 9A	2,323.56	3,102.56	-	-	-
Net addition AS PER Form 9C	2323.56	3102.56			

PART-II
FORM- 9D

Statement showing items/assets/works claimed under Exclusions:
Name of the Generating Station COD: KAMENG HYDRO POWER STATION

Sl. No.	Head of Work / Equipment	ACE Claimed under Exclusion				Justification
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3	
(1)	(2)	(3)	(4)	(5=3-4)	(6)	(7)
1						
2						
3						
4		NIL				
5						
6						
7						
8						
9						
10						
	TOTAL	0.00	0.00	0.00	0.00	

Note: 1. Exclusions claimed on assets not allowed in Tariff should be supported by the specific reference of Commission Order date, Petition No., amount disallowed, etc.
2. For inter unit transfer, nature of transfer i.e. temporary or permanent should be mentioned. It is to be certified that exclusion sought in receiving station only and not in sending station or in both the station.

(Petitioner)

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO ELECTRIC PLANT

Statement of Capital cost
(To be given for relevant dates and year wise)

(Amount in Rs. Lakh)

		As on 31-03-2025			As on 31-03-2026			As on 31-03-2027			As on 31-03-2028			As on 31-03-2029		
Sl. No.	Particulars	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening Gross Block Amount as per books	847521.85	(1283.00)	846238.85	848845.47	(1223.50)	848621.91	852947.37	(1223.50)	851724.47	852947.37	(1223.50)	851724.47	852947.37	(1223.50)	851724.47
	b) Amount of capital liabilities in A(a) above	(1283.50)			(1223.50)			(1223.50)			(1223.50)			(1223.50)		
	c) Amount of IDC in A(a) above	(214744.28)			(214744.28)			(214744.28)			(214744.28)			(214744.28)		
	d) Amount of FC in A(a) above															
	e) Amount of FERV in A(a) above															
	f) Amount of Hedging Cost in A(a) above															
	g) Amount of IEDC in A(a) above	(139696.34)			(139696.34)			(139696.34)			(139696.34)			(139696.34)		
B	a) Addition in Gross Block Amount during the period (Direct purchase)	1731.48		1731.48	221.03		221.03	0.00		0.00	0.00		0.00	0.00	0.00	0.00
	b) Amount of capital liabilities in B(a) above							0.00			0.00			0.00		
	c) Amount of IDC in B(a) above							0.00			0.00			0.00		
	d) Amount of FC in B(a) above							0.00			0.00			0.00		
	e) Amount of FERV in B(a) above															
	f) Amount of Hedging Cost in B(a) above															
	g) Amount of IEDC in B(a) above															
C	a) Addition in Gross Block Amount during the period (Transferred from CWIP)	882.10	-	882.10	2,891.51	-	2,891.51	0.00	-	-	0.00	-	-	0.00	-	-
	b) Amount of capital liabilities in C(a) above	-			-											
	c) Amount of IDC in C(a) above	-			-											
	d) Amount of FC in C(a) above															
	e) Amount of FERV in C(a) above															
	f) Amount of Hedging Cost in C(a) above															
	g) Amount of IEDC in C(a) above	0.00			0.00			0			0			0.00		
D	a) Deletion in Gross Block Amount during the period													0.00		0.00
	b) Amount of capital liabilities in D(a) above	(79.30)														
	c) Amount of IDC in D(a) above															
	d) Amount of FC in D(a) above															
	e) Amount of FERV in D(a) above															
	f) Amount of Hedging Cost in D(a) above															
	g) Amount of IEDC in D(a) above															
E	a) Closing Gross Block Amount as per books	849,845.41	(1,223.50)	848,621.91	852,947.37	(1,223.50)	851,724.47	852,947.37	(1,223.50)	851,724.47	852,947.37	(1,223.50)	851,724.47	852,947.37	(1,223.50)	851,724.47
	b) Amount of capital liabilities in E(a) above	(1223.50)			(1223.50)			(1223.50)			(1223.50)			(1223.50)		
	c) Amount of IDC in E(a) above	(214744.28)			(214744.28)			(214744.28)			(214744.28)			(214744.28)		
	d) Amount of FC in E(a) above															
	e) Amount of FERV in E(a) above															
	f) Amount of Hedging Cost in E(a) above															
	g) Amount of IEDC in E(a) above	(139696.34)			(139696.34)			(139696.34)			(139696.34)			(139696.34)		

Note:
1.Relevant details means date of COD of unit/station and financial year start date and end date

(Petitioner)

PART-II
FORM-9F

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION

Statement of Capital Works in Progress
(To be given for relevant dates and year wise)

[Amount in Rs. Lakh]

Sl. No.	Particulars	AS ON 31.03.2025	AS ON 31.03.2026	AS ON 31.03.2027	AS ON 31.03.2028	AS ON 31.03.2029
A	a) Opening CWIP as per books	2293.12	2881.51	0.00	0.00	0.00
	b) Amount of capital liabilities in A(a) above	(336.11)	0.00	0.00	0.00	0.00
	c) Amount of IDC in A(a) above					
	d) Amount of FC in A(a) above					
	e) Amount of FERV in A(a) above					
	f) Amount of Hedging Cost in A(a) above					
	g) Amount of IEDC in A(a) above					
B	a) Addition in CWIP during the period	1,180.49				
	b) Amount of capital liabilities in B(a) above					
	c) Amount of IDC in B(a) above					
	d) Amount of FC in B(a) above					
	e) Amount of FERV in B(a) above					
	f) Amount of Hedging Cost in B(a) above					
	g) Amount of IEDC in B(a) above					
C	a) Transferred to Gross Block Amount during the period	592.10	2881.51			0.00
	b) Amount of capital liabilities in C(a) above	(336.51)	0.00			0.00
	c) Amount of IDC in C(a) above	0.00	0.00			
	d) Amount of FC in C(a) above					
	e) Amount of FERV in C(a) above					
	f) Amount of Hedging Cost in C(a) above					
	g) Amount of IEDC in C(a) above	0.00	0.00			0.00
D	a) Deletion in CWIP during the period					
	b) Amount of capital liabilities in D(a) above					
	c) Amount of IDC in D(a) above					
	d) Amount of FC in D(a) above					
	e) Amount of FERV in D(a) above					
	f) Amount of Hedging Cost in D(a) above					
	g) Amount of IEDC in D(a) above					
E	a) Closing CWIP as per books	2881.51	0.00	0.00	0.00	0.00
	b) Amount of capital liabilities in E(a) above	0.00	0.00	0.00	0.00	0.00
	c) Amount of IDC in E(a) above	0.00	0.00			
	d) Amount of FC in E(a) above					
	e) Amount of FERV in E(a) above					
	f) Amount of Hedging Cost in E(a) above					
	g) 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/station and financial year start date and end date

Petitioner

Year wise SFL thereof: Rs. In Lacs

Year	SFL				Kohli's share
	SBI	PNB	BOB	Canara	
2013-14					
2014-15					
2015-16					
2016-17					
2017-18					
2018-19					
2019-20					
2020-21					
Total					

Summary of Interest & PC on SFL thereof till 31.08.2019 Rs. In lakh

	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Disbursed on SFL									
SBI									
1.5% Rs.150 cr.									
2.5% Rs.300 cr.									
3.5% Rs.50 cr.									
4.25% Rs.150 cr.									
4.5% Rs.300 cr.									
5.5% Rs.150 cr.									
6.5% Rs.200 cr.									
PNB									
1.5% Rs.150 cr.									
PNB									
1.5% Rs.75 cr.									
Canara									
1.5% Rs.500 cr.									
Total									
SFC									

Summary of SDC on SFL for Kameng:

Year	SBI	BOB	PNB	Canara	Total	PC
2013-14						
2014-15						
2015-16						
2016-17						
2017-18						
2018-19						
2019-20				Principal		
2020-21						
Total						

SBI Short Term Loan

Loan A/c No.33491572159

A Drawal of Loan from SBI (Rs.100 cr)

Instalment	Date of drawal	Amount
1st	11-Nov-13	
2nd	19-Nov-13	
3rd	25-Nov-13	
4th	2-Jan-14	
Total		

Repayment Schedule:

1st	13-Feb-14	
2nd	19-May-14	
3rd	13-Aug-14	
4th	18-Nov-14	
Total		

B Drawal of Loan From SBI (Rs.200 cr)

Instalment	Date of drawal	Amount
1st	25-Jul-14	
2nd	25-Jul-14	
3rd	1-Aug-14	
4th	7-Aug-14	
5th	28-Aug-14	
6th	18-Sep-14	
7th	24-Sep-14	
Total		

Repayment Schedule:

1st	26-Oct-14	
2nd	26-Jan-15	
3rd	26-Apr-15	
4th	24-Jul-15	
Total		

C Drawal of Loan From SBI (Rs.50 cr)

Instalment	Date of drawal	Amount
1st	24-Sep-14	
2nd	30-Sep-14	
Total		

Repayment Schedule:

1st	23-Dec-14	
2nd	23-Mar-15	
3rd	23-Jun-15	
4th	23-Sep-15	
Total		

Interest Calculation SBI ST Loan

November, 2013

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
11-Nov-13		10.25%	11-Nov-13	18-Nov-13	7			
19-Nov-13		10.25%	19-Nov-13	24-Nov-13	7			
25-Nov-13		10.25%	25-Nov-13	30-Nov-13	6			
Total					20			

December, 2013

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
1-Dec-13		10.25%	1-Dec-13	20-Dec-13	20			
21-Dec-13		10.25%	21-Dec-13	31-Dec-13	11			
Total					31			

January, 2014

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
1-Jan-14		10.25%	1-Jan-14	6-Jan-14	6			
7-Jan-14		10.25%	7-Jan-14	12-Jan-14	6			
13-Jan-14		10.25%	13-Jan-14	31-Jan-14	19			
Total					31			

February, 2014

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
1-Feb-14		10.25%	1-Feb-14	3-Feb-14	3			
3-Feb-14		10.25%	3-Feb-14	28-Feb-14	26			
Total					28			

March, 2014

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
1-Mar-14		10.25%	1-Mar-14	2-Mar-14	2			
3-Mar-14		10.25%	3-Mar-14	3-Mar-14	1	25000000		
4-Mar-14		10.25%	4-Mar-14	31-Mar-14	28			
Total					31	25000000		
Income recovered by SBI								
Income provision as on 31.03.2014								
Interest charged to projects during 2013-14								

NHPC New Delhi North Eastern Electric Power Corporation

FY2013-14

State Bank of India Rs.100 cr

Projects	A/c Code (Interest)	Apportion	Nov,2013	Dec,2013	Bal of Dec,13	Jan,2014	Feb,2014	Mar,2014	Bank Int. 2013-14 during 2014-15	Charged to project	Reconciled figure
Kameng	10019	30.00									
Pare HEP	10020	21.25									
Tuting HEP	10032	21.25									
Subansiri	10034	15.00									
HQTR-Delhi	10033	13.00									
Total		100.00									

Interest Calculation 2014-15

1.State Bank of India Rs.100 cr

April,2014

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
1-Apr-14		10.35%	1-Apr-14	1-Apr-14	1			
2-Apr-14		10.35%	2-Apr-14	21-Apr-14	20			
22-Apr-14		10.35%	22-Apr-14	30-Apr-14	9			
Total					30			
Excess recovered by SBI								
Actually recovered by SBI								

May,2014

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
1-May-14		10.35%	1-May-14	6-May-14	6			
16-May-14		10.35%	16-May-14	31-May-14	15			
Total					21			
Under recovery by SBI								
Actually recovered by SBI								

June,2014

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
1-Jun-14		10.35%	1-Jun-14	30-Jun-14	30			
Total					30			
Excess recovery by SBI								
Actually recovered by SBI								

July,2014

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
1-Jul-14		10.35%	1-Jul-14	31-Jul-14	31			
Total					31			

August,2014

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
1-Aug-14		10.35%	1-Aug-14	31-Aug-14	31			
Total					31			

September,2014

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
1-Sep-14		10.35%	1-Sep-14	30-Sep-14	30			
Total					30			

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
Oct, 2014		10.35%	1-Oct-14	31-Oct-14	31			
Total					31			

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
Nov, 2014		10.35%	1-Nov-14	9-Nov-14	9			
Total					9			
Excess provision as on 31.10.2014 reversed								
Interest charged to projects During 2013-14								
Loan closed on 10th November,2014								

Projects	A/c Code (Interest)	Apportion	April,2014	May,2014	June,2014	July,2014	Aug,2014	Sept,2014	Oct,2014	Nov 05,2014	Total	Excess provision reversed
APDP												
Pare HEP												
TVHEP												
ASTP-Extn												
TGBPP												
Total												
After repayment												

Note: TGBPP & ASTP's principal fully repaid on 20nd April,2014

Libra Bank of Rs.[illegible] (as at 17th July,2014)

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Karseng
25-Jul-14		10.25%	26-Jul-14	31-Jul-14	7			
Total								

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Karseng
1-Aug-14		10.25%	1-Aug-14	6-Aug-14	6			
7-Aug-14		10.25%	7-Aug-14	27-Aug-14	21			
28-Aug-14		10.25%	28-Aug-14	31-Aug-14	4			
Total					31			

September,2014

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Karseng
1-Sep-14		10.25%	1-Sep-14	17-Sep-14	17			
18-Sep-14		10.25%	18-Sep-14	29-Sep-14	4			
29-Sep-14		10.25%	29-Sep-14	30-Sep-14	1			
Total					30			

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Karseng
Oct, 2014		10.25%	1-Oct-14	23-Oct-14	23			
		10.25%	24-Oct-14	31-Oct-14	8			
Total								

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Karseng
Nov, 2014		10.25%	1-Nov-14	30-Nov-14	30			
Total								

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Karseng
Dec, 2014		10.25%	1-Dec-14	31-Dec-14	31			
Total								

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Karseng
January, 2015		10.25%	1-Jan-15	5-Jan-15	5			
		10.25%	6-Jan-15	31-Jan-15	26			
Total								

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Karseng
February, 2015		10.25%	1-Feb-15	14-Feb-15	1			
		10.25%	17-Feb-15	28-Feb-15	27			
Total								

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Karseng
March, 2015		10.25%	1-Mar-15	3-Mar-15	3			
		10.25%	5-Mar-15	31-Mar-15	27			
Refunded by DM								
Total								
Interest charged to projects during 2014-15								

NEEPCO New Delhi North Eastern Electric Power Corporation

Projects	Alc Code (Interest)	Refn	July,2014	Aug,2014	Sept,2014	Oct,2014	Nov ,2014	Dec,2014	Jan,2015	Feb,2015	Mar,2015 (Accrued)	Total
KHEP	130115	81										
Pare HEP	130121	20										
Tuirial HEP	130123	81										
		130										
Interest refunded on 31.10.2014												

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
26-Sep-14		10.25%	26-Sep-14	30-Sep-14	5			
26-Sep-14		10.25%	26-Sep-14	30-Sep-14	5			
Total								

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
Oct, 2014		10.25%	1-Oct-14	31-Oct-14	31			
Total								

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
Nov, 2014		10.25%	1-Nov-14	30-Nov-14	30			
Total								

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
Dec, 2014		10.25%	1-Dec-14	22-Dec-14	22			
		10.25%	23-Dec-14	31-Dec-14	9			
Total								

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
January, 2015		10.25%	1-Jan-15	5-Jan-15	5			
		10.25%	6-Jan-15	31-Jan-15	26			
Total								

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
February, 2015		10.25%	1-Feb-15	1-Feb-15	1			
		10.25%	2-Feb-15	28-Feb-15	27			
Total								

Date	Amount outstanding	Effective rate	From	To	No of days	Loan Repaid	Interest	Share of Kameng
March, 2015		10.25%	1-Mar-15	14-Mar-15	1			
		10.25%	2-Mar-15	31-Mar-15	30			
Total								
Interest charged to projects during 2014-15								

Projects	Alc Code (Interest)	Refn	Sept,2014	Oct,2014	Nov,2014	Dec,2014	Jan,2015	Feb,2015	Mar,2015 (Accrued)	Total
KHEP	130115	81								
Pare HEP	130121	20								
Tuirial HEP	130123	81								
		130								

NEEPCO
New Delhi
North Eastern Electric Power Corporation

IDB Short Term Loan

Drawal of loan			Repayment Schedule		
Date	Instalment	Amount drawn	Instalment	Date	Amount
27-May-14	1st	10000000	1st	31-Aug-14	10100000
30-May-14	2nd	30000000	2nd	30-Nov-14	10100000
13-Jun-14	3rd	30000000	3rd	28-Feb-15	10100000
27-Jun-14	4th	10000000	4th	31-May-15	10100000
Total		80000000			
27-Jun-14	1st	20000000	1st	31-Oct-14	6200000
9-Jul-14	2nd	6000000	2nd	31-Jan-15	6200000
Total		26000000	3rd	30-Apr-15	6200000
GT total		106000000	4th	31-Jul-15	6200000

prepaid on 1.08.2014

May, 2014

Date	Amount outstanding	Effective rate	From	To	No of days	Interest	Share of Kameng			
								Rs 75 cr sanctioned		Share of Kameng
								Outstng	Interest	
27-May-14	10000000	10.25%	27-May-14	29-May-14	3	8425	8545			
30-May-14	30000000	10.25%	30-May-14	12-Jun-14	14	117950	22321			
13-Jun-14	60000000	10.25%	13-Jun-14	25-Jun-14	13	219167	104434			
Interest paid						345542	335300			
26-Jun-14	90345110	10.25%	26-Jun-14	26-Jun-14	1	10403	10414	30000000	87307	40439
27-Jun-14	70000000	10.25%	27-Jun-14	8-Jul-14	12	212168	101908	30000000	146700	73229
9-Jul-14	70000000	10.25%	9-Jul-14	26-Jul-14	18	329167	227408	30000000	146700	116358
Interest paid						541570	339731		147970	116358
27-Jul-14	70457808	10.25%	27-Jul-14	27-Jul-14	1	21434	12462	31457870	15132	6330
28-Jul-14	70000000	10.25%	28-Jul-14	31-Jul-14	4	85479	56479	31000000	29870	10449
1-Aug-14	40000000	10.25%	1-Aug-14	27-Aug-14	27	436986	316987	31000000	169428	113729
Interest paid						543899	316142		314198	114471
28-Aug-14	9078	10.25%	28-Aug-14	28-Aug-14	1	10418	9974	25078130	7283	4345
29-Aug-14	90000000	10.25%	29-Aug-14	25-Sep-14	28	441644	282258	25000000	186213	173902
Interest paid						452063	314441		203497	137304
26-Sep-14	64782452	10.25%	26-Sep-14	26-Sep-14	1	10418	9535	25078130	7577	4346
27-Sep-14	90000000	10.25%	27-Sep-14	31-Oct-14	35	425000	316849	25000000	203993	137174
Interest paid						435418	326384		211571	135435
28-Oct-14	89134215	10.25%	28-Oct-14	29-Oct-14	4	84114	36304	25078130	28166	9951
30-Oct-14	90000000	10.25%	30-Oct-14	30-Oct-14	1	10780	9411	25000000	7259	4131
31-Oct-14	90000000	10.25%	31-Oct-14	31-Jan-15	32	847013	2062	16700000	116200	66004
Interest paid						427328	348148		151725	86715
Interest charged to projects during 2014-15						2644824	1731099		913961	590340

Projects	Alc Code (Interest)	Apportion	2014-15
Kam SP	130101	66%	2331840
Pare HEP	130106	20%	713040
Total HEP	130151	34%	1731840
Total (Cr.Rs)			Added Int

2331840

PGB Short Term Loan

PGB Loan sanctioned Rs 75.00 crore

Date	Instalment	Amount drawn	Instalment	Date	Amount
31-May-14	1st	10000000	1st	31-Aug-14	10100000
13-Jun-14	2nd	20000000	2nd	30-Nov-14	10100000
16-Jun-14	3rd	30000000	3rd	28-Feb-15	10100000
27-Jun-14	4th	10000000	4th	31-May-15	10100000
9-Jul-14	5th	10000000			
Total		80000000			

May, 2014

Date	Amount outstanding	Effective rate	From	To	No of days	Interest	Share of Kameng
31-May-14	10000000	10.25%	31-May-14	31-Aug-14	3	14041	8547
Total						14041	8547

June, 2014

Date	Amount outstanding	Effective rate	From	To	No of days	Interest	Share of Kameng
1-Jul-14	10000000	10.25%	1-Jun-14	13-Jun-14	12	33699	20140
13-Jun-14	30000000	10.25%	13-Jun-14	17-Jun-14	5	42105	25714
18-Jun-14	90000000	10.25%	18-Jun-14	26-Jun-14	9	126000	75571
27-Jun-14	80000000	10.25%	27-Jun-14	27-Jun-14	1	18224	10921
28-Jun-14	80000000	10.25%	28-Jun-14	28-Jun-14	1	18224	10921
29-Jun-14	80000000	10.25%	29-Jun-14	29-Jun-14	1	18224	10921
30-Jun-14	80000000	10.25%	30-Jun-14	30-Jun-14	1	18224	10921
Total						274900	165232

July, 2014

Date	Amount outstanding	Effective rate	From	To	No of days	Interest	Share of Kanwaj
1-Jul-14	[illegible]	10.25%	1-Jul-14	8-Jul-14	8	[illegible]	[illegible]
9-Jul-14	[illegible]	10.25%	9-Jul-14	31-Jul-14	23	[illegible]	[illegible]
Total						[illegible]	[illegible]

Aug, 2014

Date	Amount outstanding	Effective rate	From	To	No of days	Interest	Share of Kanwaj
1-Aug-14	[illegible]	10.25%	1-Aug-14	31-Aug-14	31	[illegible]	[illegible]
Total						[illegible]	[illegible]

Sept, 2014

Date	Amount outstanding	Effective rate	From	To	No of days	Interest	Share of Kanwaj
1-Sep-14	[illegible]	10.25%	1-Sep-14	30-Sep-14	30	[illegible]	[illegible]
Total						[illegible]	[illegible]

October, 2014

Date	Amount outstanding	Effective rate	From	To	No of days	Interest	Share of Kanwaj
1-Oct-14	[illegible]	10.25%	1-Oct-14	31-Oct-14	31	[illegible]	[illegible]
Total						[illegible]	[illegible]

November, 2014

Date	Amount outstanding	Effective rate	From	To	No of days	Interest	Share of Kanwaj
1-Nov-14	[illegible]	10.25%	1-Nov-14	2-Nov-14	2	[illegible]	[illegible]
	[illegible]	10.25%	3-Nov-14	27-Nov-14	25	[illegible]	[illegible]
Total						[illegible]	[illegible]
Interest charged to projects during 2014-15						[illegible]	[illegible]

PMR

Projects	Wb Code (Interest)	Apportion	2014-15
Kanjiv	[illegible]	80%	[illegible]
Pune HDP	[illegible]	20%	[illegible]
Total HDP	[illegible]	80%	[illegible]
Total			[illegible]

2014-15

Charged to projects 2014-15	RFB	KDH	PMR	Total
Kanjiv	[illegible]	[illegible]	[illegible]	[illegible]
Pune HDP	[illegible]	[illegible]	[illegible]	[illegible]
Total HDP	[illegible]	[illegible]	[illegible]	[illegible]
Kanjiv	[illegible]			[illegible]
Kanjiv	[illegible]			[illegible]
Total	[illegible]	[illegible]	[illegible]	[illegible]

2015-16

1 (April 2015 to July 31, 2015) @11, Rs.200 or from 5th

Month	Outstanding	Interest rate	From	To	No of days	Repayment	Interest	Share of Total	Share of Pare	Share of Kanwaj
April, 2015	[illegible]	10.25%	1-Apr-15	6-Apr-15	6		[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	10.25%	7-Apr-15	25-Apr-15	17		[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	10.25%	26-Apr-15	30-Apr-15	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total							[illegible]	[illegible]	[illegible]	[illegible]

Month	Outstanding	Interest rate	From	To	No of days	Repayment	Interest	Share of Total	Share of Pare	Share of Kanwaj
May, 2015	[illegible]	10.25%	1-May-15	31-May-15	31		[illegible]	[illegible]	[illegible]	[illegible]
Total							[illegible]	[illegible]	[illegible]	[illegible]

Month	Outstanding	Interest rate	From	To	No of days	Repayment	Interest	Share of Total	Share of Pare	Share of Kanwaj
June, 2015	[illegible]	10.25%	1-Jun-15	7-Jun-15	7		[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	9.95%	8-Jun-15	30-Jun-15	23		[illegible]	[illegible]	[illegible]	[illegible]
Total							[illegible]	[illegible]	[illegible]	[illegible]

Month	Outstanding	Interest rate	From	To	No of days	Repayment	Interest	Share of Total	Share of Pare	Share of Kanwaj
July, 2015	[illegible]	9.95%	1-Jul-15	23-Jul-15	23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total							[illegible]	[illegible]	[illegible]	[illegible]
Interest charged to projects during 2015-16							[illegible]	[illegible]	[illegible]	[illegible]
Loan closed on July 24, 2015										

1 April 2015 to July 23, 2015 @11, Rs.50 or from 5th

Month	Outstanding	Interest rate	From	To	No of days	Repayment	Interest	Share of Total	Share of Pare	Share of Kanwaj
April, 2015	[illegible]	10.25%	1-Apr-15	6-Apr-15	6		[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	10.25%	7-Apr-15	30-Apr-15	24		[illegible]	[illegible]	[illegible]	[illegible]
Sub total							[illegible]	[illegible]	[illegible]	[illegible]
Adjustment of Interest							[illegible]	[illegible]	[illegible]	[illegible]
Total (for April)							[illegible]	[illegible]	[illegible]	[illegible]

Month	Outstanding	Interest rate	From	To	No of days	Repayment	Interest	Share of Total	Share of Pare	Share of Kanwaj
May, 2015	[illegible]	10.25%	1-May-15	31-May-15	31		[illegible]	[illegible]	[illegible]	[illegible]
Sub total							[illegible]	[illegible]	[illegible]	[illegible]

Month	Outstanding	Interest rate	From	To	No of days	Repayment	Interest	Share of Total	Share of Pare	Share of Kanwaj
June, 2015	[illegible]	10.25%	1-Jun-15	7-Jun-15	7		[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	9.95%	8-Jun-15	23-Jun-15	15		[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	9.95%	24-Jun-15	30-Jun-15	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total							[illegible]	[illegible]	[illegible]	[illegible]
July, 2015	[illegible]	9.95%	1-Jul-15	31-Jul-15	31		[illegible]	[illegible]	[illegible]	[illegible]
Sub total							[illegible]	[illegible]	[illegible]	[illegible]

New Delhi Eastern Electric Power Co.

Month	Outstanding	Interest rate	From	To	No.of days	Repayment	Interest	Share of Tuivai	Share of Pare	Share of Kameng
August,2015	12650327	9.90%	1-Aug-15	3-Aug-15	3		4233	1269	1269	1695
	12500000	9.90%	4-Aug-15	31-Aug-15	28		39219	11766	11766	15702
Total							43452	13035	13035	17397

Month	Outstanding	Interest rate	From	To	No.of days	Repayment	Interest	Share of Tuivai	Share of Pare	Share of Kameng
September, 2015	12650327	9.90%	1-Sep-15	1-Sep-15	1	12500000	3479	1044	1044	1392
	12500000	9.90%	2-Sep-15	30-Sep-15	30		41918	12576	12576	16767
Total							45397	13619	13619	18159
Interest charged to projects during 2015-16							88849	26654	26654	35556
Loan closed on 23rd Sept, 2015										

Loan NO 9560T4030

Drawal				Repayment			
Instl/Amount	Date	Amount	Cumulative	Instalment	Date	Amount	Cumulative
1st drawal	28-May-15	5000000	5000000	1st	20th Aug'15	5190000	5190000
2nd drawal	13-Jul-15	20000000	25000000	2nd			
3rd drawal	28-Jul-15	80000000	105000000	3rd			
4th drawal	20-Jul-15	20000000	125000000	4th			
5th drawal	18-Aug-15	25000000	150000000				
6th drawal	8-Feb-16	20000000	170000000				

1-May-15 to 31st Mar 2016, 42% Rs.15Cr on from MB								
Date	Amount outstanding	Effective rate	From	To	No.of days	Repayment	Interest	Share of Kameng
May,2015	10000000	9.90%	30-May-15	31-May-15	2		5479	5479
Total							5479	5479

Date	Amount outstanding	Effective rate	From	To	No.of days	Repayment	Interest	Share of Kameng
June,2015	10000000	9.90%	1-Jun-15	7-Jun-15	7		19178	19178
	10000000	9.90%	8-Jun-15	30-Jun-15	23		63014	63014
Total							82192	82192

Date	Amount outstanding	Effective rate	From	To	No.of days	Repayment	Interest	Share of Kameng
July,2015	10000000	9.75%	1-Jul-15	10-Jul-15	10		27397	27397
	25000000	9.75%	11-Jul-15	25-Jul-15	15		102740	102740
	105000000	9.75%	26-Jul-15	30-Jul-15	5		143836	143836
	125000000	9.75%	31-Jul-15	31-Jul-15	1		34247	34247
Total					31		308219	308219

Date	Amount outstanding	Effective rate	From	To	No.of days	Repayment	Interest	Share of Kameng
August,2015	150000000	9.75%	1-Aug-15	17-Aug-15	17		435616	435616
	125000000	9.75%	18-Aug-15	25-Aug-15	8	25000000	273425	273425
	100000000	9.75%	26-Aug-15	31-Aug-15	6		164384	164384
Total					31		873425	873425

Date	Amount outstanding	Effective rate	From	To	No.of days	Repayment	Interest	Share of Kameng
Sept,2015	100000000	9.75%	1-Sep-15	17-Sep-15	17		463014	463014
	75000000	9.75%	18-Sep-15	30-Sep-15	13		274315	274315
Total					30		737329	737329

Date	Amount outstanding	Effective rate	From	To	No.of days	Repayment	Interest	Share of Kameng
October,2015	75000000	9.75%	1-Oct-15	4-Oct-15	4		80219	80219
	50000000	9.75%	5-Oct-15	31-Oct-15	27		536301	536301
Total					31		716479	716479

Date	Amount outstanding	Effective rate	From	To	No.of days	Repayment	Interest	Share of Kameng
November, 2015	Paid in	9.75%	1-Nov-15	1-Nov-15	1		1918	1918
	50000000	9.75%	1-Nov-15	4-Nov-15	4	30000000	38356	38356
	20000000	9.75%	5-Nov-15	30-Nov-15	26		166849	166849
Total					31		211123	211123

Date	Amount outstanding	Effective rate	From	To	No.of days	Repayment	Interest	Share of Kameng
Dec' 2015	20000000	9.75%	1-Dec-15	31-Dec-15	31		164384	164384
	Excess deducted as security, Now to be reversed by SBI						7941	7941
Total							156443	156443

Date	Amount outstanding	Effective rate	From	To	No.of days	Repayment	Interest	Share of Kameng
Jan' 2016	20000	9.30%	1-Jan-16	1-Jan-16	1		5	5
	20000000	9.30%	2-Jan-16	31-Jan-16	31		157808	157808
	Excess deducted as security, Now to be reversed by SBI						240674	240674
Total							398487	398487

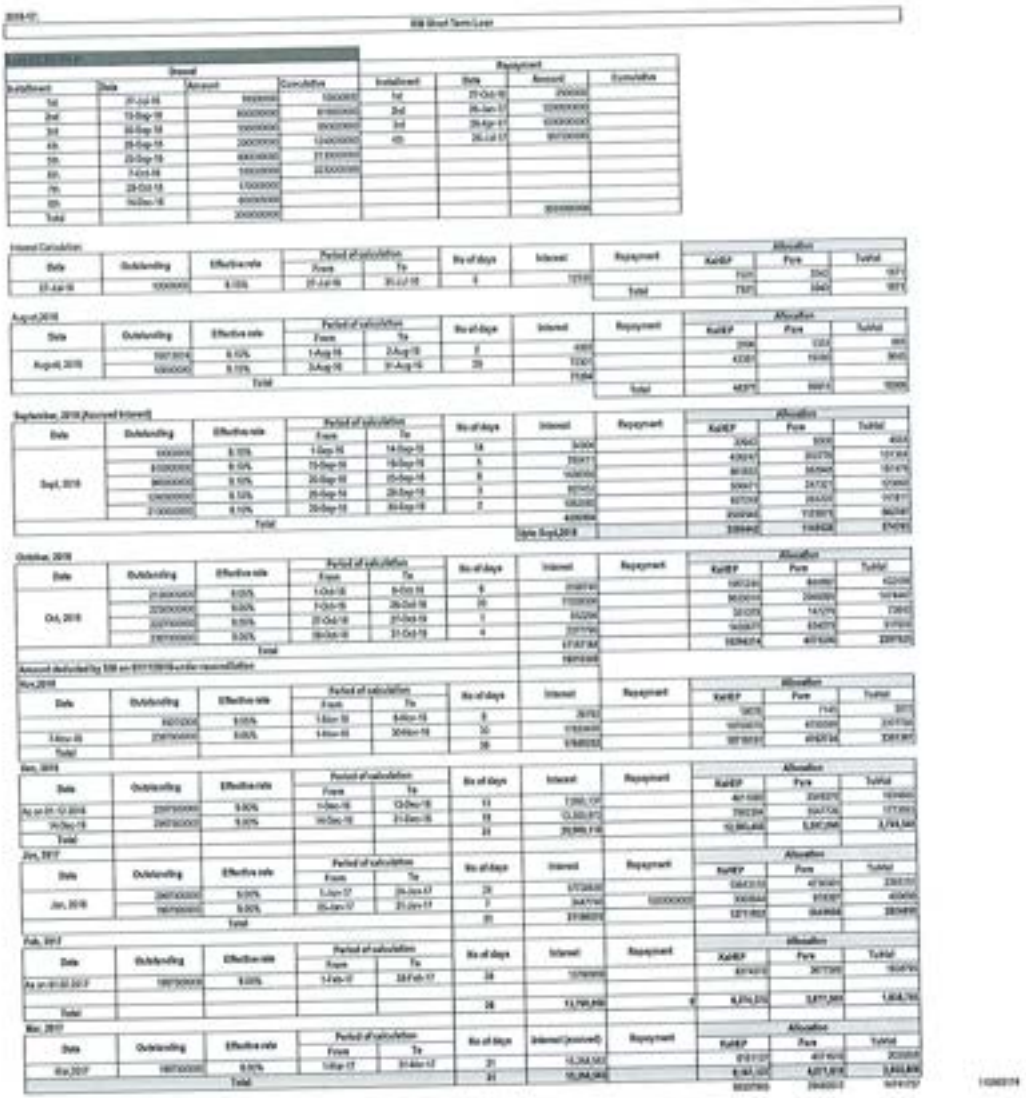
Date	Amount outstanding	Effective rate	From	To	No.of days	Repayment	Interest	Share of Kameng
Feb' 2016	40000	9.30%	1-Feb-16	1-Feb-16	1		11	11
	20000000	9.30%	1-Feb-16	7-Feb-16	7		44055	44055
	20000000	9.30%	8-Feb-16			20000000	0	0
	Excess deducted as security, Now to be reversed by SBI						54000	54000
Total							98066	98066

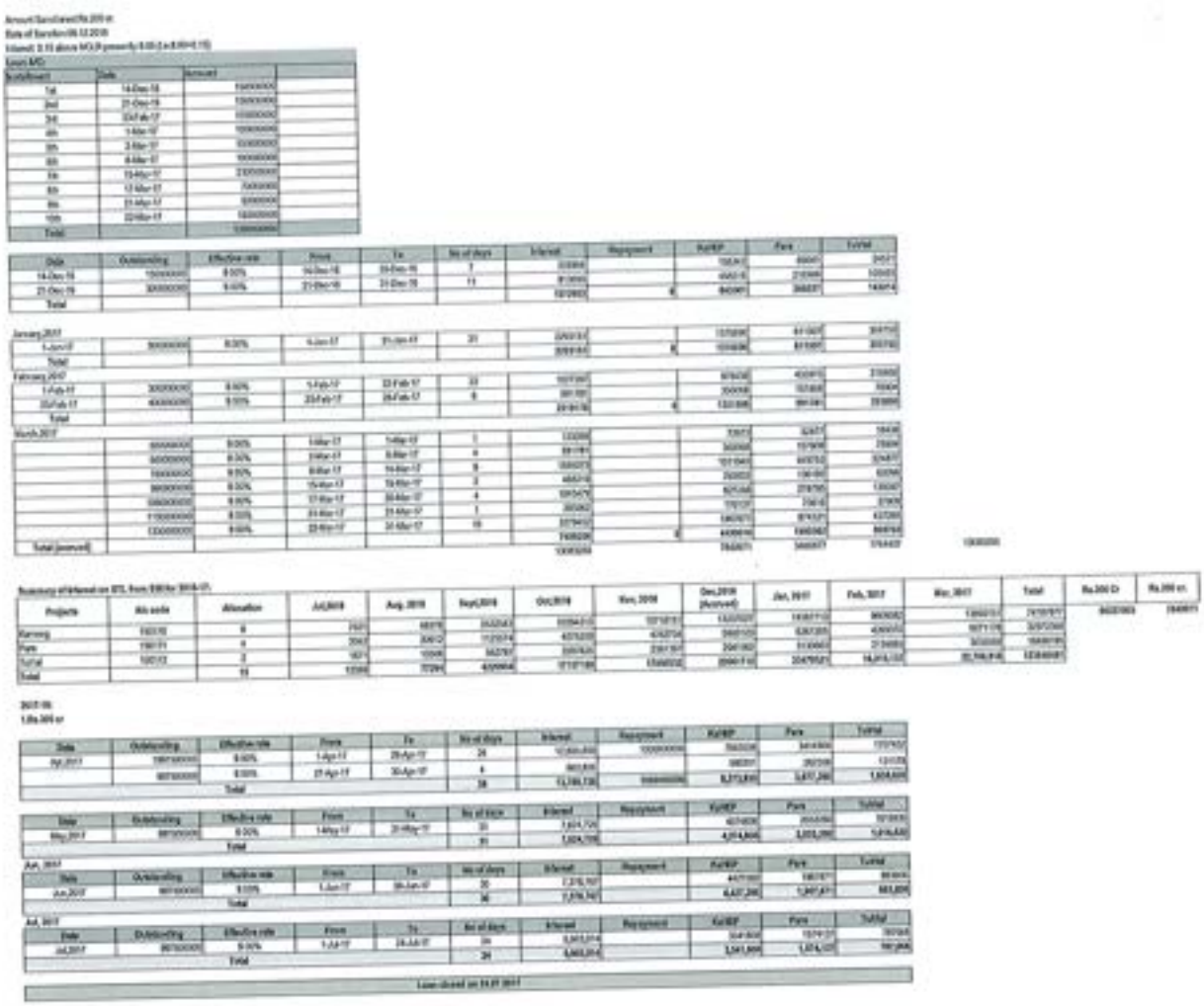
Interest/overdraft charged to projects during 2015-16				2660818	2660818
Current refunded by SBI & charged to projects during 2015-16				207662	207662
Net interest charged to projects during 2015-16				2453156	2453156

Total (1+2+3)	8210795

Charged to project	SBI	Rs.3.00 cr	Rs.50 cr	Rs.150 cr
2015-16	8210795	1108194	5234000	3868601
Kahilipara	3068275			
Pare HEP	3068275			
Total HEP	6136550			
Total	14347345			

NEEPCO
North Eastern Electric Power Corporation
New Delhi





Date	Outstanding	Effective rate	From	To	No of days	Interest	Repayment	Roi/EP	Pere	Total
Apl, 2017										
Total										

Date	Outstanding	Effective rate	From	To	No of days	Interest	Repayment	Roi/EP	Pere	Total
May, 2017										
Total										

Date	Outstanding	Effective rate	From	To	No of days	Interest	Repayment	Roi/EP	Pere	Total
Jun, 2017										
Total										
Loan closed										

Date	Outstanding	Effective rate	From	To	No of days	Interest	Repayment	Roi/EP	Pere	Total
Total										

Apl,2018										
May,2018										
Jun, 2018										

Summary:

		Roi/EP	Pere	Total
2017-18				
Total				
2018-19				

Interest during 2018-19	3,317,808
Interest during 2019-20	293,389,013
Interest during 2020-21	189,638,378
TOTAL	486,345,199

		Drawal	Repaid
1st tranche	1,000,000,000	18-Mar-19	16-Mar-20
2nd tranche	1,000,000,000	30-Apr-19	16-Nov-20
3rd tranche	1,000,000,000	9-Jul-19	9-Nov-20
4th tranche	1,000,000,000	30-Sep-19	31-Aug-20
5th tranche	1,000,000,000	23-Dec-19	16-Nov-20

Unit I	1-Apr-2020	17-Jun-2020	78
Unit II	18-Jan-2020	1-Jul-2020	14

Accrued as on 31.03.2019	Due date	Loan outstanding	Interest Rate (%)	From	To	No.of days	Amount
1st Tranche of STL	4/18/2019	1000000000	8.65%	18-Mar-2019	31-Mar-2019	14	3317808

	Principal	Rate	From	To	No.of days	days in a year	Interest
Accrued as on 31.03.2020							
2nd tranche	1000000000	8.65%	31-Mar-20	31-Mar-20	1	365	236,986
3rd tranche	1000000000	8.65%	9-Mar-20	31-Mar-20	23	365	5,450,685
4th tranche	1000000000	8.65%	31-Mar-20	31-Mar-20	1	365	236,986
5th tranche	1000000000	8.65%	23-Mar-20	31-Mar-20	9	365	2,132,877
							8,057,534

Interest paid during 2019-20

Particulars	Due date	Loan outstanding	Interest Rate (%)	From	To	No.of days	Amount	Interest recovered by Bank	Revenue	IDC
1st Tranche of STL drawn on 18.3.19		1000000000								
1st instl. of Int paid on 18.04	4/18/2019	1000000000	8.65%	18-Mar-2019	17-Apr-2019	31	7,346,575	7,346,575		
2nd instl of Int paid on 17.0	5/18/2019	1000000000	8.65%	18-Apr-2019	13-May-2019	30	7,109,589	7,110,368		
3rd instl. of Int paid on 18.0	6/18/2019	1000000000	8.65%	18-May-2019	17-Jun-2019	31	7,346,575	7,349,945		
4th instl. of Int paid on 18.0	7/18/2019	1000000000	8.65%	18-Jun-2019	17-Jul-2019	30	7,109,589	7,109,589		
5th instl of Int paid on 19.08	8/18/2019	1000000000	8.65%	18-Jul-2019	17-Aug-2019	31	7,346,575	7,346,914		
6th instl of Int paid on 18.09	9/18/2019	1000000000	8.65%	18-Aug-2019	17-Sep-2019	31	7,346,575	7,348,042		
7th instl of Int paid on 18.10	10/18/2019	1000000000	8.65%	18-Sep-2019	17-Oct-2019	30	7,109,589	7,109,589		
8th instl of Int paid on 18.11	11/18/2019	1000000000	8.65%	18-Oct-2019	17-Nov-2019	31	7,346,575	7,346,575		
9th instl of Int paid on 19.12	12/18/2019	1000000000	8.65%	18-Nov-2019	17-Dec-2019	30	7,109,589	7,109,589		
10th instl of Int paid on 19.0	1/18/2020	1000000000	8.65%	18-Dec-2019	17-Jan-2020	31	7,346,575	7,346,575		
11th instl of Int paid on 18.0	2/18/2020	1000000000	8.65%	18-Jan-2020	17-Feb-2020	31	7,346,575	7,346,601		
12th instl of Int paid on 16.0	3/18/2020	1000000000	8.65%	18-Feb-2020	15-Mar-2020	27	6,398,630	6,398,788		
						Sub Total	86,263,011	86,269,150	-	86,263,011
2nd Tranche of STL drawn on 30.4.19		1000000000								
1st instl. of Int paid on 31.05	5/30/2019	1000000000	8.65%	30-Apr-2019	30-May-2019	31	7,346,575	7,346,575		
2nd instl of Int paid on 30.0	6/30/2019	1000000000	8.65%	31-May-2019	29-Jun-2019	30	7,109,589	7,109,589		
3rd instl of Int paid on 31.0	7/30/2009	1000000000	8.65%	30-Jun-2019	30-Jul-2019	31	7,346,575	7,346,575		
4th instl of Int paid on 01.09	8/30/2019	1000000000	8.65%	31-Jul-2019	30-Aug-2019	31	7,346,575	7,346,575		
5th instl of Int paid on 30.09	9/30/2019	1000000000	8.65%	31-Aug-2019	29-Sep-2019	30	7,109,589	7,109,589		
6th instl of Int paid on 31.10	10/30/2019	1000000000	8.65%	30-Sep-2019	30-Oct-2019	31	7,346,575	7,346,575		
7th instl of Int paid on 30.11	11/30/2019	1000000000	8.65%	31-Oct-2019	29-Nov-2019	30	7,109,589	7,109,589		
8th instl of Int paid on 31.12	12/30/2019	1000000000	8.65%	30-Nov-2019	30-Dec-2019	31	7,346,575	7,346,575		
9th instl of Int paid on 31.01	1/30/2020	1000000000	8.65%	31-Dec-2019	30-Jan-2020	31	7,346,575	7,346,575		
10th instl of Int paid on 29.0	2/29/2020	1000000000	8.65%	31-Jan-2020	28-Feb-2020	29	6,872,603	6,872,603		
11th instl of Int paid on 31.0	3/30/2020	1000000000	8.65%	29-Feb-2020	30-Mar-2020	31	7,348,575	7,346,575		
						Sub Total	79,627,395	79,627,395	-	79,627,395
3rd Tranche of STL drawn on 9.07.19		1000000000								
1st instl. of Int paid on 09.08	8/9/2019	1000000000	8.65%	9-Jul-2019	8-Aug-2019	31	7,346,575	7,346,575		
2nd instl of Int paid on 09.0	9/9/2019	1000000000	8.65%	9-Aug-2019	8-Sep-2019	31	7,346,575	7,346,575		
3rd instl of Int paid on 10.0	10/9/2019	1000000000	8.65%	9-Sep-2019	8-Oct-2019	30	7,109,589	7,109,938		
4th instl of Int paid on 09.1	11/9/2019	1000000000	8.65%	9-Oct-2019	8-Nov-2019	31	7,346,575	7,348,675		
5th instl of Int paid on 09.12	12/9/2019	1000000000	8.65%	9-Nov-2019	8-Dec-2019	30	7,109,589	7,112,137		
6th instl of Int paid on 09.01	1/9/2020	1000000000	8.65%	9-Dec-2019	8-Jan-2020	31	7,346,575	7,346,575		
7th instl of Int paid on 10.02	2/9/2020	1000000000	8.65%	9-Jan-2020	8-Feb-2020	31	7,346,575	7,346,964		
8th instl of Int paid on 09.03	3/9/2020	1000000000	8.65%	9-Feb-2020	8-Mar-2020	29	6,872,603	6,874,784		
						Sub Total	57,824,656	57,831,713	-	57,824,656

4th Tranche of STL drawn on 30.9.19		1000000000								
1st instl of Int paid on 31.10	10/30/2019	1000000000	8.65%	30-Sep-2019	30-Oct-2019	31	7,346,575	7,348,540		
2nd instl of Int paid on 30.1	11/30/2019	1000000000	8.65%	31-Oct-2019	29-Nov-2019	30	7,109,589	7,109,589		
3rd instl of Int paid on 31.12	12/30/2019	1000000000	8.65%	30-Nov-2019	30-Dec-2019	31	7,346,575	7,346,575		
4th instl of Int paid on 31.01	1/30/2020	1000000000	8.65%	31-Dec-2019	30-Jan-2020	31	7,346,575	7,347,263		
5th instl of Int paid on 29.02	2/28/2020	1000000000	8.65%	31-Jan-2020	28-Feb-2020	29	6,872,603	6,873,240		
6th instl of Int paid on 31.03	3/30/2020	1000000000	8.65%	29-Feb-2020	30-Mar-2020	31	7,346,575	7,346,575		
						Sub Total	43,568,492	43,576,782	-	43,568,492
5th Tranche of STL drawn on 23.12.19		1000000000								
1st instl of Int paid on 23.01	1/23/2019	1000000000	8.65%	23-Dec-2019	22-Jan-2020	31	7,346,575	132,069		
1st instl of Int paid on 24.01	1/24/2019							7,220,680		
2nd instl of Int paid on 23.0	2/23/2020	1000000000	8.65%	23-Jan-2020	22-Feb-2020	31	7,346,575	7,348,672		
3rd instl of Int paid on 23.03	2/23/2020	1000000000	8.65%	23-Feb-2020	22-Mar-2020	29	6,872,603	6,874,277		
						Sub Total	21,565,753	21,575,639	-	21,565,753
					Total		288,649,307	288,680,689	-	288,649,307

Interest during 2020-21										
Particulars	**Due date**	**Loan outstanding**	**Interest Rate (%)**	**From**	**To**	**No.of days**	**Amount**	**Interest recovered by Bank**	**Revenue**	**IDC**
2nd Tranche of STL drawn on 30.4.19		1000000000								
Interest paid on 31.05.2020	4/30/2020	1000000000	8.65%	31-Mar-2020	29-Apr-2020	30	7,109,589	6,714,051	7,109,589	
Interest paid on 30.06.2020	5/30/2020	1000000000	8.20%	30-Apr-2020	30-May-2020	31	6,964,384	6,700,236	6,964,384	
Interest paid on 16.11.2021		1000000000	8.20%	31-May-2020	16-Nov-2020	170	38,191,781		18,618,904	19,572,877
						Sub Total	52,265,754	13,414,287	32,752,877	19,572,877
3rd Tranche of STL drawn on 9.07.19		1000000000								
Interest paid on 10.04.2020	8/9/2019	1000000000	8.65%	9-Mar-2020	8-Apr-2020	31	7,346,575	7,346,575	7,346,575	
Interest paid on 09.05.2020	9/9/2019	1000000000	8.65%	9-Apr-2020	8-May-2020	30	7,109,589	6,925,704	7,109,589	
Interest paid on 10.06.2020	10/9/2019	1000000000	8.20%	9-May-2020	8-Jun-2020	31	6,964,384	6,968,672	6,964,384	
Interest paid on 09.11.2020		1000000000	8.20%	9-Jun-2020	9-Nov-2020	154	34,597,260		17,181,507	17,015,753
						Sub Total	56,017,808	21,240,951	39,002,055	17,015,753
4th Tranche of STL drawn on 30.9.19		1000000000								
Interest paid on 30.04.2020	4/30/2020	1000000000	8.65%	31-Mar-2020	29-Apr-2020	30	7,109,589	7,035,616	7,109,589	
Interest paid on 31.05.2020	5/30/2020	1000000000	8.20%	30-Apr-2020	30-May-2020	31	6,964,384	6,965,789	6,964,384	
Interest paid on 30.06.2020	6/30/2020	1000000000	8.20%	31-May-2020	30-Jun-2020	31	6,964,384	6,745,487	7,686,301	6,242,466
Interest paid on 31.08.2021		1000000000	8.20%	1-Jul-2020	31-Aug-2020	62	13,928,767		7,686,301	6,242,466
						Sub Total	34,967,124	20,746,892	23,186,987	11,780,137
5th Tranche of STL drawn on 23.12.19		1000000000								
Interest paid on 24.04.2020	6/23/2020	1000000000	8.65%	23-Mar-2020	22-Apr-2020	31	7,346,575	7,346,891	7,346,575	
Interest paid on 22.05.2020	5/23/2020	1000000000	8.65%	23-Apr-2020	22-May-2020	30	7,109,589	6,754,737	7,109,589	
Interest paid on 23.06.2019	6/23/2020	1000000000	8.20%	23-May-2020	22-Jun-2020	31	6,964,384	6,967,897	1,023,973	5,940,411
Interest paid on 16.11.2021		1000000000	8.20%	23-Jun-2020	16-Nov-2020	147	33,024,658		17,821,233	15,203,425
						Sub Total	54,445,206	21,069,065	33,301,370	21,143,836
					Total		197,695,892	76,471,195	128,223,289	69,472,603
					Grand Total		486,345,199	365,151,864	358,133,910	

1. Short Term Loan of Rs.100 crore from State Bank of India

Drawal of loan:			Share of KaHEP	Interest rate	Repayment Schedule			Actual repayment date
Installment	Date of drawal	Amount drawn			Installment	Date	Amount	
1st	11-Nov-13	350000000	225000000	10.25%	1st	10-Feb-14	250000000	4-Mar-14
2nd	18-Nov-13	250000000			2nd	10-May-14	250000000	Rs.18.75 on 23-Apr-14 & Rs.8.25 on 11-May-14
3rd	25-Nov-13	150000000			3rd	10-Aug-14	250000000	1-Aug-14
4th	7-Jan-14	250000000			4th	10-Nov-14	250000000	10-Nov-14
Total		1000000000					1000000000	

2. Short Term Loan of Rs 200 crore from State Bank of India

Drawal of loan:			Share of KaHEP	Interest rate	Repayment Schedule			Actual repayment date
Installment	Date of drawal	Amount drawn			Installment	Date	Amount	
1st	25-Jul-14	300000000	1200000000	10.20%	1st	24-Oct-14	500000000	24-Oct-14
2nd	25-Jul-14	150000000			2nd	24-Jan-15	500000000	2-Feb-15
3rd	1-Aug-14	650000000			3rd	24-Apr-15	500000000	24-Apr-15
4th	7-Aug-14	250000000			4th	24-Jul-15	500000000	1-Aug-15
5th	28-Aug-14	250000000						
6th	18-Sep-14	200000000						
7th	24-Sep-14	200000000						
Total		2000000000	1200000000				2000000000	

3. Short Term Loan of Rs. 50 crore from State Bank of India

Drawal of loan:			Share of KaHEP	Interest rate	Repayment Schedule			Actual repayment date
Installment	Date of drawal	Amount drawn			Installment	Date	Amount	
1st	24-Sep-14	200000000	300000000	10.20%	1st	23-Dec-14	125000000	23-Dec-14
2nd	26-Sep-14	300000000			2nd	23-Mar-15	125000000	23-Mar-15
					3rd	23-Jun-15	125000000	23-Jun-15
					4th	23-Sep-15	125000000	23-Sep-15
Total		500000000	300000000				500000000	

4. Short Term Loan of Rs. 100 crore from Indian Overseas Bank

Drawal of loan:			Share of KaHEP	Interest rate	Repayment Schedule			Actual repayment date
Installment	Date of drawal	Amount drawn			Installment	Date	Amount	
1st	27-May-14	100000000	600000000	10.25%	1st	31-Aug-14	187500000	2-Aug-14
2nd	30-May-14	200000000			2nd	30-Nov-14	187500000	22-Nov-14
3rd	13-Jun-14	300000000			3rd	28-Feb-15	187500000	
4th	27-Jun-14	150000000			4th	31-May-15	187500000	
Total		750000000		10.25%	1st	31-Oct-14	62500000	31-Oct-14
1st	27-Jun-14	200000000			2nd	31-Jan-15	62500000	22-Nov-14
2nd	9-Jul-14	50000000			3rd	30-Apr-15	62500000	
Total		250000000			4th	31-Jul-15	62500000	
GTotal		1000000000	600000000				1000000000	

5. Short Term Loan of Rs. 75 crore from Punjab National Bank

Drawal of loan:			Share of KaHEP	Interest rate	Repayment Schedule			Actual repayment date
Installment	Date of drawal	Amount drawn			Installment	Date	Amount	
1st	27-May-14	100000000	450000000	10.25%	1st	31-Aug-14	187500000	2-Aug-14
2nd	13-Jun-14	200000000			2nd	30-Nov-14	187500000	22-Nov-14
3rd	18-Jun-14	300000000			3rd	28-Feb-15	187500000	
4th	27-Jun-14	150000000			4th	31-May-15	187500000	
5th	9-Jul-14	100000000						
Total		750000000	450000000				750000000	

6. Short Term Loan of Rs. 150 crore from State Bank of India

Drawal of loan:			Share of KaHEP	Interest rate	Repayment Schedule			Actual repayment date
Installment	Date of drawal	Amount drawn			Installment	Date	Amount	
1st	26-May-15	10000000	1300000000	9.85%	1st	26-Aug-15	375000000	
2nd	13-Jul-15	200000000			2nd	10-May-14	375000000	
3rd	24-Jul-15	600000000			3rd	10-Aug-14	375000000	
4th	29-Jul-15	290000000			4th	10-Nov-14	375000000	
5th	18-Aug-15	200000000						
Total		1300000000	1300000000				1500000000	

State Bank of India

A Drawal of Loan:From SBI (Rs.100 cr)

Instalment	Date of drawal	Amount
1st	11-Nov-13	350000000
2nd	18-Nov-13	250000000
3rd	25-Nov-13	150000000
4th	7-Jan-14	250000000
Total		1000000000

Repayment Schedule:

1st	10-Feb-14	250000000
2nd	10-May-14	250000000
3rd	10-Aug-14	250000000
4th	10-Nov-14	250000000
Total		1000000000

B Drawal of Loan:From SBI (Rs.200 cr)

Instalment	Date of drawal	Amount
1st	23-Jul-14	300000000
2nd	25-Jul-14	150000000
3rd	1-Aug-14	650000000
4th	7-Aug-14	250000000
5th	28-Aug-14	250000000
6th	18-Sep-14	200000000
7th	24-Sep-14	200000000
Total		2000000000

Repayment Schedule:

1st	24-Oct-14	500000000
2nd	24-Jan-15	500000000
3rd	24-Apr-15	500000000
4th	24-Jul-15	500000000
Total		2000000000

C Drawal of Loan:From SBI (Rs.50 cr)

Instalment	Date of drawal	Amount
1st	24-Sep-14	200000000
2nd	26-Sep-14	300000000
Total		500000000

Repayment Schedule:

1st	23-Dec-14	125000000
2nd	23-Mar-15	125000000
3rd	23-Jun-15	125000000
4th	23-Sep-15	125000000
Total		500000000

D Drawal of Loan:From SBI (Rs.150 cr)

Instalment	Date of drawal	Amount	Repayment Schedule:		
1st drawal	26-May-15	10000000	1st	26-Aug-15	375000000
2nd drawal	13-Jul-15	200000000	2nd	10-May-14	375000000
3rd drawal	24-Jul-15	600000000	3rd	10-Aug-14	375000000
4th drawal	29-Jul-15	290000000	4th	10-Nov-14	375000000
5th drawal	18-Aug-15	300000000			
Total		1500000000	Total		1500000000

E Drawal of Loan:From SBI (Rs.300 cr)-2016-17

Instalment	Date of drawal	Amount	Repayment Schedule:		
1st	27-Jul-16	10000000	1st	27-Oct-16	2500000
2nd	15-Sep-16	600000000	2nd	26-Jan-17	1000000000
3rd	20-Sep-16	350000000	3rd	26-Apr-17	1000000000
4th	26-Sep-16	280000000	4th	26-Jul-17	997500000
5th	29-Sep-16	800000000			
6th	7-Oct-16	100000000			
7th	28-Oct-16	170000000			
8th	14-Dec-16	600000000			
Total		3000000000			3000000000

F Drawal of Loan:From SBI (Rs.200 cr) -2016-17

Instalment	Date of drawal	Amount	Repayment Schedule:		
1st	14-Dec-16	150000000	Bullet	14-Jun-17	2000000000
2nd	21-Dec-16	150000000			
3rd	23-Feb-17	100000000			
4th	1-Mar-17	100000000			
5th	2-Mar-17	100000000			
6th	6-Mar-17	150000000			
7th	15-Mar-17	230000000			
8th	17-Mar-17	70000000			
9th	21-Mar-17	90000000			
10th	22-Mar-17	180000000			
Total		1330000000			2000000000

G Drawal of Loan:From SBI (Rs.200 cr) -2017-18

Instalment	Date of drawal	Amount	Repayment Schedule:		
1st	13-Jun-17	300000000	Paid	3-Apr-18	1000000000
2nd	14-Jun-17	1700000000	Paid	12-Jun-18	1000000000
Total		2000000000			2000000000

H Canara bank-Rs.500 cr

Instalment	Date of drawal	Amount	Repayment Schedule:		
1st	18-Mar-19	1000000000	Paid on	16-Mar-20	1000000000
2nd	30-Apr-19	1000000000	Paid on	16-Nov-20	1000000000
3rd	9-Jul-19	1000000000	Paid on	9-Nov-20	1000000000
4th	20-Sep-19	1000000000	Paid on	31-Aug-20	1000000000
5th	23-Dec-19	1000000000	Paid on	16-Nov-20	1000000000
Total		5000000000			5000000000



Canara Bank-MTCL-Rs.300 cr

Installment	Date of drawal	Rs	Repayment Schedule
1st	3-Feb-20	1,000,000,000	16 structured quarterly installments commencing after initial moratorium of 12 months from the date of first disbursement of the loan
2nd	16-Mar-20	1,000,000,000	
3rd	23-Mar-20	1,000,000,000	
4th	27-Mar-20	1,000,000,000	
5th	28-May-20	1,000,000,000	
Total		5,000,000,000	

2019-20

Installment	Outstanding	Int.rate	From	To	No.of days	Amount	RoI/EP-IDC
1st	1,000,000,000	8.45%	3-Feb-20	31-Mar-20	58	13,427,397	13,427,397
	6,712,099	3.00%	31-Mar-20	31-Mar-20	1	368	368
2nd	1,000,000,000	8.45%	16-Mar-20	31-Mar-20	16	3,704,110	3,704,110
3rd	1,000,000,000	8.45%	23-Mar-20	31-Mar-20	9	2,083,562	2,083,562
4th	1,000,000,000	8.45%	27-Mar-20	31-Mar-20	5	1,157,534	1,157,534
					Total	20,372,971	20,372,971

2020-21

Installment	Outstanding	Int.rate	From	To	No.of days	Amount	RoI/EP
1st	1,000,000,000	8.45%	1-Apr-20	15-Jun-20	77	17,826,027	17,826,027
	1,000,000,000	8.45%	17-Jun-20	30-Jun-20	14	3,241,096	3,430,822
2nd	1,000,000,000	8.45%	1-Apr-20	15-Jun-20	77	17,826,027	17,826,027
	1,000,000,000	8.45%	17-Jun-20	30-Jun-20	14	3,241,096	3,430,822
3rd	1,000,000,000	8.45%	1-Apr-20	15-Jun-20	77	17,826,027	17,826,027
	1,000,000,000	8.45%	17-Jun-20	30-Jun-20	14	3,241,096	3,430,822
4th	1,000,000,000	8.45%	1-Apr-20	15-Jun-20	77	17,826,027	17,826,027
	1,000,000,000	8.45%	17-Jun-20	30-Jun-20	14	3,241,096	3,430,822
5th	1,000,000,000	8.45%	1-Apr-20	15-Jun-20	77	17,826,027	17,826,027
			17-Jun-20	30-Jun-20	14	3,241,096	3,430,822
					Sub total	105,355,615	101,284,265
	5,000,000,000	8.45%	1-Jul-20	30-Sep-20	92	108,493,151	83,249,978
	5,000,000,000	8.45%	1-Oct-20	30-Nov-20	61	70,630,160	33,394,795
					Total		168,831,915

1216.87

2019-20	20372972
2020-21	168,831,915

Canara MTCL

Rs. in lakhs

Lender	Outstanding	Date of drawal	Repayment profile
Canara Bank	10,000.00	3Feb2020	Monthly interest payable. Rs.500 cr bain in 16 equal quarterly installments of each tranche after 1 year from first drawal
	10,000.00	16Mar2020	
	10,000.00	23Mar2020	
	10,000.00	27Mar2020	
	10,000.00	28May2020	
Total	50,000.00		

Date	Installment No.	Principal 1st tranche	Date	Principal 2nd tranche	Date	Principal 3rd tranche	Date	Principal 4th tranche	Date	Principal 5th tranche	Total Principal	Year
3/3/2021	1	625.00	3/16/2021	625.00	3/23/2021	625.00	3/27/2021	625.00	3/28/2021	625.00	12500.00	2021-22
6/3/2021	2	625.00	6/16/2021	625.00	6/23/2021	625.00	6/27/2021	625.00	11/28/2021	625.00		
11/3/2021	3	625.00	11/16/2021	625.00	11/23/2021	625.00	11/27/2021	625.00	2/28/2022	625.00		
2/3/2022	4	625.00	2/16/2022	625.00	2/23/2022	625.00	2/27/2022	625.00	5/28/2022	625.00	12500.00	2022-23
5/3/2022	5	625.00	5/16/2022	625.00	5/23/2022	625.00	5/27/2022	625.00	8/28/2022	625.00		
8/3/2022	6	625.00	8/16/2022	625.00	8/23/2022	625.00	8/27/2022	625.00	11/28/2022	625.00		
11/3/2022	7	625.00	11/16/2022	625.00	11/23/2022	625.00	11/27/2022	625.00	2/28/2023	625.00		
2/3/2023	8	625.00	2/16/2023	625.00	2/23/2023	625.00	2/27/2023	625.00	5/28/2023	625.00	12500.00	2023-24
5/3/2023	9	625.00	5/16/2023	625.00	5/23/2023	625.00	5/27/2023	625.00	8/28/2023	625.00		
8/3/2023	10	625.00	8/16/2023	625.00	8/23/2023	625.00	8/27/2023	625.00	11/28/2023	625.00		
11/3/2023	11	625.00	11/16/2023	625.00	11/23/2023	625.00	11/27/2023	625.00	2/28/2024	625.00		
2/3/2024	12	625.00	2/16/2024	625.00	2/23/2024	625.00	2/27/2024	625.00	5/28/2024	625.00	12500.00	2024-25
5/3/2024	13	625.00	5/16/2024	625.00	5/23/2024	625.00	5/27/2024	625.00	8/28/2024	625.00		
8/3/2024	14	625.00	8/16/2024	625.00	8/23/2024	625.00	8/27/2024	625.00	11/28/2024	625.00		
11/3/2024	15	625.00	11/16/2024	625.00	11/23/2024	625.00	11/27/2024	625.00	2/28/2025	625.00		
2/3/2025	16	625.00	2/16/2025	625.00	2/23/2025	625.00	2/27/2025	625.00		0.00		
		10000.00		10000.00		10000.00		10000.00		10000.00	50000.00	

Kameng HEP

Sl. No.	Sanctioned letter No. and Date	Amount in lakhs
1	7/22/99-HYDEL -II(ii) Dt. 01.02.2000	1500.00
2	3/09/2001-HYDEL -II Dt. 14.02.02	3228.00
3	3/09/2001-HYDEL -II Dt. 28.03.02	900.00
4	3/13/2002-HYDEL -II Dt.31.03.03	1700.00
5	7/37/2003-H -I Dt.18.12.03	500.00
6	7/37/2003-H -I Dt.25.03.04	1626.00
7	7/12/2004-H -I Dt.22.12.04	7000.00
8	7/12/2004-H -I Dt.11.02.05	7100.00
9	3/2/2005-H -I Dt.11.05.05	10000.00
10	3/2/2005-H -I Dt.02.03.06	5000.00
11	3/2/2005-H -I Dt.21.04.06	5000.00
12	3/2/2005-H -I Dt. 16.11.06	5000.00
13	3/2/2005-H -I Dt. 27.12.06	10000.00
14	3/2/2005-H -I Dt. 05.09.2007	8000.00
15	3/2/2005-H -I Dt. 31.12.2007	8353.00
	TOTAL	**74907.00**

2015-16:

1	3/7/2015-H -I Dtd. 24.11.2015	2663.00
	TOTAL DURING 2015-16	**2663.00**

	GRAND TOTAL	**77570.00**

PART-II
FORM-10

Financing of Additional Capitalisation

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION
Date of Commercial Operation : 12.02.2021

(Rs. Lakh)

	Actual					Admitted				
Financial Year (Starting from COD)[1]	Year 1	Year 2	Year 3	Year 4	Year 5 & so on	Year 1	Year 2	Year 3	Year 4	Year 5 & so on
1	2	3	4	5	6	7	8	9	10	11
Amount capitalised in Work/Equipment	2323.56	3102.56	0.00	0.00	0.00					
Financing Details										
1. PSU Bonds:										
XIVth series										
XVth series										
XVIth series										
XVIIth series										
XVIIIth series										
XIXth series										
XXth series										
XXIth series										
Canara Bank - Medium Term Loan										
PNB - Corporate Term Loan										
Total Loan[2]										
Equity										
Internal Resources	2323.56	3102.56	0.00	0.00	0.00					
Others (Domestic)										
Total	2323.56	3102.56	0.00	0.00	0.00					

Note :
1. Year 1 refers to Financial Year of COD and Year 2, Year 3 etc. are the subsequent financial years respectively.
2. Loan details for meeting the additional capitalisation requirement should be given as per FORM- 7 or 8 whichever is relevant.

(Petitioner)

PART-II
FORM-11

Calculation of Depreciation

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION

(Amount in Rs. Lakh)

Sl. No.	Name of the Assets [1]	Gross Block as on 31.03.2025	Gross Block as on 31.03.2026	Gross Block as on 31.03.2027	Gross Block as on 31.03.2028	Gross Block as on 31.03.2029	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation Amount for each year up to 31.03.25	Depreciation Amount for each year up to 31.03.26	Depreciation Amount for each year up to 31.03.27	Depreciation Amount for each year up to 31.03.28	Depreciation Amount for each year up to 31.03.29
	1	2	3	4	5	6	7	8=Col.2 X Col.7	9=Col.2 X Col.7	10=Col.2 X Col.7	11=Col.2 X Col.7	12=Col.2 X Col.7
1	Free hold	421.50	*421.50*	*421.50*	*421.50*	*421.50*	0.00%	0.00	0.00	0.00	0.00	0.00
2	Roads, Bridges, Culverts & Helipads	1926.43	*1926.43*	*1926.43*	*1926.43*	*1926.43*	3.34%	64.34	64.34	64.34	64.34	64.34
3	Main Plant Buildings	49940.43	*49940.43*	*49940.43*	*49940.43*	*49940.43*	3.34%	1668.01	1668.01	1668.01	1668.01	1668.01
4	Other Buildings	5105.70	5105.70	5105.70	5105.70	5105.70	3.34%	170.53	170.53	170.53	170.53	170.53
5	Temporary erections	1537.31	*1537.31*	*1537.31*	*1537.31*	*1537.31*	100.00%	1537.31	1537.31	1537.31	1537.31	1537.31
6	Water supply, drainage and sewerage	504.46	*504.46*	*504.46*	*504.46*	*504.46*	3.34%	16.85	16.85	16.85	16.85	16.85
7	Dam, Dyke, Reservoir & Other Hydraulic W	598745.20	601548.63	601548.63	601548.63	601548.63	5.28%	31613.75	31761.77	31761.77	31761.77	31761.77
8	Plant and Equipment	178352.17	178651.30	178651.30	178651.30	178651.30	5.28%	9416.99	9432.79	9432.79	9432.79	9432.79
9	Furniture & Fixture	364.65	364.65	364.65	364.65	364.65	6.33%	23.08	23.08	23.08	23.08	23.08
10	Vehicles	26.79	26.79	26.79	26.79	26.79	9.50%	2.55	2.55	2.55	2.55	2.55
11	Office equipment	19.32	19.32	19.32	19.32	19.32	6.33%	1.22	1.22	1.22	1.22	1.22
12	EDP, WP machines & SATCOM Equipments	209.52	209.52	209.52	209.52	209.52	33.33%	69.83	69.83	69.83	69.83	69.83
13	Construction Equipment	1908.23	*1908.23*	*1908.23*	*1908.23*	*1908.23*	5.28%	100.75	100.75	100.75	100.75	100.75
14	Electrical Installations	4958.47	4958.47	4958.47	4958.47	4958.47	5.28%	261.81	261.81	261.81	261.81	261.81
15	Communication equipment	107.60	*107.60*	*107.60*	*107.60*	*107.60*	5.28%	5.68	5.68	5.68	5.68	5.68
16	Hospital equipment	3.18	*3.18*	*3.18*	*3.18*	*3.18*	5.28%	0.17	0.17	0.17	0.17	0.17
17	Laboratory and workshop equipment	16.47	*16.47*	*16.47*	*16.47*	*16.47*	5.28%	0.87	0.87	0.87	0.87	0.87
18	Other Equipments	268.69	*268.69*	*268.69*	*268.69*	*268.69*	5.28%	14.19	14.19	14.19	14.19	14.19
19	Low Value Assets	36.16	*36.16*	*36.16*	*36.16*	*36.16*	0.00%	0.00	0.00	0.00	0.00	0.00
20	Software	3.75	*3.75*	*3.75*	*3.75*	*3.75*	100%	3.75	3.75	3.75	3.75	3.75
21	Right to Use(Forest Land)	5389.40	*5389.40*	*5389.40*	*5389.40*	*5389.40*	1/40	134.73	134.73	134.73	134.73	134.73
	TOTAL	**849845.41**	**852947.97**	**852947.97**	**852947.97**	**852947.97**		**45106.41**	**45270.23**	**45270.23**	**45270.23**	**45270.23**
	Weighted Average Rate of Depreciation (%	0.0531	0.0531	0.0531	0.0531	0.0531						

** Provide details of Freehold land, Lease hold land and Land under reservoir separately*

Note :

1. Name of the Assets should conform to the description of the assets mentioned in Depreciation Schedule appended to the Notification.

*Details of Land:	
FOREST LAND (RIGHT TO USE)	1516.91
FOREST LAND (R&R EXPENDITURE)	3872.49
FREEHOLD LAND	421.50
TOTAL	5810.90





PART-II
FORM-12

Statement of Depreciation

Name of the Company : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Power Station : KAMENG HYDRO POWER STATION

Calculation of Depreciation

(Amount in lacs)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
Capital Cost Opening	841220.00	843613.86	846716.42	846716.42	846716.42
Capital Cost Closing	843613.86	846716.42	846716.42	846716.42	846716.42
Average Capital Cost	842416.93	845165.14	846716.42	846716.42	846716.42
Land Value	421.50	421.50	421.50	421.50	421.50
Rate of depreciation %	0.053	0.053	0.053	0.053	0.053
Depreciable Value	757795.89	760269.28	761665.43	761665.43	761665.43
Balance useful life					
Cumulative Depreciation upto previous year	163857.15	208569.29	253426.44	298365.93	343305.42
Remaining Depreciable Value	593938.74	551699.99	508238.99	463299.50	418360.01
Depreciation (for the period)	44712.14	44857.15	44939.49	44939.49	44939.49
Depreciation (Annualized)	44712.14	44857.15	44939.49	44939.49	44939.49
Cumulative Depreciation at the end of the period	208569.29	253426.44	298365.93	343305.42	388244.91
Less: Cumulative depreciation adjustment on account of undischarged liabilities deduced as on 01.04.2009/COD	0.00	0.00	0.00	0.00	0.00
Less: Cumulative depreciation adjustment on account of decapitalization (Refer: Form 9Bi)	0.00	0.00	0.00	0.00	0.00
Net Cumulative Depreciation at the end of the period	208569.29	253426.44	298365.93	343305.42	388244.91

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FORM- 13D

Calculation of Weighted Average Rate of Interest on Actual Loans
Name of the Company : North Eastern Electric Power Corporation Ltd.
Name of the Generating Station : KAMENG HYDRO ELECTRIC PROJECT
(Amount in lacs)

Sl. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
1	2	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	PFC Term loan Loan (Rs.in lacs)														
	Gross loan - Opening	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25
	Cumulative repayments of Loans upto previous year	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25	178279.25
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	12.67%	12.67%	12.67%	12.67%	12.67%	12.67%	12.67%	12.67%	12.67%	12.67%	12.67%	12.67%	12.67%	12.67%
	Interest on loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	PSU Bonds-VIIth Series (2nd tranche)														
	Gross loan - Opening	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00
	Cumulative repayments of Loans upto previous year	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00	1100.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%
	Interest on loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	PSU Bonds-XIVth Series														
	Gross loan - Opening	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	45747.48	91494.96	137242.44	182989.92	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40	228737.40
	Net loan - Opening	228737.40	228737.40	228737.40	182989.92	137242.44	91494.96	45747.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	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	45747.48	45747.48	45747.48	45747.48	45747.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	228737.40	228737.40	182989.92	137242.44	91494.96	45747.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	228737.40	228737.40	205863.66	160116.18	114368.70	68621.22	22873.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	9.6000%	9.6000%	9.6000%	9.6000%	9.6000%	9.6000%	9.6000%	9.6000%	9.6000%	9.6000%	9.6000%	9.6000%	9.6000%	9.6000%
	Interest on loan	21958.79	21958.79	19762.91	15371.15	10979.40	6587.64	2195.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	PSU Bonds-XVth Series														
	Gross loan - Opening	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	10805.17	21610.33	32415.50	43220.66	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83	54025.83
	Net loan - Opening	54025.83	54025.83	54025.83	43220.66	32415.50	21610.33	10805.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	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	10805.17	10805.17	10805.17	10805.17	10805.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	54025.83	54025.83	43220.66	32415.50	21610.33	10805.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	54025.83	54025.83	48623.25	37818.08	27012.92	16207.75	5402.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	9.15%	9.15%	9.15%	9.15%	9.15%	9.15%	9.15%	9.15%	9.15%	9.15%	9.15%	9.15%	9.15%	9.15%
	Interest on loan	4943.36	4943.36	4449.03	3460.35	2471.68	1483.01	494.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	PSU Bonds-XVIth Series														
	Gross loan - Opening	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12000.00	24000.00	36000.00	48000.00	60000.00
	Net loan - Opening	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	48000.00	36000.00	24000.00	12000.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	12000.00	12000.00	12000.00	12000.00	12000.00	0.00
	Net loan - Closing	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	48000.00	36000.00	24000.00	12000.00	0.00	0.00
	Average Net Loan	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	60000.00	54000.00	42000.00	30000.00	18000.00	6000.00	0.00
	Rate of Interest on Loan on annual ba	8.68%	8.68%	8.68%	8.68%	8.68%	8.68%	8.68%	8.68%	8.68%	8.68%	8.68%	8.68%	8.68%	8.68%
	Interest on loan	5208.00	5208.00	5208.00	5208.00	5208.00	5208.00	5208.00	5208.00	4687.20	3645.60	2604.00	1562.40	520.80	0.00
6	PSU Bonds-XVIIth Series														
	Gross loan - Opening	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	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	30000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	30000.00	30000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	30000.00	30000.00	15000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%	7.80%
	Interest on loan	2340.00	2340.00	1170.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	PSU Bonds-XVIIIth Series														
	Gross loan - Opening	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02
	Net loan - Opening	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	16955.02	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	16955.02	8477.51	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%
	Interest on loan	1302.15	1302.15	1302.15	1302.15	1302.15	1302.15	1302.15	651.07	0.00	0.00	0.00	0.00	0.00	0.00

8	PSU Bonds-XXIth Series															
	Gross loan - Opening	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15000.00	30000.00	30000.00	30000.00	30000.00	30000.00
	Net loan - Opening	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	15000.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	15000.00	15000.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	15000.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	22500.00	7500.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%
	Interest on loan	2625.00	2625.00	2625.00	2625.00	2625.00	2625.00	2625.00	2625.00	1968.75	656.25	0.00	0.00	0.00	0.00	0.00
9	PSU Bonds-XXth Series															
	Gross loan - Opening	0.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	15000.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	30000.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	15000.00	15000.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	15000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	15000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	22500.00	7500.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%	9.50%
	Interest on loan	1425.00	2850.00	2850.00	2850.00	2850.00	2850.00	2850.00	2137.50	712.50	0.00	0.00	0.00	0.00	0.00	0.00
#	PSU Bonds-XXIst Series															
	Gross loan - Opening	0.00	0.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7500.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Net loan - Opening	0.00	0.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	7500.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7500.00	7500.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	7500.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	7500.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	11250.00	3750.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	0.00%	8.69%	8.69%	8.69%	8.69%	8.69%	8.69%	8.69%	8.69%	8.69%	8.69%	8.69%	8.69%	8.69%	8.69%
	Interest on loan	0.00	651.75	1303.50	1303.50	1303.50	1303.50	1303.50	1303.50	977.63	325.88	0.00	0.00	0.00	0.00	0.00
#	PSU Bonds-XXIInd Series															
	Gross loan - Opening	0.00	0.00	0.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12500.00	37500.00	50000.00	50000.00	50000.00
	Net loan - Opening	0.00	0.00	0.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	37500.00	12500.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	50000.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	12500.00	25000.00	12500.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	37500.00	12500.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	25000.00	50000.00	50000.00	50000.00	50000.00	50000.00	43750.00	25000.00	6250.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	0.00%	0.00%	7.55%	7.55%	7.55%	7.55%	7.55%	7.55%	7.55%	7.55%	7.55%	7.55%	7.55%	7.55%	7.55%
	Interest on loan	0.00	0.00	1887.50	3775.00	3775.00	3775.00	3775.00	3775.00	3303.13	1887.50	471.88	0.00	0.00	0.00	0.00
#	SBI Short Term Loan															
	Gross loan - Opening	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00
	Cumulative repayments of Loans upto previous year	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00	2250.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%
	Interest on loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#	SBI Short Term Loan															
	Gross loan - Opening	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00
	Cumulative repayments of Loans upto previous year	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00	12000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%
	Interest on loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#	SBI Short Term Loan															
	Gross loan - Opening	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Cumulative repayments of Loans upto previous year	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%	10.20%
	Interest on loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#	SBI Short Term Loan															
	Gross loan - Opening	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Cumulative repayments of Loans upto previous year	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%	9.85%
	Interest on loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#	SBI Short Term Loan															
	Gross loan - Opening	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00
	Cumulative repayments of Loans upto previous year	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00	18000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual ba	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%
	Interest on loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

#	SBI Short Term Loan															
	Gross loan - Opening	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00
	Cumulative repayments of Loans upto previous year	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00	7980.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual b	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%	9.05%
	Interest on loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#	SBI Short Term Loan															
	Gross loan - Opening	12060.00	12060.00	12060.00	12060.00	12060.00	12060.00	12060.00	12060.00	12060.00	12060.00	12060.00	12060.00	12060.00	12060.00	12060.00
	Cumulative repayments of Loans upto previous year	0.00	12060.00	12060.00	12060.00	12060.00	12060.00	12060.00	12060.00	12060.00	12060.00	12060.00	12060.00	12060.00	12060.00	12060.00
	Net loan - Opening	12060.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	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	12060.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	6030.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual b	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
	Interest on loan	482.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#	ICICI Short Term Loan															
	Gross loan - Opening	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
	Cumulative repayments of Loans upto previous year	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual b	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%
	Interest on loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#	PNB Short Term Loan															
	Gross loan - Opening	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	Cumulative repayments of Loans upto previous year	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual b	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%	10.25%
	Interest on loan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#	Canara Short Term Loan															
	Gross loan - Opening	0.00	10000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	10000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00
	Net loan - Opening	0.00	10000.00	40000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	10000.00	40000.00	0.00	0.00	0.00	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	20000.00	40000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	10000.00	40000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	5000.00	25000.00	20000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual b	8.63%	8.63%	8.20%	8.20%	8.20%	8.20%	8.20%	8.20%	8.20%	8.20%	8.20%	8.20%	8.20%	8.20%	8.20%
	Interest on loan	432.50	2162.50	1640.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#	Canara Medium Term Loan															
	Gross loan - Opening	0.00	0.00	40000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	12500.00	25000.00	37500.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00	50000.00
	Net loan - Opening	0.00	0.00	40000.00	50000.00	37500.00	25000.00	12500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	40000.00	10000.00	0.00	0.00	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	0.00	12500.00	12500.00	12500.00	12500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	40000.00	50000.00	37500.00	25000.00	12500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	20000.00	45000.00	43750.00	31250.00	18750.00	6250.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual b	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%
	Interest on loan	0.00	1690.00	3802.50	3696.88	2640.63	1584.38	528.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#	PNB Term Loan															
	Gross loan - Opening	0.00	0.00	0.00	125000.00	125000.00	125000.00	125000.00	125000.00	125000.00	125000.00	125000.00	125000.00	125000.00	125000.00	125000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	5000.00	15000.00	25000.00	40000.00	60000.00	97500.00	125000.00	125000.00	125000.00	125000.00
	Net loan - Opening	0.00	0.00	0.00	125000.00	125000.00	120000.00	110000.00	100000.00	85000.00	65000.00	27500.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	125000.00	0.00	0.00	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	0.00	0.00	5000.00	10000.00	10000.00	15000.00	20000.00	37500.00	27500.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	125000.00	125000.00	120000.00	110000.00	100000.00	85000.00	65000.00	27500.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	62500.00	125000.00	122500.00	115000.00	105000.00	92500.00	75000.00	46250.00	13750.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan on annual b	0.00%	0.00%	7.35%	7.35%	7.35%	7.35%	7.35%	7.35%	7.35%	7.35%	7.35%	7.35%	7.35%	7.35%	7.35%
	Interest on loan	0.00	0.00	4593.75	9187.50	9003.75	8452.50	7717.50	6798.75	5512.50	3399.38	1010.63	0.00	0.00	0.00	0.00
	Total Loans															
	Gross loan - Opening	629827.50	729827.50	814827.50	999827.50	999827.50	999827.50	999827.50	999827.50	999827.50	999827.50	999827.50	999827.50	999827.50	999827.50	999827.50
	Cumulative repayments of Loans upto previous year	248109.25	260109.25	270109.25	398660.89	465714.54	539367.18	618815.83	713672.48	759827.50	826827.50	921827.50	975827.50	987827.50	999827.50	999827.50
	Net loan - Opening	431718.25	469718.25	544718.25	601166.61	534113.96	460460.32	381011.67	286154.02	240000.00	173000.00	78000.00	24000.00	12000.00	0.00	0.00
	Add: Drawal(s) during the Year	40000.00	40000.00	0.00	0.00	0.00	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	12000.00	10000.00	126552.65	49052.65	74052.65	79052.65	94052.65	46855.02	67000.00	97000.00	62000.00	12000.00	12000.00	0.00	0.00
	Net loan - Closing	459718.25	499718.25	418165.60	534113.96	460060.31	381007.67	286905.02	240000.00	173000.00	76000.00	24000.00	12000.00	0.00	0.00	0.00
	Average Net Loan	445718.25	474718.25	481441.93	568139.28	497086.64	420133.99	333981.34	263077.51	206500.00	124500.00	51000.00	18000.00	6000.00	0.00	0.00
	Interest on loan	40714.80	45216.55	50594.34	48279.53	42159.13	35171.18	27787.00	21073.80	16449.21	9914.81	4086.51	1543.40	510.00	0.00	0.00
	Weighted average Rate of Interes	9.13%	9.63%	10.51%	8.58%	8.48%	8.36%	8.17%	8.00%	7.97%	7.96%	8.17%	8.68%	8.68%	0.00%	

PART-II
FORM-13A

Calculation of Interest on Normative Loan

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

(Amount in lacs)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
(1)	*(4)*	*(5)*	*(6)*	*(7)*	*(8)*
Gross Normative loan - Opening	588854.00	590586.05	593598.87	593598.87	593598.87
Cumulative repayments of Normative loan upto previous year	163857.15	208569.29	253426.44	298365.93	343305.42
Net Normative loan - Opening	424996.85	382016.76	340172.43	295232.94	250293.45
Add: Increase due to addition during the year /period	1682.84	3012.82	0.00	0.00	0.00
Less: Decrease due to decapitalisation 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 during the year/period	49.21	0.00	0.00	0.00	0.00
Net addition during the year	1732.05	3012.82	0.00	0.00	0.00
Repayment (s) of Normative Loan during the year	44712.14	44857.15	44939.49	44939.49	44939.49
Net Normative loan - Closing	382016.76	340172.43	295232.94	250293.45	205353.96
Average Normative loan	403506.81	361094.59	317702.68	272763.20	227823.71
Weighted average rate of interest	0.0817	0.0800	0.0797	0.0796	0.0817
Interest on Loan	**32967.38**	**28881.56**	**25307.30**	**21721.61**	**18620.08**

PART-II
FORM-13B

Calculation of Interest on Working Capital

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

(Amount in lacs)

Sl. No.	Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
(1)	(2)	(5)	(6)	(7)	(8)	(9)
1	Maintenance Spares	2341.71	2469.80	2604.90	2747.39	2897.67
2	Receivables	18298.71	17915.42	17591.16	17260.27	16997.55
3	O & M Expenses	1300.95	1372.11	1447.17	1526.33	1609.82
4	**Total Working Capital**	**21941.37**	**21757.33**	**21643.22**	**21533.99**	**21505.03**
5	Rate of Interest	11.90%	11.90%	11.90%	11.90%	11.90%
6	**Interest on Working Capital**	**2611.02**	**2589.12**	**2575.54**	**2562.54**	**2559.10**

Security Expenses during 2019-24 KaHPS

Sl. No.	YEAR	2024-25	2025-26	2026-27	2027-28	2028-29
1	Security Expenses KaHPS	0.00	0.00	0.00	0.00	0.00

PETITIONER

PART-II
FORM-13C

Non-Tariff Income

Name of the Hydro Asset: KAMENG HYDRO POWER STATION

S.No.	Parameters	Existing 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Income from rent of land or buildings	0	0.00	0.00	0.00	0.00	0
2.	Lease Rent- Operating Lease Vehicles	185.36	0.00	0.00	0.00	0.00	0
3.	Hire Charge-Const/other eqipment	0.03	0.00	0.00	0.00	0.00	0
4.	Recovery of Rent-Employees Res Bldgs	1.25	0.00	0.00	0.00	0.00	0
5.	Rent recovery from others- Residential	10.95	0.00	0.00	0.00	0.00	0
6.	Sale of Tender Forms	0.05	0.00	0.00	0.00	0.00	0
7.	Elect Charges recov-others- Non Resident	95.84	0.00	0.00	0.00	0.00	0
8.	Liquidated Damages Recovered	92.90	0.00	0.00	0.00	0.00	0
9.	Income from Sale of Scrap	0.00	0.00	0.00	0.00	0.00	0
10.	Transit Hostel Recoveries	0.64	0.00	0.00	0.00	0.00	0
11.	Income recovered from Contractors	0.00	0.00	0.00	0.00	0.00	0
12.	Other Miscellaneous Receipts	0.06	0.00	0.00	0.00	0.00	0
13.	Gain on Asset Sale	43.24	0.00	0.00	0.00	0.00	0
14.	Interest from Loan to Employees	0.91	0.00	0.00	0.00	0.00	0
15.	Sale of Inventories to Vendors	0.00	0.00	0.00	0.00	0.00	0
16.	Excess Provision Written Back.	145.52	0.00	0.00	0.00	0.00	0
17.	Infirm Power	0.00	0.00	0.00	0.00	0.00	0
18.	Corporate Share-Other Income	1.63	0.00	0.00	0.00	0.00	0
	TOTAL	**578.39**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Note: To be submitted at the time of truing up

(Petitioner)

PART-II
FORM-13D

Incidental Expenditure during Construction

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO ELECTRIC PLANT

(Amount in Rs. Lakh)

Sl. No.	Parameters	Upto Scheduled COD	Actual as on 31.03.2025	Actual as on 31.03.2026	Actual as on 31.03.2027	Actual as on 31.03.2028	Actual as on 31.03.2029
A	Expenses:						
1	Employees' Benefits Expenses	9669.49	67260.93	67260.93	67260.93	67260.93	67260.93
2	Finance Costs	0.00	274744.26	274744.26	274744.26	274744.26	274744.26
3	Water Charges						
4	Communication Expenses	3.98	307.91	307.91	307.91	307.91	307.91
5	Power Charges	236.93	8918.65	8918.65	8918.65	8918.65	8918.65
6	Other Office and Administrative Expenses	1817.92	9221.90	9221.90	9221.90	9221.90	9221.90
7	Others (Please Specify Details)	5918.53	56291.94	56291.94	56291.94	56291.94	56291.94
8	Other Pre-Operating Expenses						
	.....						
	.....						
B	Total Expenses	17646.85	416745.59	416745.59	416745.59	416745.59	416745.59
	Less: Income from sale of tenders		1.38	1.38	1.38	1.38	1.38
	Less: Income from Guest House		4.69	4.69	4.69	4.69	4.69
	Less: Income recovered from Contractors		203.61	203.61	203.61	203.61	203.61
	Less: Int.Income as per computer		1.34	1.34	1.34	1.34	1.34
	Less: Int.Income as per furniture		0.33	0.33	0.33	0.33	0.33
	Less:Interest on Loan(Staff)/Others		6.12	6.12	6.12	6.12	6.12
	Less:Profit on Sale of FA		0.21	0.21	0.21	0.21	0.21
	Less:Liability written off		450.95	450.95	450.95	450.95	450.95
	Less:LD RECOV.		0.76	0.76	0.76	0.76	0.76
	LESS: Infirm Power		1635.61	1635.61	1635.61	1635.61	1635.61
	Less: Interest on Deposits		0.00	0.00	0.00	0.00	0
	Total Expenses	17646.85	414440.60	414440.60	414440.60	414440.60	414440.60

(Petitioner)

Amount of IDC		274744.26	274744.26	274744.26	274744.26	274744.26
Amount of IEDC		139696.34	139696.34	139696.34	139696.34	139696.34
		414440.60	414440.60	414440.60	414440.60	414440.60

PART-II
FORM-13D

Incidental Expenditure during Construction

Name of the Petitioner: NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
Name of the Generating Station: KAMENG HYDRO ELECTRIC PLANT

Actual expenditure upto 30.06.2009(RCOD)

Sl No.	Parameters	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10(APR TO JUNE)	TOTAL UPTO 30/06/JUNE2009
A	Expenses:											
1	Employees Benefits Expenses	50.16	62.17	226.27	412.92	973.06	1125.83	1582.92	1416.44	3049.41	791.54	9889.48
2	Finance Costs	0	0	0	0	0	0					0.00
3	Water Charges	0	0	0	0	0	0	0	0	0	0	0
4	Communication Expenses	0	0	0	1.814	0.33	0.12336	1.535594	0	0	0.18	3.98
5	Power Charges	0.05	0.20	0.39	1.87	5.49	14.07	87.86	43.55	83.36	0.00	236.925
6	Other Office and Administrative Expenses	4.96	34.48	43.54	75.86	250.69	237.13	384.32	272.47	451.38	73.11	1817.92
7	Others(Please Specify Details)	0.12	11.55	184.32	140.07	746.68	677.20	978.81	1020.89	1762.53	396.37	5918.53
8	Other Pre-Operating Expenses											
B	Total Expenses	55.27	98.37	453.52	632.83	1976.24	2054.16	3015.44	2753.36	5346.67	1261.20	17946.85
	Less: Income from sale of tenders											
	Less: Income from Guest House											
	Less: Income recovered from Contractors											
	Less: IncIncome as per computer											
	Less: InIncome as per furniture											
	Less:Interest on Loan(Staff)/Others											
	Less:Profit on Sale of FA											
	Less:Liability written off											
	LESS: Infirm Power											
	Less:LD RECOV.											
	TOTAL EXPENSES	55.27	98.37	453.52	632.83	1976.24	2054.16	3015.44	2753.36	5346.67	1261.20	17946.85

PART-II
FORM-14

Reconciliation Statement of IDC

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

Name of the Generating Station : KAMENG HYDRO ELECTRIC PLANT

(Amount in lacs)

Year	IDC-Domestic Loan	IDC-Bonds	IDC-Foreign Loan	Financial charges capitalised	ERV treated as BC	Total	Charges to P&L	IDC taken to CWIP	Capitalised out of CWIP	Cumulative IDC in CWIP
	A	B	C	D	E	F=(A+B+C+D+E)	G	H=F-G	I	J=H-I
2006-07	0	108.20	0.00	0.38	0.00	108.58	0.00	108.58	0.00	108.58
2007-08	0	108.35	0.00	6.52	0.00	114.87	0.00	114.87	0.00	114.87
2008-09	754.14	108.35	0.00	0.39	0.00	862.88	0.00	862.88	0.00	862.88
2009-10	2560.56	108.35	0.00	0.38	0.00	2669.29	0.00	2669.29	0.00	2669.29
2010-11	5421.32	108.35	0.00	0.35	0.00	5530.02	0.00	5530.02	0.00	5530.02
2011-12	8844.02	107.91	0.00	0.43	0.00	8952.36	0.00	8952.36	0.00	8952.36
2012-13	12707.31	0	0.00	0	0.00	12707.31	0.00	12707.31	0.00	12707.31
2013-14	16886.30	0	0.00	0.46	0.00	16886.76	0.00	16886.76	0.00	16886.76
2014-15	16973.33	11175.63	0.00	174.70	0.00	28323.66	0.00	28323.66	0.00	28323.66
2015-16	446.92	29553.29	0.00	51.75	0.00	30051.96	0.00	30051.96	0.00	30051.96
2016-17	741.88	31997.33	0.00	14.42	0.00	32753.63	0.00	32753.63	0.00	32753.63
2017-18	1119.55	35065.22	0.00	22.06	0.00	36206.83	0.00	36206.83	0.00	36206.83
2018-19	130.49	39457.97	0.00	36.02	0.00	39624.48	0.00	39624.48	0.00	39624.48
2019-20	3137.93	41937.16	0.00	45.93	0.00	45121.02	0.00	45121.02	0.00	45121.02
2020-21(01.04.20 to 16.06.20)-UNIT-I	1373.29	8734.52	0.00	27.42	0.00	10135.23	0.00	10135.23	0.00	10135.23
2020-21(17.06.20 to 29.06.20)-UNIT-II	49.82	316.84	0.00	0.99	0.00	367.65	0.00	367.65	0.00	367.65
2020-21(30.06.07.20 to 30.09.20)-UNIT-III&IV	289.94	1713.75	0.00	0.83	0.00	2004.52	0.00	2004.52	0.00	2004.52
2020-21-(01.10.20 TO 31.12.20)-UNIT-III&IV	287.05	1534.44	0.00	1.24	0.00	1822.73	0.00	1822.73	0.00	1822.73
2020-21-(01.01.21 TO 21.01.21)-UNIT-III&IV	70.44	333.75	0.00	0.00	0.00	404.19	0.00	404.19	0.00	404.19
2020-21-(22.01.21 TO 11.02.21)-UNIT-IV	16.76	79.51	0.00	0.00	0.00	96.29	0.00	96.29	0.00	96.29
	71811.07	202548.92	0.00	384.26	0.00	274744.26	0.00	274744.26	0.00	274744.26

(Petitioner)

PART-II
FORM-14A

Actual Cash Expenditure

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION
COD:12.02.2021

(Amount in Rs Lakh)

Particulars	2024-25	2025-26	2026-27	2027-28	2028-29
1	5	9	13	17	17
Expenditure towards Gross Block	849645.41	852947.97	852947.97	852947.97	852947.97
Add:expenditure towards CWIP	2881.51	0.00			
Add:Capital Advances,if any.		0.00	0.00	0.00	0.00
Less:Undischarged liabilities (included above)	1223.50	1223.50	1223.50	1223.50	1223.50
Add/Less: Others		0	0	0	0
Payment to contractors / suppliers towads capital assets		0.00	0.00	0.00	0.00
Cummulative payments	**851503.42**	**851724.47**	**851724.47**	**851724.47**	**851724.47**

Note: If there is variation between payment and fund deployment justification need to be furnished

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 : **KAMENG HYDRO ELECTRIC PLANT**

Generating Company ----------

Name of Hydro-electric Generating Station : ----------

Installed Capacity : No of units X MW =

Month		Design Energy * (MUs)	Designed Peaking Capability (MW) *
April	I	64.81	600MW
	II	69.22	
	III	87.715	
May	I	84.44	
	II	100.76	
	III	132.42	
June	I	94.48	
	II	136.80	
	III	136.8	
July	I	136.8	
	II	136.8	
	III	150.48	
August	I	136.8	
	II	136.8	
	III	150.48	
September	I	136.8	
	II	136.8	
	III	136.8	
October	I	136.80	
	II	108.37	
	III	104.99	
November	I	89.22	
	II	75.02	
	III	61.09	
December	I	51.39	
	II	61.99	
	III	51.67	
January	I	47.08	
	II	44.42	
	III	45.10	
February	I	41.76	
	II	41.04	
	III	32.42	
March	I	61.35	
	II	60.98	
	III	72.31	
TOTAL		**3353**	

* As per DPR / TEC of CEA dated ----------

Note :
Specify the number of peaking hours for which station has been designed.

[p9-0

(Petitioner)

PART-II
FORM-15B

Design energy and MW Continuous (month wise) - ROR type stations

Name of the Petitioner : NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
Name of the Generating Station : KAMENG HYDRO POWER STATION
COD:12.02.2021

Generating Company: NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

Name of Hydro-electric Generating Station : KAMENG HYDRO POWER STATION

Installed Capacity : No of units X MW = 4 X 150

Month		Design Energy * (MUs)	**MW Continuous *=168.68 MW**
April	I	64.81	
	II	69.22	
	III	87.72	
May	I	84.44	
	II	100.76	
	III	132.42	
June	I	94.48	
	II	136.80	
	III	136.80	
July	I	136.80	
	II	136.80	
	III	150.48	
August	I	136.80	
	II	136.80	
	III	150.48	
September	I	136.80	
	II	136.80	
	III	136.80	
October	I	136.80	
	II	108.37	
	III	104.99	
November	I	89.22	
	II	75.02	
	III	61.09	
December	I	51.39	
	II	61.99	
	III	51.67	
January	I	47.08	
	II	44.42	
	III	45.10	
February	I	41.76	
	II	41.04	
	III	32.42	
March	I	61.35	
	II	60.98	
	III	72.31	
TOTAL		3353.00	

* As per DPR / TEC of CEA dated ----------

(Petitioner)

PART-II

FORM-16

Statement of Liability Flow

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

Name of the Generating Station : KAMENG HYDRO POWER STATION

COD:12.02.2021

₹ in lakh

Party	Asset / Work	Year of actual capitalisation	Original Liability	Liability as on 31.03.2025	Liability as on 31.03.2026	Liability as on 31.03.2027	Liability as on 31.03.2028	Liability as on 31.03.2029	Discharges 31.03.2025	Discharges 31.03.2026	Discharges 31.03.2027	Discharges 31.03.2028	Discharges 31.03.2029	Reversal 31.03.2025	Reversal 31.03.2026	Reversal 31.03.2027	Reversal 31.03.2028	Reversal 31.03.2029
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
a) For assets eligible for normal RoE																		
GLOCON	Township	3/14/2024	60.53	0.00	0.00	0.00	0.00	0.00	60.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PES-Fitwell JV	Township	3/26/2024	9.77	0.00	0.00	0.00	0.00	0.00	9.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PATEL ENGEENING LTD. I	HRT, TRT, Surge Shaft & Pressure shafts	17.06.2020	534.15	534.15	534.15	534.15	534.15	534.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PATEL ENGEENING LTD. II	HRT, TRT, Surge Shaft & Pressure shafts	17.06.2020	169.73	169.73	169.73	169.73	169.73	169.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PATEL ENGEENING LTD (PKG III)	Power Plant civil works	17.06.2020	12.10	12.10	12.10	12.10	12.10	12.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BHEL(PKG-V)	Plant & Equipment	17.06.2020	126.88	126.88	126.88	126.88	126.88	126.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BHEL(PKG-V)	Plant & Equipment	01.07.2020	126.88	126.88	126.88	126.88	126.88	126.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BHEL(PKG-V)	Plant & Equipment	22.01.2021	126.88	126.88	126.88	126.88	126.88	126.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BHEL(PKG-V)	Plant & Equipment	12.02.2021	126.88	126.88	126.88	126.88	126.88	126.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			1293.80	**1223.50**	**1223.50**	**1223.50**	**1223.50**	**1223.50**	**70.30**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
b) For assets eligible RoE at weighted average rate of interest on loan																		

(Petitioner)

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PART II
FORM 17

Operation & Maintenance Expenses

Incase of Hydro generating station declared under commercial operation on or after 01.04.2019

RS.IN LAKH

	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Total capital expenditure	841220.0033					
R&R expenditure (b)	3872.49					
IDC & IEDC ©	414440.6					
Capital Cost considered for O&M expense (d)=(a)-(b)-©	422906.9133					
First year annualize O&M expense @3. 5% of above (e)=3.5% of (d)	14801.74196					
O&M expense for the period	14801.74196					
O&M expense for next year escalation rate of@ 5.47% of above (f) =(1+5.47%)of	15611.39725	15611.40	16465.34	17365.99	18315.91	19317.80
Additional O&M expenses due to 7th Pay Commission Wage Revision	0	0	0	0	0	0
Additional O&M expenses due to Minimum Wage Revision	0	0	0	0	0	0
Additional O&M expenses due to Goods & Service Tax (GST)	0	0	0	0	0	0

Note:Additional O&M expenses with supporting documents and computations to be provided for respective year of Tariff Period.

Normative O&M expenses is calculated as per Regulation 36(2)(b).

Petitioner





Details of Statutory Charges (If Applicable)

Name of the Petitioner: North Eastern Electric Power Corporation LTD

Name of the Generating Station: KAMENG HYDRO POWER STATION

Sl. No	Particulars	Unit Rate	No of Units	Amount Claimed			
				2024-25	2024-26	2024-27	2024-28
1	Electricity Duty	0	0	0.00	0.00	0.00	0.00
2	Water Cess	0	0	0.00	0.00	0.00	0.00
3	Pollution Control Expenses			0.00	0.00	0.00	0.00

Petitioner

PART II
FORM18

Details of Statutory Charges (If Applicable)

Name of the Petitioner: North Eastern Electric Power Corporation LTD

Name of the Generating Station: KAMENG HYDRO POWER STATION

Sl. No	Particulars	Unit Rate	No of Units	Amount Claimed				
				2024-25	2024-26	2024-27	2024-28	2024-29
1	Electricity Duty	0	0	0.00	0.00	0.00	0.00	0.00
2	Water Cess	0	0	0.00	0.00	0.00	0.00	0.00
3	Pollution Control Expenses			0.00	0.00	0.00	0.00	0.00

Petitioner

अनुबंध | Contract

अनुबंध क्रमांक | Contract No: GEMC-511687734177206
अनुबंध तिथि | Generated Date : 04-Sep-2024
बोली/आरए/पीबीपी संख्या | Bid/RA/PBP No.: GEM/2024/B/5003756

संगठन विवरण | Organisation Details

प्रकार | Type :	Central PSU
मंत्रालय | Ministry :	Ministry of Power
विभाग | Department :	NORTH EASTERN ELECTRIC POWER Corporation Limited
संगठन का नाम | Organisation Name :	NORTH EASTERN ELECTRIC POWER Corporation Limited
कार्यालय क्षेत्र | Office Zone:	Kameng Hydro Power Station

खरीदार विवरण | Buyer Details

पद | Designation :	Deputy General Manager
संपर्क नंबर | Contact No. :	03787-273562-
ईमेल आईडी | Email ID :	indrajitdas@neepco.co.in
जीएसटीआईएन | GSTIN :	12AAACN9991J321
पता | Address :	Kameng Hydro Power Station Kimi, West Kameng, West Kameng, ARUNACHAL PRADESH-790114, India

वित्तीय स्वीकृति विवरण | Financial Approval Detail

आईएफडी सहमति | IFD Concurrence :	No
प्रशासनिक अनुमोदन का पदनाम | Designation of Administrative Approval:	Head of Plant
वित्तीय अनुमोदन का पदनाम | Designation of Financial Approval :	Head of Plant

भुगतान प्राधिकरण विवरण | Paying Authority Details

Role:	PAO
भुगतान का तरीका | Payment Mode:	Internet Banking
पद | Designation :	Deputy Manager Finance
ईमेल आईडी | Email ID :	rahulg@neepco.co.in
जीएसटीआईएन | GSTIN :	-
पता | Address:	Kameng Hydro Power Station Kimi, West Kameng, West Kameng, ARUNACHAL PRADESH-790114, India

विक्रेता विवरण | Seller Details

जेम विक्रेता आईडी | GeM Seller ID :	UK98230008773584
कंपनी का नाम | Company Name :	ARADHANA AGENCY
संपर्क नंबर | Contact No. :	09435107289
ईमेल आईडी | Email ID :	aradhanagroups@yahoo.com
पता | Address :	487/68,487/68,PEERA GRAHI INDUSTRIAL AREA,PEERA GRAHI, West Delhi, DELHI-110087, -
एमआईआई स्थिति | MII Status :	True
एमएसई सत्यापित | MSME verified :	No
एमएसई पंजीकरण संख्या | MSME Registration number :	UDYAM-DL-06-0088289
एमएसई सामाजिक श्रेणी | MSE Social Category :	General
एमएसई लिंग श्रेणी | MSE Gender :	Female
जीएसटीआईएन | GSTIN:	07AGUPA0920B1ZY (R)

*जिसके नाम के पक्ष में GST/TAX इनवॉइस पेश किया जाएगा | GST / Tax invoice to be raised in the name of - Buyer

वितरण निर्देश | Delivery Instructions : NA

उत्पाद विवरण | Product Details

#	आइटम विवरण | Item Description	आइटम विवरण | Ordered Quantity	इकाई | Unit	इकाई मूल्य (INR) | Unit Price (INR)	कर विभाजन (INR) | Tax Bifurcation (INR)	मूल्य (INR में सभी शुल्क और कर सहित) | Price (Inclusive of all Duties and Taxes in INR)
1	उत्पाद का नाम | Product Name : CT PT CVT ANALYSER ब्रांड | Brand : MEGGER ब्रांड प्रकार | Brand Type : Registered Brand कैटलॉग की स्थिति | Catalogue Status: Catalogue not verified by OEM कैसे बेचा जा रहा है | Selling As : Reseller not verified by OEM श्रेणी का नाम और चतुर्थांश | Category Name & Quadrant : CT PT CVT ANALYSER (Q3) मॉडल | Model: MRCT एचएसएन कोड | HSN Code: 9030	1	set	5,895,500	NA	5,895,500
कुल ऑर्डर मूल्य | Total Order Value (in INR)						5,895,500

परेषिती विवरण | Consignee Detail

क्र.सं. | S.No	परेषिती | Consignee	वस्तु | Item	लॉट नंबर | Lot No.	मात्रा | Quantity	डिलिवरी के बाद डिलिवरी शुरू करना है | Delivery Start After	वितरण पूरा कब तक करना है | Delivery To Be Completed By
	पद | Designation :- ईमेल आईडी | Email ID : jayantagayan@neepco.co.in					

1	संपर्क | Contact : - जीएसटीआईएन | GSTIN : - पता | Address : Kameng Hydro Power Station Kimi, West Kameng, West Kameng, ARUNACHAL PRADESH-790114, India	CT PT CVT ANALYSER	-	1	04-Sep-2024	03-Dec-2024

Product Specification for CT PT CVT ANALYSER

विनिर्देश | Specification	उप-विनिर्देश | Sub-Spec	मूल्य | Value
Custom Specification	Custom Specification	Yes

विक्रेता विशिष्टता दस्तावेज़ \| Seller Specification Document:

1. SpecificationDocument1	mkp.gem.gov.in/catalog_data/catalog_support_document/43/68/363/CatalogAttrs/SpecificationDocument/2024/6/22/2024_06_22_13_07_07_mrct_ds_en-pdf_2024-06-22-13-07-09_05e59199ed61d215b820937db08c9551.pdf

खरीदार विशिष्टता दस्तावेज़ \| Buyer Specification Document:

1. SpecificationDocument	mkp.gem.gov.in/catalog_data/catalog_support_document/buyer_documents/7965161/54/78/703/CatalogAttrs/SpecificationDocument/2024/6/1/boq__atc_2024-06-01-13-12-19_5e0b6ee5f12dc8d625efd2c9b1c135f7.pdf

ईपीबीजी विवरण \| ePBG Detail

सलाहकार बैंक | Advisory Bank :	NA
ईपीबीजी प्रतिशत (%) | ePBG Percentage(%):	NA

नियम और शर्तें \| Terms and Conditions

1. General Terms and Conditions-

1.1 This contract is governed by the General Terms and Conditions, conditions stipulated to this Product/Service as provided in the Marketplace.

1.2 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

2. Buyer Added Bid Specific Terms and Conditions-

2.1 *Generic*

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2.2 *Buyer Added Bid Specific ATC*

Buyer Added text based ATC clauses

BOQ & ATC for MEGGER make CT, PT & CVT analyser

1. Scope for supply:

Sl. No.	Description	UOM	Qnty.
1	Supply, site delivery and site demonstration of CT, PT & CVT analyser along with all accessories for testing of 400KV, 132KV, 33KV & 13.8KV instrument transformers i.e. CT, PT & CVT. Model- MRCT, Make- Megger	Lot	1

2. Payment terms: The payment terms are as follows:

2.1 In case of non-submission of Bank Guarantee

The payment term is 90% contract basic value with 100% GST after successful site demonstration. Balance 10% will be released after 90 days post completion of warranty period.

2.2 In case of submission of Bank Guarantee

100% payment with GST after successful site demonstration.

3. Delivery period: Within 3(Three) months from the date of LOI.

4. Bank guarantee: Supplier has to submit bank guarantee on 10% of basic contract value from any nationalized bank as per NEEPCO prescribed format within 15 (Fifteen) days from the date of LOI for release of payment as per Clause No. 2.1.

5. Warranty: 12 months from the date of successful site demonstration.

6. Supplier: The supplier should be either OEM/OEM's authorized dealer/channel partner for NE region having the experienced of supplied similar product to any power utilities within India. In support of the claim, the supplier has to submit order copy along with the bid document.

7. For any bid related query, please email to the following:

a) cnpkahps@rediffmail.com

b) emgkahep@rediffmail.com

नोट: यह सिस्टम जनरेटेड फाइल है। कोई हस्ताक्षर की आवश्यकता नहीं है। इस दस्तावेज का प्रिंट आउट भुगतान/लेनदेन उद्देश्य के लिए मान्य नहीं है।

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.

North Eastern Electric Power Corporation Limited
Maharatna Category-I PSU, A fully Owned Subsidiary of NTPC Ltd.
GM (E/M), C&P
KAMENG HYDRO POWER STATION
KIMI-790114, Arunachal Pradesh, India
Tel. No. ;E-Mail: cnpkahps@neepco.co.in

Purchase Order-3700010939 / Dt : 07.11.2024 Rev.No. 0/07.11.2024

To,

Vendor Name	:	DD Metal Corporation
Vendor Code	:	101551
Address	:	A-17, 1st Floor, GS Road,.
	:	Kamrup(M),Guwahati,781007, Assam, India
Contact No	:	03612457756
Email ID	:	ddmcghy@gmail.com,
PAN No.	:	ACGPD4624F
GSTIN No.	:	18ACGPD4624F2ZW

Sub: 5-wire LT Overhead distribution system for Kimi Power House Village.

Ref: 1) PR. No. :1300003432.
2) Bid/RA/PBP No.:GEM/2024/B/4929522
3) Contract No:GEMC-511687735227999, Dated 24-Aug-2024.

Dear Sir/Madam,

With reference to the above, we are pleased to place this order for "5-wire LT Overhead distribution system" to Kameng Hydro Power Station as per the terms & condition mentioned in GeM order under reference at Sl.no. 2 & 3 above.

S.No	Service Code	Service Des.	Qty.	Unit			Total Price
10		5 Wire Overhead LT Distribution	1.000	AU			3,142,945.56
10.10	20003563	5 Wire Overhead LT Distribution	1.000	LOT	Basic Price	26,63,513.56	26,63,513.56
					IGST %	18.00%	4,79,432.00
					Total		31,42,945.56
					Total Basic Price		26,63,513.56
					Total IGST %		4,79,432.00
					Total PO Val		31,42,945.56

THIRTY ONE LAKH FORTY TWO THOUSAND NINE HUNDRED FORTY FIVE Rupees FIFTY SIX Paise Only

TERMS AND CONDITIONS

1. Scope:

The Scope this contract includes "Site Survey, Supply, Freight & Insurance, loading/unloading, Erection, Testing and Commissioning of "overhead LT 5-Wire Electrical Distribution system for Kimi Power House Village "at 600MW Kameng HPS, Kimi, West Kameng District, Arunachal Pradesh as per the detail given in GeM order,including any other works necessary for completion of the total desired systems.

2. Value:

GeM contract value is Rs. 31,42,946.00 (Rupees Thirty One Lakh Forty Two Thousand Nine Hundred Forty Six) only with all Duties and Taxes.

3. Price Basis:

As per GeM BID (Under reference at Sl. no. 2).

4. Taxes:

As per GeM order (Under reference at Sl. no. 2 & 3).

5. Contract Performance Guarantee/Security Deposit:

Contract Performance Guarantee: Successful bidder has to submit a contract performance guarantee equivalent to 3%

(three percent) of total contract price issued from a Nationalized Bank. The BG shall be valid till 90 days after expiry of warranty period. Prescribed Format for Bank Guarantee shall be provided to the successful bidder after placement of order.

6. Delivery Period/ Completion Time/ Contract Period:

Completion Time:All works under the contract (including supply, erection, testing and commissioning) shall be completed within 3 (three) months from the date of issue of Work Order.

7. Consignee (Storage Location address) /Engineer In-charge:

J. Gayan
Sr. Manager (Store & Spares)
Kameng Hydro Power Station, Kimi, West Kameng
ARUNACHAL PRADESH-790114, India.

8. Payment Terms:

Terms of Payment:
(a) 80% of material cost of each item shall be paid on receipt of the items in good condition at site and on production of GST invoice.
(b) 20% of material cost of each item and 100% of erection, testing and commissioning charges shall be paid on commissioning of the system and on production of GST invoice.

Withholding payment:
(a) The Purchaser may withhold the whole or part of any payment for the work claimed by the Contractor, which in the opinion of the Purchaser, is necessary to protect himself from any loss on account of:
(i) Defective work not remedied.
(ii) Claim filed against the Contractor, if any.
(iii) Any or part of the contract remain unfinished or withholding/ stoppage of work.
(iv) If legal case is instituted by local Government or default of the Contractor.
(b) When grounds for withholding payment are removed, payment of the amount due to the Contractor shall be made by the Purchaser without delay.

9. Paying Authority:

H.O.D. (Finance)
Kameng Hydro Power Station, Kimi, West Kameng
ARUNACHAL PRADESH-790114, India.

10. Guarantee/Warranty:

For a period of 12 (twelve) calendar months from the date of successful commissioning and handover of the system. The contractor shall remain liable for replacement of any defect and/ or rectify any damage / deficiency that may develop or remained undetected in the equipment/ work of his/ her own or those of his/ her subcontractors. Such defects and / or damage shall be repaired or replaced as per decision of the Engineer-in-charge and solely at the cost of the contractor. The replaced defective parts will be returned to contractor at his/ her own
expense, unless otherwise arranged. If, during the period of warranty, any portion of the equipment/ work is found defective and is rectified/ replaced, the provision of this clause shall apply to the portion of equipment so replaced/ rectified until expiry of 12 (twelve) months from the date of such replacement/ rectification.The rectification/ replacement/ repairs shall be done at the shortest possible time to minimize the loss of the Purchaser and as mutually agreed to. If any defects are not remedied within a reasonable period of time, the
Purchaser may proceed to do the work through any other Agency at the Contractor#s risk and expenses, but without prejudice to any other rights which the Purchaser may have against the Contractor.

11. Penalty/Liquidated Damages:

As per GeM order (Under reference at Sl. no. 2 & 3).

12. Jurisdiction of Court:

As per GeM order (Under reference at Sl. no. 2 & 3).

13. Other Terms & Conditions:

Deviation from Bid Document/ Additional Clause:
(a) All bidders are cautioned that the bids containing any deviation from the basic parameters of the bidding specifications are liable for rejection.
(b) If, however, any bidder desires to take some deviation, he shall indicate the same in the #Schedule of Deviation#.
(c) Acceptability / non-acceptability of the deviations, if any, shall be judged by the Corporation. The decision of the Corporation in this respect shall be final and binding.Unless deviations are recorded in the Deviation Sheet and submitted with offer, it will be construed that the offer is in conformity with the specification.

Variation in Quantity:
(a) The Purchaser reserves the right to vary the quantities of items to be ordered as specified in the accompanying Technical specification as may be necessary during the execution of the contract. However,
such variations unless otherwise specified in the accompanying technical specifications, shall not be subject to any limitations for individual items or group of items.
(b) The contract price, based on the unit rates available in the contract, shall be adjusted for the change in quantities as above. The base unit rates as identified in the contract shall however remain constant during the currency of the contract.

Amendments to Bid Documents:
The Purchaser reserves the right to issue any amendments to the Technical-Commercial specification.

Engineer In Charge: HOD, PEMW, Kameng Hydro Power Station, NEEPCO Ltd, Kimi or his authorized representative shall be the Engineer-In-Charge for the works.

Assignment & Subletting of Contract:
The Contractor shall not assign or sublet the Contract or any part thereof to any other vendors / Sub-Contractors.

Extra Work:
Extra items of work shall not vitiate the Contract. The Contractor shall have to execute such items of work which,in the opinion of the Engineer-in-Charge, is unavoidable for proper execution of the work and for performance of the plant.If the analogous rates of such works are available in the Contract, payment for such work will be made at those
rates. If, however, the rates of such work are not available in the Bill of Quantities of the Contract Agreement,these will be determined as per the following procedure:
(a) Cost of materials including transportation
(b) Cost of labour as per Govt. approved labour rates prevailing in the State for skilled, unskilled labourer.
(c) Charges for Equipment and other essential accessories etc. to be deployed
(d) Overhead at the rate of 10% (ten) on (a+b+c)
(e) 10% (ten) profit on a+b+c
(f) Total Charges payable = (a+b+c+d+e)

14. Attachment:

GeM BID & Contract documents.

Thanking you,
Yours faithfully,

(Signature)

Name : S. S. Bhattacharyya
Designation : General Manager (Tech)
Mobile : NIL
Email ID : cnpkahps@neepco.co.in

North Eastern Electric Power Corporation Limited
GM (E/M), C&P
KAMENG HYDRO POWER STATION
KIMI-790114, Arunachal Pradesh, India
Tel. No. ;E-Mail: cnpkahps@neepco.co.in

Service Details

Line Item	Service Code	Service Des.	Qty.	UOM	Plant
10.10	20003563	SERVICE LONG TEXT: 5 Wire Overhead LT Distribution	1.000	LOT	KAMHEP

North Eastern Electric Power Corporation Limited
Miniratna: Category-I PSU, A fully Owned Subsidiary of NTPC Ltd.
GM (E/M), C&P
KAMENG HYDRO POWER STATION
KIMI-790114, Arunachal Pradesh, India
Tel. No. ;E-Mail: cnpkahps@neepco.co.in

Purchase Order-3700010855 / Dt : 26.10.2024 Rev.No. 0/26.10.2024

To,
Vendor Name : DD Metal Corporation
Vendor Code : 101551
Address : A-17, 1st Floor, GS Road,,
: Kamrup(M),Guwahati,781007, Assam, India
Contact No : 03612457756
Email ID : ddmcghy@gmail.com,
PAN No. : ACGPD4624F
GSTIN No. : 18ACGPD4624F2ZW

Sub: Overhead LT 4-Wire Electrical Distribution Network for Central Store area and adjacent buildings"at 600 MW Kameng HPS, Kimi, West Kameng District, Arunachal Pradesh

Ref: 1) PR. No. : 1300003433
2) Bid/RA/PBP No.: GEM/2024/B/4924009
3) Contract No: GEMC-511687701859669, Dated 24-Aug-2024

Dear Sir/Madam,
With reference to the above, we are pleased to place this order for "Site Survey, Supply, Freight & Insurance, loading/unloading, Erection, Testing and Commissioning of "overhead LT 4-Wire ElectricalDistribution Network for Central Store area and adjacent buildings" to Kameng Hydro Power Station as per the terms & condition mentioned in GeM order under reference at Sl.no. 2 & 3 above.

S No	Service Code	Service Des.	Qty	Unit			Total Price
10		4 Wire Overhead LT Distribution	1.000	AU			1,056,795.84
10 10	20003564	4 Wire Overhead LT Distribution	1.000	LOT	Basic Price	8,95,589.84	8,95,589.84
					IGST %	18.00%	1,61,206.00
					Total		10,56,795.84
					Total Basic Price		8,95,589.84
					Total IGST %		1,61,206.00
					Total PO Val.		10,56,795.84

TEN LAKH FIFTY SIX THOUSAND SEVEN HUNDRED NINETY FIVE Rupees EIGHTY FOUR Paise Only

TERMS AND CONDITIONS

1. Scope:

The Scope this contract includes "Site Survey, Supply, Freight & Insurance, loading/unloading, Erection, Testing and Commissioning of "overhead LT 4-Wire Electrical Distribution Network for Central Store area and adjacent buildings"at 600 MW Kameng HPS, Kimi, West Kameng District, Arunachal Pradesh as per the detail given in GeM order.

2. Value

GeM contract value is Rs. 10,56,796.00 (Rupees Ten Lakh Fifty Six Thousand Seven Hundred Ninety Six) only Inclusive of all Duties and Taxes.

3. Price Basis:

As per GeM BID (Under reference at Sl. no. 2).

4. Taxes:

As per GeM order (Under reference at Sl. no. 2 & 3).

5. Contract Performance Guarantee/Security Deposit:

Successful bidder has to submit a contract performance guarantee equivalent to 3% (three percent) of total contract price issued from a Nationalized Bank. The BG shall be valid till 90 days after expiry of warranty period. Prescribed Format for Bank Guarantee shall be provided to the successful bidder after placement of order.

6. Delivery Period/ Completion Time/ Contract Period:

All works under the contract (including supply, erection, testing and commissioning) shall be completed within 3 three) months from the date of issue of Work Order.

7. Consignee (Storage Location address) /Engineer In-charge:

J. Gayan
Sr. Manager (Store & Spares)
Kameng Hydro Power Station, Kimi, West Kameng
ARUNACHAL PRADESH-790114, India.

8. Payment Terms:

Terms of Payment:
(a) 80% of material cost of each item shall be paid on receipt of the items in good condition at site and on production of GST invoice.
(b) 20% of material cost of each item and 100% of erection, testing and commissioning charges shall be paid on commissioning of the system and on production of GST invoice

Withholding payment:
(a) The Purchaser may withhold the whole or part of any payment for the work claimed by the Contractor, which in the opinion of the Purchaser, is necessary to protect himself from any loss on account of:
(i) Defective work not remedied.
(ii) Claim filed against the Contractor, if any.
(iii) Any or part of the contract remain unfinished or withholding/ stoppage of work.
(iv) If legal case is instituted by local Government or default of the Contractor.
(b) When grounds for withholding payment are removed, payment of the amount due to the Contractor shall be made by the Purchaser without delay.

9. Paying Authority:

H.O.D. (Finance)
Kameng Hydro Power Station, Kimi, West Kameng
ARUNACHAL PRADESH-790114, India.

10. Guarantee/Warranty:

Warranty:
For a period of 12 (twelve) calendar months from the date of successful commissioning and handover of the system. The contractor shall remain liable for replacement of any defect and/ or rectify any damage / deficiency that may develop or remained undetected in the equipment/ work of his/ her own or those of his/ her subcontractors.Such defects and / or damage shall be repaired or replaced as per decision of the Engineer-in-charge and solely at the cost of the contractor. The replaced defective parts will be returned to contractor at his/ her own
expense, unless otherwise arranged. If, during the period of warranty, any portion of the equipment/ work is found defective and is rectified/ replaced, the provision of this clause shall apply to the portion of equipment so replaced/ rectified until expiry of 12 (twelve) months from the date of such replacement/ rectification.The rectification/ replacement/ repairs shall be done at the shortest possible time to minimize the loss of the Purchaser and as mutually agreed to. If any defects are not remedied within a reasonable period of time, the
Purchaser may proceed to do the work through any other Agency at the Contractor#s risk and expenses, but without prejudice to any other rights which the Purchaser may have against the Contractor.

11. Penalty/Liquidated Damages:

As per GoM order (Under reference at Sl. no. 2 & 3).

12. Jurisdiction of Court:

As per GeM order (Under reference at Sl. no. 2 & 3).

13. Other Terms & Conditions:

Deviation from Bid Document/ Additional Clause:
(a) All bidders are cautioned that the bids containing any deviation from the basic parameters of the bidding specifications are liable for rejection.
(b) If, however, any bidder desires to take some deviation, he shall indicate the same in the #Schedule of Deviation#.
(c) Acceptability / non-acceptability of the deviations, if any, shall be judged by the Corporation. The decision of the Corporation in this respect shall be final and binding.
Unless deviations are recorded in the Deviation Sheet and submitted with offer, it will be construed that the offer is in conformity with the specification.

Variation in Quantity:
(a) The Purchaser reserves the right to vary the quantities of items to be ordered as specified in the accompanying Technical specification as may be necessary during the execution of the contract. However,such variations unless otherwise specified in the accompanying technical specifications, shall not be subject to any limitations for individual items or group of items.
(b) The contract price, based on the unit rates available in the contract, shall be adjusted for the change in quantities as above. The base unit rates as identified in the contract shall however remain constant during the currency of the contract.

Amendments to Bid Documents:
The Purchaser reserves the right to issue any amendments to the Technical -Commercial specification.

Assignment & Subletting of Contract:
(a) The Contractor shall not assign or sublet the Contract or any part thereof to other than those vendors/Sub-Contractors already identified / qualified / approved in the Contract. However, under compelling circumstances, the Contractor may after informing the Engineer and after getting his prior written approval,assign or sublet the Contract or any part thereof provided that such assignment shall not relieve the Contractor from any of his obligations, duties and responsibilities under the Contract.
(b) In case of items where Sub-Contractors/ vendors have not been identified, the Contractor shall assign or sublet the Contract or any part thereof only after informing the Engineer-in-Charge and after getting his prior written approval. For the purpose of approval, the Contractor shall submit the experience list of the Sub- Contractors/ vendors under consideration by the Contractor to the Engineer-in-Charge along with other requirements/ particulars desired by the Engineer-in-Charge.

Extra Work:
Extra items of work shall not vitiate the Contract. The Contractor shall have to execute such items of work which,in the opinion of the Engineer-in-Charge, is unavoidable for proper execution of the work and for performance of the plant. If the analogous rates of such works are available in the Contract, payment for such work will be made at those rates. If, however, the rates of such work are not available in the Bill of Quantities of the Contract Agreement,these will be determined as per the following procedure:
(a) Cost of materials including transportation
(b) Cost of labour as per Govt. approved labour rates prevailing in the State for skilled, unskilled labourer.
(c) Charges for Equipment and other essential accessories etc. to be deployed
(d) Overhead at the rate of 10% (ten) on (a+b+c)
(e) 10% (ten) profit on a+b+c
(f) Total Charges payable = (a+b+c+d+e)

14. Attachment:

GeM BID & Contract documents.

Thanking you,
Yours faithfully,

(Signature)

Name : S. S. Bhattacharyya
Designation : General Manager (Tech)
Mobile : NIL
Email ID : cmpkahps6@neepco.co.in

North Eastern Electric Power Corporation Limited
GM (E/M), C&P
KAMENG HYDRO POWER STATION
KIMI-790114, Arunachal Pradesh, India
Tel. No. ;E-Mail: cnpkahps@neepco.co.in

Service Details

Line Item	Service Code	Service Des.	Qty.	UOM	Plant
10 10	20003564	SERVICE LONG TEXT: 4 Wire Overhead LT Distribution	1.000	LOT	KAMHEP

अनुबंध | Contract

अनुबंध क्रमांक | Contract No: GEMC-511687736905665

अनुबंध तिथि | Generated Date : 24-Aug-2024

बोली/आरए/पीबीपी संख्या | Bid/RA/PBP No.: GEM/2024/B/5003839

संगठन विवरण | Organisation Details

प्रकार | Type :	Central PSU
मंत्रालय | Ministry :	Ministry of Power
विभाग | Department :	NORTH EASTERN ELECTRIC POWER Corporation Limited
संगठन का नाम | Organisation Name :	NORTH EASTERN ELECTRIC POWER Corporation Limited
कार्यालय क्षेत्र | Office Zone:	Kameng Hydro Power Station

खरीदार विवरण | Buyer Details

पद | Designation :	Deputy General Manager
संपर्क नंबर | Contact No. :	03787-273562-
ईमेल आईडी | Email ID :	indrajitdas@neepco.co.in
जीएसटीआईएन | GSTIN :	12AAACN9991J3Z1
पता | Address :	Kameng Hydro Power Station Kimi, West Kameng, WEST KAMENG, ARUNACHAL PRADESH-790114, India

वित्तीय स्वीकृति विवरण | Financial Approval Detail

आईएफडी सहमति | IFD Concurrence :	No
प्रशासनिक अनुमोदन का पदनाम | Designation of Administrative Approval:	Head of Plant
वित्तीय अनुमोदन का पदनाम | Designation of Financial Approval :	Head of Plant

भुगतान प्राधिकरण विवरण | Paying Authority Details

Role:	PAO
भुगतान का तरीका | Payment Mode:	Internet Banking
पद | Designation :	Deputy Manager Finance
ईमेल आईडी | Email ID :	rahulg@neepco.co.in
जीएसटीआईएन | GSTIN :	-
पता | Address:	Kameng Hydro Power Station Kimi, West Kameng, West Kameng, ARUNACHAL PRADESH-790114, India

विक्रेता विवरण | Seller Details

जेम विक्रेता आईडी | GeM Seller ID :	CWMS230008170510
कंपनी का नाम | Company Name :	HBS RADIANCE
संपर्क नंबर | Contact No. :	08638584516
ईमेल आईडी | Email ID :	hbsradiance@gmail.com
पता | Address :	HN 36,BHAGADUTTAPUR,KAHILIPARA, Kamrup, ASSAM-781036, -
एमआईआई स्थिति | MII Status :	True
एमएसएमई सत्यापित | MSME verified :	No
एमएसएमई पंजीकरण संख्या | MSME Registration number :	UDYAM-AS-03-0003899
एमएसई सामाजिक श्रेणी | MSE Social Category :	General
एमएसई लिंग श्रेणी | MSE Gender :	Female
जीएसटीआईएन | GSTIN:	18DGVPS2616Q1Z9 (R)

*जिसके नाम के पक्ष में GST/TAX इनवॉइस पेश किया जाएगा | GST / Tax invoice to be raised in the name of - Buyer

वितरण निर्देश | Delivery Instructions : NA

उत्पाद विवरण | Product Details

#	आइटम विवरण | Item Description	आइटम विवरण | Ordered Quantity	इकाई | Unit	इकाई मूल्य (INR) | Unit Price (INR)	कर विभाजन (INR) | Tax Bifurcation (INR)	मूल्य (INR में सभी शुल्क और कर सहित) | Price (Inclusive of all Duties and Taxes in INR)
1	उत्पाद का नाम | Product Name : Transformer turns ratio meter alongwith access ories for transformers & ICTs upto 400KV ब्रांड | Brand : SCOPE ब्रांड प्रकार | Brand Type : Registered Brand कैटलॉग की स्थिति | Catalogue Status: Catalogue not verified by OEM बेचे जाने वाला पद्धति | Selling As : Reseller not verified by OEM श्रेणी का नाम और चतुर्थांश | Category Name & Quadrant : Transformer turns ratio meter alongwith access ories for transformers & ICTs upto 400KV (Q3) मॉडल | Model: TTRM 302 एचएसएन कोड | HSN Code: HSN not specified by seller	1	set	941,640	NA	941,640
2	उत्पाद का नाम | Product Name : Contact resistance meter alongwith accessories for CB, Isolator upto 400KV ब्रांड | Brand : SCOPE ब्रांड प्रकार | Brand Type : Registered Brand कैटलॉग की स्थिति | Catalogue Status: Catalogue not verified by OEM बेचे जाने वाला पद्धति | Selling As : Reseller not verified by OEM श्रेणी का नाम और चतुर्थांश | Category Name & Quadrant : Contact resistance meter alongwith accessories for CB, Isolator upto 400KV (Q3) मॉडल | Model: CRM 200B+ एचएसएन कोड | HSN Code: HSN not specified by seller	1	set	656,670	NA	656,670
3	उत्पाद का नाम | Product Name : CT polarity tester alongwith accessories for indo or & outdoor CTs upto 5000A rating and upto 40 0KV					

3	ब्रांड|Brand : SCOPE ब्रांड प्रकार|Brand Type : Registered Brand कैटलॉग की स्थिति|Catalogue Status: Catalogue not verified by OEM बेचे जा रहा है|Selling As : Reseller not verified by OEM श्रेणी का नाम और चतुर्थांश|Category Name & Quadrant : CT polarity tester alongwith accessories for indo or & outdoor CTs upto 5000A rating and upto 40 0KV (Q3) मॉडल|Model: DIR CT एचएसएन कोड|HSN Code: HSN not specified by seller	1	set	56,994	NA	56,994
कुल ऑर्डर मूल्य |Total Order Value (in INR)						1,655,304

परेषिती विवरण\|Consignee Detail

क्र.सं.|S.No	परेषिती|Consignee	वस्तु|Item	लॉट नंबर|Lot No.	मात्रा|Quantity	दिनांक के बाद डिलिवरी शुरू करना है|Delivery Start After	डिलिवरी पूरा कब तक करना है|Delivery To Be Completed By
1	पद| Designation : - ईमेल आईडी|Email ID : jayantagayan@neepco.co.in संपर्क|Contact : - जीएसटीआईएन|GSTIN : - पता|Address : Kameng Hydro Power Station Kimi, West Kameng, WEST KAMENG, ARUNACHAL PRADESH-790114, India	Transformer turns ratio meter alongwith access ories for transformers & ICTs upto 400KV	-	1	24-Aug-2024	22-Nov-2024
		Contact resistance meter alongwith accessories for CB, isolator upto 400KV	-	1	24-Aug-2024	22-Nov-2024
		CT polarity tester alongwith accessories for indo or & outdoor CTs upto 5000A rating and upto 40 0KV	-	1	24-Aug-2024	22-Nov-2024

Product Specification for Transformer turns ratio meter alongwith access ories for transformers & ICTs upto 400KV

विनिर्देश|Specification	उप-विनिर्देश|Sub-Spec	मूल्य|Value
Custom Specification	Custom Specification	Yes

विक्रेता विशिष्टता दस्तावेज़\|Seller Specification Document:

1. SpecificationDocument1	mkp.gem.gov.in/catalog_data/catalog_support_document/53/01/385/CatalogAttrs/SpecificationDocument/2024/6/18/2024_06_18_07_02_23_capture_2024-06-18-07-02-30_70fd2ac8a628579108489 2b58239d03a.pdf

खरीदार विशिष्टता दस्तावेज़\|Buyer Specification Document:

1. SpecificationDocument	mkp.gem.gov.in/catalog_data/catalog_support_document/buyer_documents/7965161/54/78/703/CatalogAttrs/SpecificationDocument/2024/6/1/boq__atc_2024-06-01-13-01-23_86cc82c2f244260c086c3214d9b7683 2.pdf

Product Specification for Contact resistance meter alongwith accessories for CB, isolator upto 400KV

विनिर्देश|Specification	उप-विनिर्देश|Sub-Spec	मूल्य|Value
Custom Specification	Custom Specification	Yes

विक्रेता विशिष्टता दस्तावेज़\|Seller Specification Document:

1. SpecificationDocument1	mkp.gem.gov.in/catalog_data/catalog_support_document/53/01/385/CatalogAttrs/SpecificationDocument/2024/6/18/2024_06_18_07_04_43_capture_2024-06-18-07-04-45_129640fe3a42af73478594357 8c634b4.pdf

खरीदार विशिष्टता दस्तावेज़\|Buyer Specification Document:

1. SpecificationDocument	mkp.gem.gov.in/catalog_data/catalog_support_document/buyer_documents/7965161/54/78/703/CatalogAttrs/SpecificationDocument/2024/6/1/boq__atc_2024-06-01-13-04-23_86cbcfcd337448dadcffa656f9047b9e 6.pdf

Product Specification for CT polarity tester alongwith accessories for indo or & outdoor CTs upto 5000A rating and upto 40 0KV

विनिर्देश|Specification	उप-विनिर्देश|Sub-Spec	मूल्य|Value
Custom Specification	Custom Specification	Yes

विक्रेता विशिष्टता दस्तावेज़ | Seller Specification Document:	
1. SpecificationDocument1	mkp.gem.gov.in/catalog_data/catalog_support_document/53/01/385/CatalogAttrs/SpecificationDocument/2024/6/18/2024_06_18_07_06_28_capture_2024-06-18-07-06-30_cbe852ae0dc177bf92cde5407eeb8900.pdf
खरीदार विशिष्टता दस्तावेज़ | Buyer Specification Document:	
1. SpecificationDocument	mkp.gem.gov.in/catalog_data/catalog_support_document/buyer_documents/7965161/54/78/703/CatalogAttrs/SpecificationDocument/2024/6/1/boq__atc_2024-06-01-13-07-17_b59aab12c50f015896b2e51aa67adb973.pdf

शुद्धिपत्र \| Corrigendum

1. तक बढ़ाया गया \| Extended Upto : 2024-06-29 12:00:00

ईपीबीजी विवरण \| ePBG Detail

सलाहकार बैंक | Advisory Bank :	NA
ईपीबीजी प्रतिशत (%) | ePBG Percentage(%):	NA

निबंध और शर्तें \| Terms and Conditions

1. General Terms and Conditions-

1.1 This contract is governed by the General Terms and Conditions, conditions stipulated to this Product/Service as provided in the Marketplace.

1.2 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

2. Buyer Added Bid Specific Terms and Conditions-

2.1 *Generic*

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2.2 *Buyer Added Bid Specific ATC*:

Buyer Added text based ATC clauses

BOQ & ATC for M/s SCOPE T&M make testing kits

1. **Scope for supply:**

Sl. No.	Description	UOM	Qnty.
1	Transformer turns ratio meter alongwith accessories for transformers & ICTs upto 400KV. Model- TTRM 302, Make- SCOPE	Nos.	1
2	Contact resistance meter alongwith accessories for CB, isolator upto 400KV. Model CRM 200B+. Make- SCOPE	Nos.	1
3	CT polarity tester alongwith accessories for indoor & outdoor CTs upto 5000A rating and upto 400KV system. Model- DIR CT. Make-SCOPE	Nos.	1

2. Detail Scope: The scope is inclusive of supply, P&F, freight, transportation, delivery and site demonstration of each equipment.

3. Payment terms: The payment terms 100% with GST after site demonstration. Part supply part payment will be allowed against each equipment on completion of site demonstration.

4. Delivery period: Delivery period for entire material is 3(Three) months from the date of LOI.

5. Warranty: 12 months from the date of site demonstration against each equipment.

6. Supplier: The supplier should be OEM's authorized dealer/channel partner/bid specific authorization.

7. Credentials: The supplier should have experienced of supplying M/s SCOPE T&M Pvt. Ltd. product to any power utilities within India. In support of the claim, the P.O. copy has to be attached with bid documents.

8. For any bid related query, please email to the following:

a) cnpkahps@rediffmail.com

b) emgkahep@rediffmail.com

नोट: यह सिस्टम जनरेटेड पत्रक है। कोई हस्ताक्षर की आवश्यकता नहीं है। इस दस्तावेज का प्रिंट आउट भुगतान/लेनदेन उद्देश्य के लिए मान्य नहीं है।

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.

अनुबंध | Contract

अनुबंध क्रमांक | Contract No: GEMC-511687739494261
अनुबंध तिथि | Generated Date : 28-Feb-2024
बोली/आरए/पीबीपी संख्या | Bid/RA/PBP No.: GEM/2023/B/3610161

संगठन विवरण | Organisation Details

प्रकार | Type :	Central PSU
मंत्रालय | Ministry :	Ministry of Power
विभाग | Department :	NORTH EASTERN ELECTRIC POWER Corporation Limited
संगठन का नाम | Organisation Name :	NORTH EASTERN ELECTRIC POWER Corporation Limited
कार्यालय क्षेत्र | Office Zone:	Kameng Hydro Power Station

खरीदार विवरण | Buyer Details

पद | Designation :	Deputy General Manager
संपर्क नंबर | Contact No. :	03787-273562-
ईमेल आईडी | Email ID :	indrajitdas@neepco.co.in
जीएसटीआईएन | GSTIN :	12AAACN9991J3Z1
पता | Address :	Kameng Hydro Power Station Kimi, West Kameng, WEST KAMENG, ARUNACHAL PRADESH-790114, India

वित्तीय स्वीकृति विवरण | Financial Approval Detail

आईएफडी सहमति | IFD Concurrence :	No
प्रशासनिक अनुमोदन का पदनाम | Designation of Administrative Approval:	Head of Plant
वित्तीय अनुमोदन का पदनाम | Designation of Financial Approval :	Head of Plant

भुगतान प्राधिकरण विवरण | Paying Authority Details

Role:	PAO
भुगतान का तरीका | Payment Mode:	Internet Banking
पद | Designation :	Deputy General Manager Finance
ईमेल आईडी | Email ID :	sidhidey@neepco.co.in
जीएसटीआईएन | GSTIN :	-
पता | Address:	Kameng Hydro Power Station Kimi, West Kameng, West Kameng, ARUNACHAL PRADESH-790114, India

विक्रेता विवरण | Seller Details

जेम विक्रेता आईडी | GeM Seller ID :	CWMS230008170510
कंपनी का नाम | Company Name :	HBS RADIANCE
संपर्क नंबर | Contact No. :	08638584516
ईमेल आईडी | Email ID :	hbsradiance@gmail.com
पता | Address :	HN 36,BHAGADUTTAPUR,KAHILIPARA, Kamrup, ASSAM-781036, -
एमआईआई स्थिति | MII Status :	True
एमएसई सत्यापित | MSME verified :	No
एमएसई पंजीकरण संख्या | MSME Registration number :	UDYAM-AS-03-0003899
एमएसई सामाजिक श्रेणी | MSE Social Category :	General
एमएसई लिंग श्रेणी | MSE Gender :	Female
जीएसटीआईएन | GSTIN:	18DGVPS2616Q1Z9

*जिसके नाम के पक्ष में GST/TAX इनवॉइस पेश किया जाएगा | GST / Tax invoice to be raised in the name of - Consignee

वितरण निर्देश | Delivery Instructions : NA

उत्पाद विवरण | Product Details

#	आइटम विवरण | Item Description	आइटम विवरण | Ordered Quantity	इकाई | Unit	इकाई मूल्य (INR) | Unit Price (INR)	कर विभाजन (INR) | Tax Bifurcation (INR)	मूल्य (INR में सभी शुल्क और कर सहित) | Price (Inclusive of all Duties and Taxes in INR)
1	उत्पाद का नाम | Product Name : SCOPE T&M Leakage Current Meter/Analyser for Surge Arrester, Warranty 1 year ब्रांड | Brand : SCOPE T&M ब्रांड प्रकार | Brand Type : Registered Brand कैटलॉग की स्थिति | Catalogue Status: OEM verified catalogue बेचने के रूप में बेचा जा रहा है | Selling As : OEM verified Reseller श्रेणी का नाम और चतुर्थांश | Category Name & Quadrant : Leakage Current Meter / Analyser for Surge Arrester (Q2) मॉडल | Model: SA 30i एचएसएन कोड | HSN Code: HSN not specified by seller	1	pieces	1,542,024	NA	1,542,024
कुल ऑर्डर मूल्य | Total Order Value (in INR)						1,542,024

परेषिती विवरण | Consignee Detail

क्र.सं. | S.No	परेषिती | Consignee	वस्तु | Item	लॉट नंबर | Lot No.	मात्रा | Quantity	डिलीवरी शुरू करना है | Delivery Start After	वितरण पूरा कब तक करना है | Delivery To Be Completed By

1	पद| Designation : - ईमेल आईडी| Email ID : jayantagayan@neepco.co.in संपर्क| Contact : - जीएसटीआईएन| GSTIN : - पता|Address : Kameng Hydro Power Station Kimi, West Kameng, WEST KAMENG, ARUNACHAL PRADESH-790114, India	SCOPE T&M Leakage Current Meter/Analyser for Surge Arrester, Warranty 1 year	-	1	28-Feb-2024	29-Mar-2024

Product Specification for SCOPE T&M Leakage Current Meter/Analyser for Surge Arrester, Warranty 1 year

निर्दिष्ट|Specification	उप-निर्दिष्ट|Sub-Spec	मूल्य|Value
Generic	On-line Leakage Current Monitor complying to	82 Method of IEC 60099-5 Edition-1.1
	Principle of Measurement	3rd Harmonic Resistive Current with compensation for harmonics in system voltages
	Item	Leakage Current Analyser
Technical Specifications	Battery Backup, Min	15 hour
	Memory	Storage capacity of 2000 results
	Resolution	1 µA
	Field Probe Current Range	10 µA to 1 mA
	Printer	58mm Inbuilt Thermal Printer
	Accuracy	Value +/- 5% +/- 1 µA
	IP Protection	IP 54 (Open Lid)
	Mains Supply	88 to 264 VAC, 47 to 63 Hz, Single Phase
	Total Leakage Current Range	100 µA to 10 mA
	PC Connectivity	Through USB Port
	Internal Battery - Main Unit	11.1 V / 2200mAh Internal Rechargeable battery
	Charging Time	3 hour
	Display	4 line x 20 character large backlit LCD with large font
	Resistive Leakage Current Range	1 µA to 10 mA
	Wireless Clamp on CT and Field Probe	No
	Inputs	External Clamp-on CT,Field Probe,Optional External PT Input (110V AC)
	Self-calibration Check	Available
	Temperature Sensor	Inbuilt Platinum Resistance Thermometer with measurement range of -20 deg C to 55 deg C
	Internal Battery - Field Probe Unit	11.1 V / 1150 mAh Rechargeable Battery
	Internal Battery - CT Unit	11.1 V / 1150 mAh Rechargeable Battery
	Power	Battery as well as mains supply
	Compensation	Automatic for System Harmonics, Temperature & System Voltage
Additional Information	Features	USB communication port to transfer data to PC and Windows based PC Downloading & Analysis Software,Facility of extending CT & Field Probe signal to external oscilloscope,Facility for testing of GIS LAs available optionally,Simple, lightweight and portable,Suitable for in-service/online measurements of the 3rd harmonic resistive leakage current of gapless metal oxide surge arresters (MOSA) in Live switchyard up to 765KV,Alarm and cut off features against short circuit, overload, overvoltage, improper ground connection and transient surges,Inbuilt cooling arrangements
	All the accessories including Probes and Connecting Leads should be properly screened to nullify the effect of interference of Switchyard	Yes
	Accessories	Specially designed low noise, Clamp-on CT,Field probe with coaxial cable to compensate for harmonics in system voltage,Current probe with cables and built in temperature sensor,Telescope rod of fiber glass for mounting the field probe at the base of the LA,Transport case for housing all the accessories and transportation,Earthing wire for the main instrument,THERMAL PAPER ROLL (10 no.),Field probe mounting bracket for installation,Test Lead Set, suitable for testing EHV class Surge Arresters,External instrument battry charger,SAData PC Downloading & Analysis Software on CD,Data cable (USB and RJ 45) for connection of the kit to a PC,Large size low noise Clamp on CT,Field PT Accessories for measurement with Voltage Peak Method,Power Cable,Wired Clamp on CT and Field Probe (No Wireless),Calibration Probe
	Carrying Case	Suitable hard carrying case
	Operating Temperature	0 deg C to 55 deg C

Environmental Factors	Relative Humidity	Upto 95% RH (Non condensing)
Dimensions	Length	220 millimeter
	Weight	1 kilogram
	Height	80 millimeter
	Width	155 millimeter
Warranty/Service	User Manual in English shall be supplied with delivery	Yes
	Supplier shall have adequate After Sales Services facility in India	Yes
	If the kit needs to be shifted to suppliers works for repairs within warranty/guarantee period, suppliers will have to bear the cost of spares, software, transportation of kit for repair at test lab or works	Yes
	Warranty	1 year
	All the materials including accessories, cables etc. shall be covered under this warranty/guarantee period	Yes
Certifications and Standards	Certification number and date	9910020156
	Manufacturer quality certification	ISO
	Type Testing	As per IEC 60068 / IS 9000 for Dry Heat, Damp Heat, Change of Temperature, Bump, Vibration and Mechanical Shock
	Certification of products	CE
	EMI/EMC standards	EMC Directive: 2014/30/EU,Standard: EN61326-1:2013
	ISO Certification number and date	9910020156
Certificatins and Standards	Safety Standards	Low Voltage Directive: 2014/35/EU,Standard: EN 61010-1:2010 (3rd Ed.)
Reports	Copies of all certificates and test reports to be furnished to buyer on demand at time of supplies	Yes
	Availability of test reports and calibration certificates to prove conformity of products to the specification	NABL Accredited Lab

शुद्धिपत्र | Corrigendum

1. GeM-Bidding-Corr-4942840-1.pdf यहां क्लिक करें | click here
2. अंतिम बढ़ाया गया | Extended Upto : 2023-07-26 14:00:00
3. अंतिम बढ़ाया गया | Extended Upto : 2023-07-31 09:00:00

ईपीबीजी विवरण | ePBG Detail

सलाहकार बैंक	Advisory Bank :	NA
ईपीबीजी प्रतिशत (%)	ePBG Percentage(%):	NA

नियम और शर्तें | Terms and Conditions

1. General Terms and Conditions-

1.1 This contract is governed by the General Terms and Conditions, conditions stipulated to this Product/Service as provided in the Marketplace.

1.2 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

2. Buyer Added Bid Specific Terms and Conditions-

2.1 *Generic*
OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2.2 *Generic*
Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

2.3 *Scope of Supply:*
Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

2.4 *Buyer Added Bid Specific ATC:*
Buyer Added text based ATC clauses

1. Bidder other than authorised dealer of OEM has to submit authorisation letter from OEM to participate in the bid.

2. Authorised dealer of SCOPE T&M Pvt Ltd shall be given preference.

3. 100% payment shall be released after successful delivery and demonstration of the product at site.

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2.5 *Buyer Added Bid Specific ATC:*
Buyer uploaded ATC document Click here to view the file.

नोट: यह सिस्टम जनरेटेड फाइल है। कोई हस्ताक्षर की आवश्यकता नहीं है। इस दस्तावेज का प्रिंट आउट भुगतान/लेनदेन उद्देश्य के लिए मान्य नहीं है।

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.

Contract | अनुबंध

Contract No | अनुबंध क्रमांक: GEMC-511687713679296

Generated Date | अनुबंध तिथि: 15-Dec-2023

Bid/RA/PBP No. | बोली/आरए/पीबीपी संख्या: GEM/2023/B/4031039

Organisation Details | संगठन विवरण

Type | प्रकार :	Central PSU
Ministry | मंत्रालय :	Ministry of Power
Department | विभाग :	NORTH EASTERN ELECTRIC POWER Corporation Limited
Organisation Name | संगठन का नाम :	NORTH EASTERN ELECTRIC POWER Corporation Limited
Office Zone | कार्यालय क्षेत्र:	Kameng Hydro Power Station

Buyer Details | खरीदार विवरण

Designation | पद :	Deputy General Manager
Contact No. | संपर्क नंबर :	03787-273562-
Email ID | ईमेल आईडी :	indrajitdas@neepco.co.in
GSTIN | जीएसटीआईएन :	12AAACN9991J3Z1
Address | पता :	Kameng Hydro Power Station Kimi, West Kameng, WEST KAMENG, ARUNACHAL PRADESH-790114, India

Financial Approval Detail | वित्तीय स्वीकृति विवरण

IFD Concurrence | आईएफडी सहमति:	No
Designation of Administrative Approval | प्रशासनिक अनुमोदन का पदनाम:	Head of Plant
Designation of Financial Approval | वित्तीय अनुमोदन का पदनाम :	Head of Plant

Paying Authority Details | भुगतान प्राधिकरण विवरण

Role:	PAO
Payment Mode | भुगतान का तरीका:	Internet Banking
Designation | पद :	Deputy General Manager Finance
Email ID | ईमेल आईडी :	sidhsdey@neepco.co.in
GSTIN | जीएसटीआईएन :	-
Address | पता:	Kameng Hydro Power Station Kimi, West Kameng, West Kameng, ARUNACHAL PRADESH-790114, India

Seller Details | विक्रेता विवरण

GeM Seller ID | जेम विक्रेता आईडी :	4E4P220005347926
Company Name | कंपनी का नाम :	NEW BHARAT ENGINEERING WORKS
Contact No. | संपर्क नंबर :	09981459877
Email ID | ईमेल आईडी :	newbharatgem1@gmail.com
Address | पता :	27-A SECTOR H,INDUSTRIAL AREA GOVINDPURA, Bhopal, MADHYA PRADESH-462023, -
MSME verified | एमएसएमई सत्यापित :	No
MSME Registration number | एमएसएमई पंजीकरण संख्या :	UDYAM-MP-10-0022828
MSE Social Category | एमएसई सामाजिक श्रेणी :	General
MSE Gender | एमएसई लिंग श्रेणी :	Male
GSTIN | जीएसटीआईएन:	23AATFN2558H1ZZ

*GST / Tax invoice to be raised in the name of | जिसके नाम के पक्ष में GST/TAX इनवॉइस पेश किया जाएगा - Consignee

Delivery Instructions | वितरण निर्देश : NA

Product Details | उत्पाद विवरण

#	Item Description | आइटम विवरण	Ordered Quantity | आइटम विवरण	Unit | इकाई	Unit Price (INR) | इकाई मूल्य (INR)	Tax Bifurcation (INR) | कर विभाजन (INR)	Price (Inclusive of all Duties and Taxes in INR) | मूल्य (INR में सभी शुल्क और कर सहित)
1	Product Name | उत्पाद का नाम : Design, Engineering, Manufacturing, Supply and Delivery of 250 KW X 2 Nos. OFAF coolers for Generator Transformer. One set means 2 nos coolers for 1 nos Single Phase Generator Set Brand | ब्रांड : NEW BHARAT Brand Type | ब्रांड प्रकार : Unbranded Catalogue Status | कैटलॉग की स्थिति: Catalogue not verified by OEM Selling As | कैसे बेचा जा रहा है : Reseller not verified by OEM Category Name & Quadrant | श्रेणी का नाम और चतुर्थांश : BOQ (Q3) Model | मॉडल: OFAF COOLERS HSN Code | एचएसएन कोड: 84195090	12	Sets	7,692,220	NA	92,306,640
2	Product Name | उत्पाद का नाम : Design, Engineering, Manufacturing, Supply and Delivery of Control Panels, Starters etc for Generator Coolers Brand | ब्रांड : NEW BHARAT Brand Type | ब्रांड प्रकार : Unbranded Catalogue Status | कैटलॉग की स्थिति: Catalogue not verified by OEM Selling As | कैसे बेचा जा रहा है : Reseller not verified by OEM Category Name & Quadrant | श्रेणी का नाम और चतुर्थांश : BOQ (Q3) Model | मॉडल: OFAF COOLERS HSN Code | एचएसएन कोड: 85371000	1	Lot	7,258,207	NA	7,258,207
	Product Name | उत्पाद का नाम : Supply of SCADA system including all accessories Brand | ब्रांड : NEW BHARAT Brand Type | ब्रांड प्रकार : Unbranded Catalogue Status | कैटलॉग की स्थिति: Catalogue not verified by OEM					

3	Selling As|कैसे बेचा जा रहा है : Reseller not verified by OEM Category Name & Quadrant|श्रेणी का नाम और चतुर्थांश : BOQ (Q3) Model|मॉडल: OFAF COOLERS HSN Code|एचएसएन कोड: 85238020	1	Lot	3,079,104	NA	3,079,104
4	Product Name|उत्पाद का नाम : Supply of Mandatory Spares Brand|ब्रांड : NEW BHARAT Brand Type|ब्रांड प्रकार : Unbranded Catalogue Status|कैटलॉग की स्थिति: Catalogue not verified by OEM Selling As|कैसे बेचा जा रहा है : Reseller not verified by OEM Category Name & Quadrant|श्रेणी का नाम और चतुर्थांश : BOQ (Q3) Model|मॉडल: OFAF COOLERS HSN Code|एचएसएन कोड: 84195090	1	Lot	3,496,500	NA	3,496,500
5	Product Name|उत्पाद का नाम : Installation,commissioning and testing of Generator Transformer Air Cooler system in complete. Brand|ब्रांड : NEW BHARAT Brand Type|ब्रांड प्रकार : Unbranded Catalogue Status|कैटलॉग की स्थिति: Catalogue not verified by OEM Selling As|कैसे बेचा जा रहा है : Reseller not verified by OEM Category Name & Quadrant|श्रेणी का नाम और चतुर्थांश : BOQ (Q3) Model|मॉडल: OFAF COOLERS HSN Code|एचएसएन कोड: 9987	1	Lot	2,697,600	NA	2,697,600
Total Order Value |कुल ऑर्डर मूल्य (in INR)						108,838,051

Consignee Detail|परेषिती विवरण

S.No|क्र.सं.	Consignee|परेषिती	Item|वस्तु	Lot No.|लॉट नंबर	Quantity|मात्रा	Delivery Start After|डिलिवरी के बाद डिलिवरी शुरू करना है	Delivery To Be Completed By|डिलिवरी पूरा कब तक करना है
1	Designation|पद : - Email ID|ईमेल आईडी : jayantagayan@neepco.co.in Contact|संपर्क : - GSTIN|जीएसटीआईएन : - Address|पता : Kameng Hydro Power Station Kimi, West Kameng, WEST KAMENG, ARUNACHAL PRADESH-790114, India	Design, Engineering, Manufacturing, Supply and Delivery of 250 KW X 2 Nos. OFAF coolers for Generator Transformer. One set means 2 nos coolers for 1 nos Single Phase Generator Set	-	12	15-Dec-2023	12-Jun-2024
		Design, Engineering, Manufacturing, Supply and Delivery of Control Panels, Starters etc for Generator Coolers	-	1	15-Dec-2023	12-Jun-2024
		Supply of SCADA system including all accessories	-	1	15-Dec-2023	12-Jun-2024
		Supply of Mandatory Spares	-	1	15-Dec-2023	12-Jun-2024
		Installation,commissioning and testing of Generator Transformer Air Cooler system in complete.	-	1	15-Dec-2023	12-Jun-2024

Specification|विनिर्देश 1

Specification Document|विशिष्टता दस्तावेज़

Buyer BOQ Document|क्रेता बीओक्यू दस्तावेज़

Compliance of BOQ Specification And Supporting Document|बीओक्यू विशिष्टता और सहायक दस्तावेज़ का अनुपालन

Note|टिप्पणी:: Seller has given an undertaking that it has made arrangements for getting the stores from an authorized distributor / dealer / channel partner of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of GST Invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.

Note|टिप्पणी:: Seller has given an undertaking that it has made arrangements for getting the stores from an authorized distributor / dealer / channel partner of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of GST Invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.

Specification|विनिर्देश 2

Specification Document | विशिष्टता दस्तावेज़
Buyer BOQ Document | क्रेता बीओक्यू दस्तावेज़
Compliance of BOQ Specification And Supporting Document | बीओक्यू विशिष्टता और सहायक दस्तावेज़ का अनुपालन
Note | टिप्पणी: Seller has given an undertaking that it has made arrangements for getting the stores from an authorized distributor / dealer / channel partner of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of GST Invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.
Note | टिप्पणी: Seller has given an undertaking that it has made arrangements for getting the stores from an authorized distributor / dealer / channel partner of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of GST Invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.
Specification | विनिर्देश 3
Specification Document | विशिष्टता दस्तावेज़
Buyer BOQ Document | क्रेता बीओक्यू दस्तावेज़
Compliance of BOQ Specification And Supporting Document | बीओक्यू विशिष्टता और सहायक दस्तावेज़ का अनुपालन
Note | टिप्पणी: Seller has given an undertaking that it has made arrangements for getting the stores from an authorized distributor / dealer / channel partner of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of GST Invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.
Note | टिप्पणी: Seller has given an undertaking that it has made arrangements for getting the stores from an authorized distributor / dealer / channel partner of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of GST Invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.
Specification | विनिर्देश 4
Specification Document | विशिष्टता दस्तावेज़
Buyer BOQ Document | क्रेता बीओक्यू दस्तावेज़
Compliance of BOQ Specification And Supporting Document | बीओक्यू विशिष्टता और सहायक दस्तावेज़ का अनुपालन
Note | टिप्पणी: Seller has given an undertaking that it has made arrangements for getting the stores from an authorized distributor / dealer / channel partner of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of GST Invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.
Note | टिप्पणी: Seller has given an undertaking that it has made arrangements for getting the stores from an authorized distributor / dealer / channel partner of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of GST Invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.
Specification | विनिर्देश 5
Specification Document | विशिष्टता दस्तावेज़
Buyer BOQ Document | क्रेता बीओक्यू दस्तावेज़
Compliance of BOQ Specification And Supporting Document | बीओक्यू विशिष्टता और सहायक दस्तावेज़ का अनुपालन
Note | टिप्पणी: Seller has given an undertaking that it has made arrangements for getting the stores from an authorized distributor / dealer / channel partner of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of GST Invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.
Note | टिप्पणी: Seller has given an undertaking that it has made arrangements for getting the stores from an authorized distributor / dealer / channel partner of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of GST Invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.
ePBG Detail | ईपीबीजी विवरण

Advisory Bank | सलाहकार बैंक:	State Bank of India

ePBG Percentage(%) | ईपीबीजी प्रतिशत (%) :	10.00
The bidder shall furnish ePBG as applicable as per bid's terms and conditions | बोली लगाने वाले को बोली के नियमों और शर्तों के अनुसार लागू ईपीबीजी प्रस्तुत करना होगा	

Terms and Conditions | नियम और शर्तें

1. General Terms and Conditions-

1.1 This contract is governed by the General Terms and Conditions, conditions stipulated to this Product/Service as provided in the Marketplace.

1.2 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

2. Buyer Added Bid Specific Terms and Conditions-

2.1 *Generic*:
OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2.2 *Generic*:
Bidder financial standing: The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

2.3 *Generic*:
Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

2.4 *Generic*:

Bidder shall submit the following documents along with their bid for Vendor Code Creation:

a. Copy of PAN Card.

b. Copy of GSTIN.

c. Copy of Cancelled Cheque.

d. Copy of EFT Mandate duly certified by Bank.

2.5 *Generic*:
Consortium: In case of Contracts, wherein the seller alone does not have necessary expertise, the seller can form consortium with other sellers for submission of the bid, with one of the consortium company as leader. However, each and every member of the consortium shall be equally responsible for the complete execution of the project contract. An undertaking to this effect is to be uploaded with bid.

2.6 *Generic*:
Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

2.7 *Generic*:
IT equipment shall be IPv6 ready from day one.

2.8 *Generic*:

Malicious Code Certificate:

The seller should upload following certificate in the bid:-
(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-
(i) Inhibit the desires and designed function of the equipment.
(ii) Cause physical damage to the user or equipment during the exploitation.
(iii) Tap information resident or transient in the equipment/network.
(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.

2.9 *Generic*:
Manufacturer Authorization:Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

2.10 *Generic*:
1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.

2.11 *Scope of Supply*:
Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

2.12 *Buyer Added Bid Specific ATC*:
Buyer Added text based ATC clauses

1.Bidders are requested to down load the Detailed Bid Document uploaded as Buyer added ATC Document

2. Adherence to/compliance of uploaded ATC document is compulsory.

3. All queries shall be directed to following email id's

a) emgkahep@rediffmail.com

b) emgkahps@neepco.co.in

c) cnpkahps@neepco.co.in

.

2.13 *Buyer Added Bid Specific ATC:*
Buyer uploaded ATC document Click here to view the file.

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.

नोट: यह सिस्टम जनरेटेड फाइल है। कोई हस्ताक्षर की आवश्यकता नहीं है। इस दस्तावेज का प्रिंट आउट भुगतान/लेनदेन उद्देश्य के लिए मान्य नहीं है।

ARADHANA AGENCY

Branch Office: Plot No.: 770/462, GROUND FLOOR,
DR. B.BARUAH ROAD, GUWAHATI-781007, ASSAM, INDIA

HQ: 487/68, PEERA GRAHI INDUSTRIAL AREA, PEERA GRAHI
NORTH WEST , NEW DELHI-110087, INDIA
TELEFAX: 0091-11-47016291 / 9127072893
Email: aradhanagroups@yahoo.com

GST NO.: 07AGUPA0920B1ZY, PAN NO.: AGUPA0920B

UDYAM-DL-06-0088289

Ref.: AA-DLI/2024/045
September 29, 2024

To,
Mr. Ashim Kumar Sarmah, Sr. Manager (E/M)
Plant Electro-Mechanical Works (PEMW
Kameng Hydro Power Station
KaHPS, NEEPCO, Kimi - 790114
West Kameng, Arunachal Pradesh
Mobile:+91-9435078860

Sub.: **BUDGETARY OFFER FOR RETROFIT OF 33 KV CG MAKE SF6 CB.**
Ref.: Our Visit dt 25.09.2024.

Dear Sir (s),

We acknowledge the receipt of your above enquiry and are pleased to quote for the same as per the quotation sheet enclosed subject to following terms and conditions:

TERMS AND CONDITIONS:	
PRICE BASIS	Ex-works.
P&F & FREIGHT	Extra at actual. Unloading of materials at customer place is in customer scope
SALES TAX	GST EXTRA @ 18%.
VALIDITY	120 days.
DELIVERY	36 WEEKS. DATE OF LR/CN SHALL BE TREATED AS DATE OF DELIVERY.
PAYMENT	100% WITHIN 30 days AFTER RECEITP AND ACCEPTANCE.
WARRANTY	12 months from the date of commissioning or 18 months from the date of despatch, whichever is earlier.
PRS / LD Clause	Accepted.
GA DRG.	Will be submitted within 20 days of receipt of PO.
Inspection	At works before despatch.
Test Certificate	Will be submitted along with the materials.
ORDER PLACEMENT	Order to be placed on our NEW DELHI OFFICE AS PER ABOVE MENTIONED ADDRESS.

Hope that the above is in line with your requirement. However, if you require any more information, please feel free to contact the undersigned at the given mobile no.

Thanking you

For ARADHANA AGENCY

(Sandeep Kumar)

ARADHANA AGENCY

Branch Office: Plot No.: 770/462, GROUND FLOOR,
DR. B.BARUAH ROAD, GUWAHATI-781007, ASSAM, INDIA

HQ: 487/68, PEERA GRAHI INDUSTRIAL AREA, PEERA GRAHI
NORTH WEST , NEW DELHI-110087, INDIA
TELEFAX: 0091-11-47016291 / 9127072893
Email: aradhanagroups@yahoo.com

GST NO.: 07AGUPA0920B1ZY, PAN NO.: AGUPA0920B

Sr. No.	Item Description	MOQ Qty	Unit	Unit Rate (Ex-Works)	TOTAL AMOOUNT
	RETROFITTING OF CG MAKE GAS CIRCUIT BREAKER				
1	Dismantling, Retrofit along with Design, Manufacturing, Supply, Erection, Testing and Commissioning of 33 kV VCB Panel along with complete protection etc. and as per the latest IEC / IS. # Other details as per NEEPCO Spec. NOTE: 1 SET = 7 PANELS.	1	set	1,77,27,150.00	1,77,27,150.00
	TOTAL EX-WORK				1,77,27,150.00

Thanking you

For ARADHANA AGENCY

(Sandeep Kumar)

अनुबंध | Contract

अनुबंध क्रमांक | Contract No: GEMC-511687764256172

अनुबंध तिथि | Generated Date : 21-Jun-2024

बोली/आरए/पीबीपी संख्या | Bid/RA/PBP No.: GEM/2024/B/4911014

संगठन विवरण | Organisation Details

प्रकार | Type :	Central PSU
मंत्रालय | Ministry :	Ministry of Power
विभाग | Department :	NORTH EASTERN ELECTRIC POWER Corporation Limited
संगठन का नाम | Organisation Name :	NORTH EASTERN ELECTRIC POWER Corporation Limited
कार्यालय क्षेत्र | Office Zone:	Kameng Hydro Power Station

खरीदार विवरण | Buyer Details

पद | Designation :	Deputy General Manager
संपर्क नंबर | Contact No. :	03787-273562-
ईमेल आईडी | Email ID :	indra@tdas@neepco.co.in
जीएसटीआईएन | GSTIN :	12AAACN9991J3Z1
पता | Address :	Kameng Hydro Power Station Kimi, West Kameng, WEST KAMENG, ARUNACHAL PRADESH-790114, India

वित्तीय स्वीकृति विवरण | Financial Approval Detail

आईएफडी सहमति | IFD Concurrence :	No
प्रशासनिक अनुमोदन का पदनाम | Designation of Administrative Approval:	Head of Plant
वित्तीय अनुमोदन का पदनाम | Designation of Financial Approval :	Head of Plant

भुगतान प्राधिकरण विवरण | Paying Authority Details

Role:	PAO
भुगतान का तरीका | Payment Mode:	Internet Banking
पद | Designation :	Deputy Manager Finance
ईमेल आईडी | Email ID :	rahulg@neepco.co.in
जीएसटीआईएन | GSTIN :	-
पता | Address:	Kameng Hydro Power Station Kimi, West Kameng, West Kameng, ARUNACHAL PRADESH-790114, India

विक्रेता विवरण | Seller Details

जेम विक्रेता आईडी | GeM Seller ID :	SD90210003043895
कंपनी का नाम | Company Name :	M/S R B ENTERPRISE
संपर्क नंबर | Contact No. :	09085845495
ईमेल आईडी | Email ID :	rbenterpriseghy@rediffmail.com
पता | Address :	1ST FLOOR,TRIBENI PATH,BHASKARNAGAR, Kamrup, ASSAM-781018, -
एमआईआई स्थिति | MII Status :	True
एमएसएमई सत्यापित | MSME verified :	No
एमएसएमई पंजीकरण संख्या | MSME Registration number :	UDYAM-AS-03-0004091
एमएसई सामाजिक श्रेणी | MSE Social Category :	General
एमएसई लिंग श्रेणी | MSE Gender :	Female
जीएसटीआईएन | GSTIN:	18BDCPB2277C1Z1 (R)

*जिसके नाम के पक्ष में GST/TAX इनवॉइस पेश किया जाएगा | GST / Tax invoice to be raised in the name of - Buyer

वितरण निर्देश | Delivery Instructions : NA

उत्पाद विवरण | Product Details

#	आइटम विवरण | Item Description	आइटम विवरण | Ordered Quantity	इकाई | Unit	इकाई मूल्य (INR) | Unit Price (INR)	कर विभाजन (INR) | Tax Bifurcation (INR)	मूल्य (INR में सभी शुल्क और कर सहित) | Price (Inclusive of all Duties and Taxes in INR)
1	उत्पाद का नाम | Product Name : Air-cooled air dryer, discharge: 80 CFM, working Pr: 7-16 Bar, Gas: R134A, Model: 2KD008G ब्रांड | Brand : GEM EQUIPMENTS PVT LTD ब्रांड प्रकार | Brand Type : Unbranded कैटलॉग की स्थिति | Catalogue Status: Catalogue not verified by OEM जैसे बेचा जा रहा है | Selling As : Reseller not verified by OEM श्रेणी का नाम और चतुर्थांश | Category Name & Quadrant : Air-cooled air dryer, discharge: 80 CFM, working Pr: 7-16 Bar, Gas: R134A, Model: 2KD008G (Q3) मॉडल | Model: 2KD008G एचएसएन कोड | HSN Code: 8481	1	pieces	179,360	NA	179,360
2	उत्पाद का नाम | Product Name : micron polypropylene air filter. Flow: 75 CFM, working pr: 16 ब्रांड | Brand : GEM EQUIPMENTS PVT LTD ब्रांड प्रकार | Brand Type : Unbranded कैटलॉग की स्थिति | Catalogue Status: Catalogue not verified by OEM जैसे बेचा जा रहा है | Selling As : Reseller not verified by OEM श्रेणी का नाम और चतुर्थांश | Category Name & Quadrant : micron polypropylene air filter. Flow: 75 CFM, working pr: 16 (Q3) मॉडल | Model: GZF010GP एचएसएन कोड | HSN Code: 8413	1	pieces	15,871	NA	15,871
	उत्पाद का नाम | Product Name : Desiccant Activated Alumina (65c) air dryer as per IS 2825, heatless Flow: 75 CFM ब्रांड | Brand : GEM EQUIPMENTS PVT LTD					

3	ब्रांड प्रकार|Brand Type : Unbranded कैटलॉग की स्थिति|Catalogue Status: Catalogue not verified by OEM कैसे बेचा जा रहा है|Selling As : Reseller not verified by OEM श्रेणी का नाम और चतुर्थांश|Category Name & Quadrant : Desiccant Activated Alumina (65c) air dryer as per IS 2825, heatless Flow: 75 CFM (Q3) मॉडल|Model: HLN007 C एचएसएन कोड|HSN Code: 8413	1	pieces	177,000	NA	177,000
4	उत्पाद का नाम |Product Name : Air Compressor With Horizontal Air Receiver, Model: CPA15P A 10 TM300L, Make: Chicago Pneumatic ब्रांड|Brand : CHICAGO PNEUMATIC ब्रांड प्रकार|Brand Type : Registered Brand कैटलॉग की स्थिति|Catalogue Status: Catalogue not verified by OEM कैसे बेचा जा रहा है|Selling As : Reseller not verified by OEM श्रेणी का नाम और चतुर्थांश|Category Name & Quadrant : Air Compressor With Horizontal Air Receiver, Model: CPA15P A 10 TM300L, Make: Chicago Pneumatic (Q3) मॉडल|Model: CPA15P A 10 TM300L एचएसएन कोड|HSN Code: 8413	1	pieces	737,500	NA	737,500
5	उत्पाद का नाम |Product Name : AIR COMPRESSOR AND AIRDRYER PIPE LINE ब्रांड|Brand : RB ब्रांड प्रकार|Brand Type : Registered Brand कैटलॉग की स्थिति|Catalogue Status: Catalogue not verified by OEM कैसे बेचा जा रहा है|Selling As : Reseller not verified by OEM श्रेणी का नाम और चतुर्थांश|Category Name & Quadrant : AIR COMPRESSOR AND AIRDRYER PIPE LINE (Q3) मॉडल|Model: GI PIPE LINE एचएसएन कोड|HSN Code: 7304	1	set	35,400	NA	35,400
कुल ऑर्डर मूल्य |Total Order Value (in INR)						1,145,131

परेषिती विवरण|Consignee Detail

क्र.सं.|S.No	परेषिती|Consignee	वस्तु|Item	लॉट नंबर|Lot No.	मात्रा|Quantity	डिलीवरी के बाद डिलीवरी शुरू करना है|Delivery Start After	विवरण पूरा कब तक करना है|Delivery To Be Completed By
1	पद| Designation :- ईमेल आईडी|Email ID : jayantagayan@neepco.co.in संपर्क|Contact :- जीएसटीआईएन|GSTIN :- पता|Address : Kameng Hydro Power Station Kimi, West Kameng, WEST KAMENG, ARUNACHAL PRADESH-790114, India	Air-cooled air dryer, discharge: 80 CFM, working Pr: 7-16 Bar, Gas: R134A, Model: 2KD008G	-	1	21-Jun-2024	11-Jul-2024
		micron polypropylene air filter, Flow: 75 CFM, working pr: 16	-	1	21-Jun-2024	11-Jul-2024
		Desiccant Activated Alumina (65c) air dryer as per IS 2825, heatless Flow: 75 CFM	-	1	21-Jun-2024	11-Jul-2024
		Air Compressor With Horizontal Air Receiver, Model: CPA15P A 10 TM300L, Make: Chicago Pneumatic	-	1	21-Jun-2024	11-Jul-2024
		AIR COMPRESSOR AND AIRDRYER PIPE LINE	-	1	21-Jun-2024	11-Jul-2024

Product Specification for Air-cooled air dryer, discharge: 80 CFM, working Pr: 7-16 Bar, Gas: R134A, Model: 2KD008G

विनिर्देश|Specification	उप-विनिर्देश|Sub-Spec	मूल्य|Value
Custom Specification	Custom Specification	Yes

विक्रेता विशिष्टता दस्तावेज़\|Seller Specification Document:

1. SpecificationDocument1	mkp.gem.gov.in/catalog_data/catalog_support_document/81/73/551/CatalogAttrs/SpecificationDocument/2024/5/13/2024_05_13_14_12_08_2kd008_dr_2024-05-13-14-12-13_6f209df164745fc1ae6f158799b0a880.pdf

खरीदार विशिष्टता दस्तावेज़\|Buyer Specification Document:

1. SpecificationDocument	mkp.gem.gov.in/catalog_data/catalog_support_document/buyer_documents/7965161/54/78/303/CatalogAttrs/SpecificationDocument/2024/5/3/boq___specs_2024-05-03-11-37-28_21962d5aodcb1fcc788867c53912a

	42a.pdf

Product Specification for micron polypropylene air filter. Flow: 75 CFM, working pr: 16

विनिर्देश|Specification	उप-विनिर्देश|Sub-Spec	मूल्य|Value
Custom Specification	Custom Specification	Yes

विक्रेता विशिष्टता दस्तावेज़\|Seller Specification Document:

1. SpecificationDocument1	mkp.gem.gov.in/catalog_data/catalog_support_document/81/73/551/CatalogAttrs/SpecificationDocument/2024/5/13/2024_05_13_15_34_13_grf010_2024-05-13-15-34-18_f3efc3946285l4d2b93032a74127a863.pdf

खरीदार विशिष्टता दस्तावेज़\|Buyer Specification Document:

1. SpecificationDocument	mkp.gem.gov.in/catalog_data/catalog_support_document/buyer_documents/7965161/54/78/703/CatalogAttrs/SpecificationDocument/2024/5/3/boq___specs_2024-05-03-11-42-45_78b8c85292d88bf281097d479fc0b8e9.pdf

Product Specification for Desiccant Activated Alumina (65c) air dryer as per IS 2825, heatless Flow: 75 CFM

विनिर्देश|Specification	उप-विनिर्देश|Sub-Spec	मूल्य|Value
Custom Specification	Custom Specification	Yes

विक्रेता विशिष्टता दस्तावेज़\|Seller Specification Document:

1. SpecificationDocument1	mkp.gem.gov.in/catalog_data/catalog_support_document/81/73/551/CatalogAttrs/SpecificationDocument/2024/5/13/2024_05_13_15_43_16_hln_007_c_2024-05-13-15-43-20_abc3069c66a2d630b839956aacdee4ce.pdf

खरीदार विशिष्टता दस्तावेज़\|Buyer Specification Document:

1. SpecificationDocument	mkp.gem.gov.in/catalog_data/catalog_support_document/buyer_documents/7965161/54/78/703/CatalogAttrs/SpecificationDocument/2024/5/3/boq___specs_2024-05-03-11-47-01_39b43ee5a07c188912336b0e2a3e3f2f.pdf

Product Specification for Air Compressor With Horizontal Air Receiver, Model: CPA15P A 10 TM300L, Make: Chicago Pneumatic

विनिर्देश|Specification	उप-विनिर्देश|Sub-Spec	मूल्य|Value
Custom Specification	Custom Specification	Yes

विक्रेता विशिष्टता दस्तावेज़\|Seller Specification Document:

1. SpecificationDocument1	mkp.gem.gov.in/catalog_data/catalog_support_document/81/73/551/CatalogAttrs/SpecificationDocument/2024/5/15/2024_05_15_10_48_09_cp_compressot_catalog_2024-05-15-10-48-13_72647830891fb97cda375c87ce60a6ab4.pdf

खरीदार विशिष्टता दस्तावेज़\|Buyer Specification Document:

1. SpecificationDocument	mkp.gem.gov.in/catalog_data/catalog_support_document/buyer_documents/7965161/54/78/703/CatalogAttrs/SpecificationDocument/2024/5/3/boq___specs_2024-05-03-11-54-02_5a63e40bb24637935c7fc9e5e4fba04c.pdf

Product Specification for AIR COMPRESSOR AND AIRDRYER PIPE LINE

विनिर्देश|Specification	उप-विनिर्देश|Sub-Spec	मूल्य|Value
Custom Specification	Custom Specification	Yes

विक्रेता विशिष्टता दस्तावेज़\|Seller Specification Document:

1. SpecificationDocument1	mkp.gem.gov.in/catalog_data/catalog_support_document/81/73/551/CatalogAttrs/SpecificationDocument/2024/5/15/2024_05_15_11_54_35_cp_compressot_catalog_2024-05-15-11-54-42_a7f9ccd91a019c2cfc4463b44fb1290d.pdf

खरीदार विशिष्टता दस्तावेज़\|Buyer Specification Document:

1. SpecificationDocument	mkp.gem.gov.in/catalog_data/catalog_support_document/buyer_documents/7965161/54/78/703/CatalogAttrs/SpecificationDocument/2024/5/3/boq___specs_2024-05-03-11-57-59_d85cb2ca82d3b80a1c7791d0d3e5f58f.pdf

ईपीबीजी विवरण | ePBG Detail

सलाहकार बैंक	Advisory Bank :	NA
ईपीबीजी प्रतिशत (%)	ePBG Percentage(%):	NA

नियम और शर्तें|Terms and Conditions

1. General Terms and Conditions-

1.1 This contract is governed by the General Terms and Conditions, conditions stipulated to this Product/Service as provided in the Marketplace.

1.2 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

2. Buyer Added Bid Specific Terms and Conditions-

2.1 *Generic*:
OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2.2 *Scope of Supply*:
Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

2.3 *Buyer Added Bid Specific ATC*:
Buyer Added text based ATC clauses

Supply, delivery, testing, commissioning & site demonstration of air dryer with air compressor and accessories for transformer & reactor dryout at Kameng Hydro Power Station

BOQ & Specifications

Sl. No.	Description	UOM	Qty
1	Supply of air-cooled air dryer, discharge: 80 CFM, working pressure: 7-16 Bar, Gas: R134A, Model: 2KD008G, Make: GEM	Nos.	1
2	Supply of general purpose 3-micron polypropylene air filter. Flow: 75 CFM, working pressure: up to 16 Bar, Model: GZF010GP, Make: GEM	Nos.	1
3	Supply of Desiccant Activated Alumina (65c) air dryer as per IS 2825, heatless, Flow: 75 CFM, working pressure: 7- 12.5 Bar, Molecular Sieve, Model: HLN007C, Make: GEM	Nos.	1
4	Supply of fixed Speed Compressor mounted on a 300L Horizontal Air Receiver tank, Compact Design and ready to commission system, first fill of compressor oil, Model: CP A15P A 10 TM300L, make: Chicago Pneumatic, Capacity: 52CFM, Working Pressure: 10 bar, Motor Rating: 15HP, End connection: 1/2". Operation: Continuous	Nos.	1
5	Site installation, testing, commissioning & demonstration	Lot	1

A. Requirement for complete air dryer system with compressor:

Operation: Continuous

Gas: R134A

Dew point at output air: Minimum (-) 60 ^{0}C

Dew point performance: Consistent

B. Accessories to be supplied:

B.1 Main I/P Power supply MCCB/MCB: TPN rated capacity of make Havells, L&T, ABB, Siemens or Schneider.

B.2 Power supply cable: From main I/P Power Supply MCCB/MCB to air compressor & air dryer. PVC insulated, multi-strand Copper flexible cable, 1.1KV voltage grade, 4- Core. Make: Havells, Finolex cables, RR Kabels, KEI, Polycab only. Cable length for air compressor & air dryer should be minimum 10M each. The required size lugs should be provided for connections.

B.3 High pressure Ball valve & connectors: For connection of air dryer & compressor, the required size ball valves, reducer, "T", nipple, pipes etc. has to be supplied. No flexible pipe will be accepted. A point for external portable dew point meter with valve & airline to transformer/reactor with valve has to be provided with all fittings like 1/2" MS long nipple - 6 nos., 1/2" ball valve - 2 nos., 1/2"-3/4" reducer - 4 nos., 3/4" pipe - 5M, ½" pipe – 2M, 3/4" ball valve - 6 nos., 3/4" "T" - 2 pc, ¾" MS long nipple - 6 nos. etc. as required.

B.4 High pressure flexible pipe: For connection of air dryer transformer, single 15M length flexible pipe of non-compressive type has to be supplied.

Terms & Conditions

1. **Payment terms: 100% with GST after successful site demonstration only.**

2. **Completion period: Delivery and successful site demonstration shall be completed within 20(twenty) days from the date of order.**

3. **Warranty: Minimum warranty should be 18 months from the date of site delivery or 12 months from the date of successful site demonstration whichever is earlier.**

4. **Supplier: The supplier should be authorized GEM dealer or distributor from Assam /Arunachal Pradesh only.**

5. **Successful bidder has to submit a detailed Price schedule indicating GST separately against each item.**

6. **All future correspondences shall be to the following email address-**
   a) **emgkahep@rediffmail.com**
   b) **cnpkahps@rediffmail.com**

नोट: यह सिस्टम जनरेटेड फाइल है। कोई हस्ताक्षर की आवश्यकता नहीं है। इस दस्तावेज का प्रिंट आउट भुगतान/लेनदेन उद्देश्य के लिए मान्य नहीं है।

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.

North Eastern Electric Power Corporation Limited
Miniratna: Category-I PSU, A fully Owned Subsidiary of NTPC Ltd.
GM (E/M), C&P
KAMENG HYDRO POWER STATION
KIMI-790114, Arunachal Pradesh, India
Tel. No. ;E-Mail: cnpkahps@neepco.co.in

Purchase Order-3700009914 / Dt : 29.07.2024

To,

Vendor Name	:	PEMA ENTERPRISES
Vendor Code	:	500471
Address	:	KIMI,
	:	WEST KAMENG,BHALUKPONG,790114, Arunachal Pradesh, India
Contact No	:	8415842486
Email ID	:	pemajebisow123@gmail.com,
PAN No.	:	AAVFP2678L
GSTIN No.	:	12AAVFP2678L1ZK

Sub: Detailed Work Order for Construction of Health Centre for Industrial Complex at Kameng Hydro Power Station, Kimi, Arunachal Pradesh.

Ref: 1) Tender reference no. NILT-08 dated 26.02.2024
2) LOI no. NEEPCO/KaHPS/C&P/A2/Vol-I/26 dated 30.05.2024
3) Detailed W.O. no. NEEPCO/KaHPS/C&P/A2/Vol-I/32 Dated 07.07.2024

Dear Sir/Madam,

With reference to the above, we are pleased to award you the work of Construction of Health Centre for Industrial Complex at Kameng HPS, West Kameng Dist., Arunachal Pradesh as per Bill of Quantity & Terms and Conditions furnished hereunder:

S.No	Service Code	Service Des.	Qty.	Unit			Total Price
20		Construction of Hospital Building Kimi	1.000	AU			11,032,998.03
20.10	10000156	Surface dressing @ 150 mm deep	875.000	M2	Basic Price	15.01	13,133.75
					CGST %	9.00%	1,182.00
					SGST %	9.00%	1,182.00
					Total		15,497.75
20.20	10000405	Earthwork in ex F/trench:Soil>50%Shingle	191.750	M3	Basic Price	278.30	53,364.03
					CGST %	9.00%	4,803.00
					SGST %	9.00%	4,803.00
					Total		62,970.03
20.30	10005687	Addl lift 1.50m earth work	51.075	M3	Basic Price	15.31	781.96
					CGST %	9.00%	70.00
					SGST %	9.00%	70.00
					Total		921.96
20.40	10000075	Sandfilling in plinth, foundation,others	169.196	M3	Basic Price	858.20	1,45,204.01
					CGST %	9.00%	13,068.00
					SGST %	9.00%	13,068.00
					Total		1,71,340.01
20.50	10000065	Treatment of soil using chemicalemulsion	331.370	M2	Basic Price	99.70	33,037.59
					CGST %	9.00%	2,973.00
					SGST %	9.00%	2,973.00
					Total		38,983.59
20.60	10006735	Anti-termite treatment	79.900	M	Basic Price	18.43	1,472.56
					CGST %	9.00%	133.00
					SGST %	9.00%	133.00
					Total		1,738.56
20.70	10000376	PCC 1:3:6 in foundation	44.256	M3	Basic Price	6,759.00	2,99,126.30
					CGST %	9.00%	26,921.00
					SGST %	9.00%	26,921.00
					Total		3,52,968.30

S.No	Service Code	Service Des.	Qty.	Unit			Total Price
20.80	10000322	Providng laying PCC upto Plnth lvl 1:2:4	13.800	M3	Basic Price	7,968.90	1,09,970.82
					CGST %	9.00%	9,897.00
					SGST %	9.00%	9,897.00
					Total		1,29,764.82
20.90	10001144	Damp proof course 40mm thick	22.032	M2	Basic Price	447.93	9,868.79
					CGST %	9.00%	888.00
					SGST %	9.00%	888.00
					Total		11,644.79
20.100	10000410	Reinf conc work in found, footings : M20	27.406	M3	Basic Price	9,466.72	2,59,444.93
					CGST %	9.00%	23,350.00
					SGST %	9.00%	23,350.00
					Total		3,06,144.93
20.110	10000412	Reinfor cem conc work lintels,beams:M20	46.097	M3	Basic Price	10,689.70	4,92,763.10
					CGST %	9.00%	44,349.00
					SGST %	9.00%	44,349.00
					Total		5,81,461.10
20.120	10000411	Reinforced conc work in columns: M20	17.500	M3	Basic Price	1,079.40	18,889.50
					CGST %	9.00%	1,700.00
					SGST %	9.00%	1,700.00
					Total		22,289.50
20.130	10001558	RCC in beams, suspended floors: 1:1.5:3	51.780	M3	Basic Price	10,815.20	5,60,011.06
					CGST %	9.00%	50,401.00
					SGST %	9.00%	50,401.00
					Total		6,60,813.06
20.140	10000675	Centre&shuter-foundation/footings/base	41.240	M2	Basic Price	344.20	14,194.81
					CGST %	9.00%	1,278.00
					SGST %	9.00%	1,278.00
					Total		16,750.81
20.150	10000677	Centrng & shutering in suspended floors	414.220	M2	Basic Price	717.30	2,97,120.01
					CGST %	9.00%	26,741.00
					SGST %	9.00%	26,741.00
					Total		3,50,602.01
20.160	10000678	Centreing & shutering in Lintel,beams	430.236	M2	Basic Price	453.40	1,95,069.00
					CGST %	9.00%	17,556.00
					SGST %	9.00%	17,556.00
					Total		2,30,181.00
20.170	10000679	Centreing & shutering in columns,pillar	210.000	M2	Basic Price	587.80	1,23,438.00
					CGST %	9.00%	11,109.00
					SGST %	9.00%	11,109.00
					Total		1,45,656.00
20.180	10000071	Brickwork in substructure upto plinth1:4	27.013	M3	Basic Price	9,006.50	2,43,292.58
					CGST %	9.00%	21,896.00
					SGST %	9.00%	21,896.00
					Total		2,87,084.58
20.190	10000505	Half Brick mason found :Cem Mor1:4	429.130	M2	Basic Price	1,094.32	4,69,605.54
					CGST %	9.00%	42,265.00
					SGST %	9.00%	42,265.00
					Total		5,54,135.54
20.200	10000694	Extra for half brick work	429.130	M2	Basic Price	42.40	18,195.11
					CGST %	9.00%	1,638.00
					SGST %	9.00%	1,638.00
					Total		21,471.11
20.210	10000002	Brick flat soling in foundation /plinth	406.457	M2	Basic Price	497.60	2,02,253.00
					CGST %	9.00%	18,203.00
					SGST %	9.00%	18,203.00
					Total		2,38,659.00
20.220	10005619	b) Tar/TMT steel	17524.880	KG	Basic Price	106.90	18,73,409.67
					CGST %	9.00%	1,68,607.00
					SGST %	9.00%	1,68,607.00
					Total		22,10,623.67

S.No	Service Code	Service Des.	Qty.	Unit			Total Price
20.230	10000032	S-F-F Door Frame MS EQ angl 40x40x5 mm	6.800	M	Basic Price	478.54	3,254.07
					CGST %	9.00%	293.00
					SGST %	9.00%	293.00
					Total		3,840.07
20.240	10000036	P-F-F AL Window Slid 2 track 5mm glass	37.950	M2	Basic Price	8,321.50	3,15,800.93
					CGST %	9.00%	28,422.00
					SGST %	9.00%	28,422.00
					Total		3,72,644.93
20.250	10000035	P-F-F AL Door 100x45x2.5mm, 6mm glass	31.200	M2	Basic Price	14,476.84	4,51,677.41
					CGST %	9.00%	40,651.00
					SGST %	9.00%	40,651.00
					Total		5,32,979.41
20.260	10000103	MS grills Fixed to steel windows	685.190	KG	Basic Price	113.60	77,837.58
					CGST %	9.00%	7,005.00
					SGST %	9.00%	7,005.00
					Total		91,847.58
20.270	10000141	Flush door shutters decorative type	4.800	M2	Basic Price	2,974.92	14,279.62
					CGST %	9.00%	1,285.00
					SGST %	9.00%	1,285.00
					Total		16,849.62
20.280	10009336	20mmDia Aluminium rod with alum Bracket	29.500	M	Basic Price	175.30	5,171.35
					CGST %	9.00%	465.00
					SGST %	9.00%	465.00
					Total		6,101.35
20.290	10000048	Provide Vitrified Floor Tiles 600x600 mm	253.221	M2	Basic Price	2,146.82	5,43,619.91
					CGST %	9.00%	48,926.00
					SGST %	9.00%	48,926.00
					Total		6,41,471.91
20.300	10000427	Marble stone flooring : 18 mm thick	14.094	M2	Basic Price	2,776.80	39,136.22
					CGST %	9.00%	3,522.00
					SGST %	9.00%	3,522.00
					Total		46,180.22
20.310	10000643	Ceramic floorTiles anti skid 300x300mm	24.820	M2	Basic Price	977.70	24,266.51
					CGST %	9.00%	2,184.00
					SGST %	9.00%	2,184.00
					Total		28,634.51
20.320	10003625	White glazed tiles	96.804	M2	Basic Price	3,239.70	3,13,615.92
					CGST %	9.00%	28,225.00
					SGST %	9.00%	28,225.00
					Total		3,70,065.92
20.330	10000511	Plastering:12mm Cement Plast: 1:4	487.846	M2	Basic Price	181.61	88,597.71
					CGST %	9.00%	7,974.00
					SGST %	9.00%	7,974.00
					Total		1,04,545.71
20.340	10000043	Cement Plaster 15mm rough side Prop-1:4	429.130	M2	Basic Price	214.83	92,190.00
					CGST %	9.00%	8,297.00
					SGST %	9.00%	8,297.00
					Total		1,08,784.00
20.350	10000052	Prov Two Coat Wall Care Putty 1.5 mm	1361.131	M2	Basic Price	93.62	1,27,429.08
					CGST %	9.00%	11,469.00
					SGST %	9.00%	11,469.00
					Total		1,50,367.08
20.360	10000696	Applying distemper primer	1361.131	M2	Basic Price	47.46	64,599.28
					CGST %	9.00%	5,814.00
					SGST %	9.00%	5,814.00
					Total		76,227.28
20.370	10005699	Priming coat on steel work	38.375	M2	Basic Price	36.93	1,417.19
					CGST %	9.00%	128.00
					SGST %	9.00%	128.00
					Total		1,673.19

S.No	Service Code	Service Des.	Qty.	Unit			Total Price
20.380	10000526	Paint two or more coat with enamel paint	38.375	M2	Basic Price	84.90	3,258.04
					CGST %	9.00%	293.00
					SGST %	9.00%	293.00
					Total		3,844.04
20.390	10000053	Wall Painting 2 Coat Plastic Emulsion	1068.006	M2	Basic Price	68.72	73,393.37
					CGST %	9.00%	6,605.00
					SGST %	9.00%	6,605.00
					Total		86,603.37
20.400	10004166	acrylic emulsion exterior coatings	293.125	M2	Basic Price	136.73	40,078.98
					CGST %	9.00%	3,607.00
					SGST %	9.00%	3,607.00
					Total		47,292.98
20.410	10005766	Construction of cement concrete drain	77.150	M	Basic Price	727.14	56,098.85
					CGST %	9.00%	5,049.00
					SGST %	9.00%	5,049.00
					Total		66,196.85
20.420	10001192	Plinth protection work	58.583	M2	Basic Price	1,314.17	76,988.02
					CGST %	9.00%	6,929.00
					SGST %	9.00%	6,929.00
					Total		90,846.02
20.430	10000122	Neat Cement punning	58.583	M2	Basic Price	58.36	3,418.90
					CGST %	9.00%	308.00
					SGST %	9.00%	308.00
					Total		4,034.90
20.440	10009025	item no.65 ..suspended false ceiling#	296.441	M2	Basic Price	2,056.37	6,09,592.38
					CGST %	9.00%	54,863.00
					SGST %	9.00%	54,863.00
					Total		7,19,318.38
20.450	10000463	Prov fix MS fan clamp 16 mm MS bar bent	13.000	EA	Basic Price	172.26	2,239.38
					CGST %	9.00%	202.00
					SGST %	9.00%	202.00
					Total		2,643.38
20.460	10001395	Preparation and Surface Treatment	320.000	M2	Basic Price	33.74	10,796.80
					CGST %	9.00%	972.00
					SGST %	9.00%	972.00
					Total		12,740.80
20.470	10009255	water proofing treatment on roof	320.000	M2	Basic Price	294.80	94,336.00
					CGST %	9.00%	8,490.00
					SGST %	9.00%	8,490.00
					Total		1,11,316.00
20.480	10005997	Providing water proofing treatment (WPT)	320.000	M2	Basic Price	149.33	47,785.60
					CGST %	9.00%	4,301.00
					SGST %	9.00%	4,301.00
					Total		56,387.60
20.490	10000240	Provdng aluminium extruded tubulr sectn	110.000	KG	Basic Price	414.84	45,632.40
					CGST %	9.00%	4,107.00
					SGST %	9.00%	4,107.00
					Total		53,846.40
20.500	10000241	Designg fabrictng testng protctn instlng	12.000	M2	Basic Price	3,120.65	37,447.80
					CGST %	9.00%	3,370.00
					SGST %	9.00%	3,370.00
					Total		44,187.80
20.510	10008927	S S Railing	270.000	KG	Basic Price	634.25	1,71,247.50
					CGST %	9.00%	15,412.00
					SGST %	9.00%	15,412.00
					Total		2,02,071.50
20.520	10000065	S-F-F-Anodzd AL Slid Door Bolt 250x16mm	4.000	EA	Basic Price	241.25	965.00
					CGST %	9.00%	87.00
					SGST %	9.00%	87.00
					Total		1,139.00

S.No	Service Code	Service Des.	Qty.	Unit			Total Price
20.530	10001197	Aluminum tower bolts 250mm	4.000	EA	Basic Price	118.82	475.28
					CGST %	9.00%	43.00
					SGST %	9.00%	43.00
					Total		561.28
20.540	10000193	Providing fixing Aluminium handles 125mm	4.000	NO	Basic Price	91.63	366.52
					CGST %	9.00%	33.00
					SGST %	9.00%	33.00
					Total		432.52
20.550	10001818	aluminium fittings	1.000	EA	Basic Price	115.84	115.84
					CGST %	9.00%	10.00
					SGST %	9.00%	10.00
					Total		135.84
20.560	10001880	Brass Fittings Door Bolts 300mm x 16mm	2.000	EA	Basic Price	335.00	670.00
					CGST %	9.00%	60.00
					SGST %	9.00%	60.00
					Total		790.00
20.570	10000471	Prov fix white vitre china pedes WC pan	5.000	EA	Basic Price	9,235.63	46,178.15
					CGST %	9.00%	4,156.00
					SGST %	9.00%	4,156.00
					Total		54,490.15
20.580	10001299	Water closet squatting pan (Indian type)	1.000	EA	Basic Price	7,900.41	7,900.41
					CGST %	9.00%	711.00
					SGST %	9.00%	711.00
					Total		9,322.41
20.590	10001114	urinal basin	2.000	EA	Basic Price	4,341.40	8,682.80
					CGST %	9.00%	781.00
					SGST %	9.00%	781.00
					Total		10,244.80
20.600	10001300	Wash basin with brackets pillar taps	6.000	EA	Basic Price	4,319.60	25,917.60
					CGST %	9.00%	2,333.00
					SGST %	9.00%	2,333.00
					Total		30,583.60
20.610	10006373	CP brass waste for wash basins and sinks	6.000	EA	Basic Price	142.84	857.04
					CGST %	9.00%	77.00
					SGST %	9.00%	77.00
					Total		1,011.04
20.620	10000475	Prov fix bevelled edge mirror:600x450mm	6.000	EA	Basic Price	1,326.93	7,961.58
					CGST %	9.00%	717.00
					SGST %	9.00%	717.00
					Total		9,395.58
20.630	10004939	Providing & fixing 600x120mm glass shelf	6.000	EA	Basic Price	1,676.90	10,061.40
					CGST %	9.00%	906.00
					SGST %	9.00%	906.00
					Total		11,873.40
20.640	10000474	Prov fix CP brass towel rail :750x20 mm	6.000	EA	Basic Price	781.35	4,688.10
					CGST %	9.00%	422.00
					SGST %	9.00%	422.00
					Total		5,532.10
20.650	10000256	Provdng fixng CP brass 32mm bottle trap	6.000	NO	Basic Price	1,830.95	10,985.70
					CGST %	9.00%	989.00
					SGST %	9.00%	989.00
					Total		12,963.70
20.660	10001734	Chrome Plated Towel Ring	6.000	EA	Basic Price	1,299.30	7,795.80
					CGST %	9.00%	702.00
					SGST %	9.00%	702.00
					Total		9,199.80
20.670	10009388	Providing fitting and fixing PVC cowel	6.000	EA	Basic Price	180.15	1,080.90
					CGST %	9.00%	97.00
					SGST %	9.00%	97.00
					Total		1,274.90

S.No	Service Code	Service Des.	Qty.	Unit			Total Price
20.680	10009337	Recessed soap tray/Soap dish.	10.000	EA	Basic Price	424.10	4,241.00
					CGST %	9.00%	382.00
					SGST %	9.00%	382.00
					Total		5,005.00
20.690	10000540	Prov & fix 100mm sand cast iron grating	6.000	EA	Basic Price	100.63	603.78
					CGST %	9.00%	54.00
					SGST %	9.00%	54.00
					Total		711.78
20.700	10000060	S-F-F PVC Pipe 6Kg/cm2 exposed 110mm dia	13.000	M	Basic Price	900.95	11,712.35
					CGST %	9.00%	1,054.00
					SGST %	9.00%	1,054.00
					Total		13,820.35
20.710	10009343	PVC pipes of 6Kg/ Cm2 (iv) 75mm dia.	5.000	EA	Basic Price	450.69	2,253.45
					CGST %	9.00%	203.00
					SGST %	9.00%	203.00
					Total		2,659.45
20.720	10001916	PVC single TEE 110mm	15.000	EA	Basic Price	376.20	5,643.00
					CGST %	9.00%	508.00
					SGST %	9.00%	508.00
					Total		6,659.00
20.730	10001222	CPVC pipes,15mm	35.000	M	Basic Price	299.44	10,480.40
					CGST %	9.00%	943.00
					SGST %	9.00%	943.00
					Total		12,366.40
20.740	10000278	Provdng fxng CPVC pipe conceal 20mm dia	25.000	M	Basic Price	371.45	9,286.25
					CGST %	9.00%	836.00
					SGST %	9.00%	836.00
					Total		10,958.25
20.750	10000279	Provdng fxng CPVC pipe conceal 25mm dia	20.000	M	Basic Price	459.70	9,194.00
					CGST %	9.00%	827.00
					SGST %	9.00%	827.00
					Total		10,848.00
20.760	10000280	Provdng fxng CPVC pipe conceal 32mm dia	20.000	M	Basic Price	582.87	11,657.40
					CGST %	9.00%	1,049.00
					SGST %	9.00%	1,049.00
					Total		13,755.40
20.770	10006070	Providing CPVC pipes, Exposed 15 mm	20.000	M	Basic Price	158.34	3,166.80
					CGST %	9.00%	285.00
					SGST %	9.00%	285.00
					Total		3,736.80
20.780	10006071	Providing CPVC pipes, Exposed 20 mm	20.000	M	Basic Price	211.87	4,237.40
					CGST %	9.00%	381.00
					SGST %	9.00%	381.00
					Total		4,999.40
20.790	10006072	Providing CPVC pipes, Exposed 25 mm	35.000	M	Basic Price	283.76	9,931.60
					CGST %	9.00%	894.00
					SGST %	9.00%	894.00
					Total		11,719.60
20.800	10006073	Providing CPVC pipes, Exposed 32 mm	35.000	M	Basic Price	375.36	13,137.60
					CGST %	9.00%	1,182.00
					SGST %	9.00%	1,182.00
					Total		15,501.60
20.810	10000345	Providng fixng CP brass bib cock 15mm NB	12.000	NO	Basic Price	1,057.84	12,694.08
					CGST %	9.00%	1,142.00
					SGST %	9.00%	1,142.00
					Total		14,978.08
20.820	10000346	Provdng fixng CP brass stop cock 15mm NB	10.000	NO	Basic Price	1,047.85	10,478.50
					CGST %	9.00%	943.00
					SGST %	9.00%	943.00
					Total		12,364.50

S.No	Service Code	Service Des.	Qty.	Unit			Total Price
20.830	10009332	CP shower 15or20mm dia Outlet 100mm dia	6.000	EA	Basic Price	1,019.88	6,119.28
					CGST %	9.00%	551.00
					SGST %	9.00%	551.00
					Total		7,221.28
20.840	10006094	Construct rd gully chamber 110x50x77.5cm	6.000	EA	Basic Price	347.95	2,087.70
					CGST %	9.00%	188.00
					SGST %	9.00%	188.00
					Total		2,463.70
20.850	10005628	Earthwork in excavation (All soil)	18.553	M3	Basic Price	174.78	3,242.69
					CGST %	9.00%	292.00
					SGST %	9.00%	292.00
					Total		3,826.69
20.860	10000076	PCC (1:2:4) upto Plinth- 20mm stone	0.581	M3	Basic Price	7,968.86	4,629.91
					CGST %	9.00%	417.00
					SGST %	9.00%	417.00
					Total		5,463.91
20.870	10000088	PCC 1:3:6 ,20 mm stone agg. Upto PL	0.581	M3	Basic Price	6,758.99	3,926.97
					CGST %	9.00%	353.00
					SGST %	9.00%	353.00
					Total		4,632.97
20.880	10000412	Reinfor cem conc work lintels,beams:M20	0.884	M3	Basic Price	11,135.08	9,843.41
					CGST %	9.00%	886.00
					SGST %	9.00%	886.00
					Total		11,615.41
20.890	10000071	Brickwork in substructure upto plinth1:4	5.233	M3	Basic Price	9,152.94	47,897.34
					CGST %	9.00%	4,311.00
					SGST %	9.00%	4,311.00
					Total		56,519.34
20.900	10000505	Half Brick mason found :Cem Mor1:4	3.150	M2	Basic Price	1,111.01	3,499.68
					CGST %	9.00%	315.00
					SGST %	9.00%	315.00
					Total		4,129.68
20.910	10000002	Brick flat soling in foundation /plinth	8.835	M2	Basic Price	505.89	4,469.54
					CGST %	9.00%	402.00
					SGST %	9.00%	402.00
					Total		5,273.54
20.920	10000092	Centering, Shuttering in lintel, beam	8.835	M2	Basic Price	445.29	3,934.14
					CGST %	9.00%	354.00
					SGST %	9.00%	354.00
					Total		4,642.14
20.930	10000043	Cement Plaster 15mm rough side Prop-1:4	25.503	M2	Basic Price	224.17	5,717.01
					CGST %	9.00%	515.00
					SGST %	9.00%	515.00
					Total		6,747.01
20.940	10000122	Neat Cement punning	25.503	M2	Basic Price	56.02	1,428.68
					CGST %	9.00%	129.00
					SGST %	9.00%	129.00
					Total		1,686.68
20.950	10005619	b) Tar/TMT steel	78.058	KG	Basic Price	98.99	7,726.96
					CGST %	9.00%	695.00
					SGST %	9.00%	695.00
					Total		9,116.96
20.960	10001763	CI man hole cover	2.000	EA	Basic Price	3,851.85	7,703.70
					CGST %	9.00%	693.00
					SGST %	9.00%	693.00
					Total		9,089.70
20.970	10000703	Const. Brick masonry manhole	4.000	EA	Basic Price	13,152.74	52,610.96
					CGST %	9.00%	4,735.00
					SGST %	9.00%	4,735.00
					Total		62,080.96

S.No	Service Code	Service Des.	Qty.	Unit			Total Price
20.980	10000704	Making soak pit 2.5m dia 3m deep	1.000	EA	Basic Price	46,621.41	46,621.41
					CGST %	9.00%	4,196.00
					SGST %	9.00%	4,196.00
					Total		55,013.41
20.990	10000702	Prov. Lay. Cem. conc 1:5:10 amd SW pipe	20.000	M	Basic Price	813.40	16,268.00
					CGST %	9.00%	1,464.00
					SGST %	9.00%	1,464.00
					Total		19,196.00
					Total Basic Price		93,50,000.03
					Total CGST %		8,41,499.00
					Total SGST %		8,41,499.00
					Total PO Val.		1,10,32,998.03

ONE CRORE TEN LAKH THIRTY TWO THOUSAND NINE HUNDRED NINETY EIGHT Rupees THREE Paise Only

TERMS AND CONDITIONS

1. Scope:

The work comprises of Construction of Health Centre for Industrial Complex at Kameng Hydro Power Station, Kimi as per construction drawings, technical specifications, and Bill of Quantities (BOQ) as given in bid document of tender and as per instruction of the Engineer-in-Charge. The quantities of different items of works, as indicated in the BOQ are tentative and may undergo changes.

2. Value:

The value of work without applicable GST, Cess etc. is INR 93,50,000.00 (Rupees Ninety-three lakh and fifty thousand) only. The applicable GST, Taxes & Duties and Cess etc. shall be payable extra.

3. Price Basis:

As per bid document of tender.

4. Taxes:

GST @ 18%

5. Contract Performance Guarantee/Security Deposit:

As per Bid document

6. Delivery Period/ Completion Time/ Contract Period:

The work under this contract shall be completed in all respect within 450(four hundred fifty) days from the date of issue of LOI subject to handing over of site/front by NEEPCO.

7. Consignee (Storage Location address) /Engineer In-charge:

The HOD, PCW, KaHPS, NEEPCO, Kimi or his authorized representative.

8. Payment Terms:

No advance payment for mobilization or any other cause whatsoever shall be entertained. The amount of payment for each running account bill shall be decided by the Engineer-In-Charge.

9. Paying Authority:

The HOF, NEEPCO, KaHPS, Kimi.

10. Guarantee/Warranty:

As per bid document

11. Penalty/Liquidated Damages:

As per bid document

12. Jurisdiction of Court:

As per bid document

13. Other Terms & Conditions:

Subletting: - The Contractor shall not sublet, transfer or assign the whole or any part of the work under this contract. The Contractor shall not delegate the power of execution to any other person through Power of Attorney without prior approval of the EIC.

Security Deposit: - 10% (ten percent) Security Deposit shall be deducted for due performance of the Contract from the total bill value. The Security Deposit shall be released after successful completion of defect liability period.

All other terms and conditions shall be as per the various sections of Bid document of tender. This detailed work order read in conjunction with the Letter of Intent, Bid document, subsequent correspondences/ minutes of meeting etc. shall constitute a binding Contract between the Contractor (M/S PEMA ENTERPRISES) and NEEPCO.

14. Attachment:

Thanking you,
Yours faithfully,

(Signature) SSBhatt 3.8.24

Name : (S. S. Bhattacharyya)
Designation : General Manager (Tech)
Mobile :
Email ID : cnpkahps@neepco.co.in

rediffmail Mailbox of emgkahep

Subject: Offer for 1no. 2500kVA, 33/0.433kV, 3-ph Dry Type transformer for Kameng HPS, Kimi, A.P

From: deepjb <deepjb@bhel.in> on Thu, 16 May 2024 11:40:35

To: <emgkahep@rediffmail.com>

Cc: <hop.kahps@neepco.co.in>, "'Bulbul Das\(Sr Dy GM/RODGUWCOM/ROD\)'" <bulbul@bhel.in>





Dear Sir,

With reference to trailing mail, our point wise reply is as follows:

1. Discount: We have already offered our most competitive price considering the urgency of the requirement of 2.5 MVA DTT. However, we are offering token discount of Rs. 1 Lakh on Ex-works price due to the long term excellent business relationship with NEEPCO so that order can be placed at the earliest. The revised Ex-works price will be Rs. 1.01 Cr.

2. Payment terms: Accepted.

All other terms and conditions will remain unchanged.

सादर/With regards,
दीप ज्योति बोड़ो/ Deep Jyoti Boro
उप प्रबंधक/Dy. Manager
बी. एच. ई. एल,आर.ओ.डी,गुवाहाटी / BHEL, ROD Guwahati
दुरभाष: Phone: 0361- 2239438
BHEL CORPORATE IDENTITY NUMBER (CIN) - "L74899DL1964GOI004281"

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From: emgkahep@rediffmail.com [mailto:emgkahep@rediffmail.com]
Sent: 14 May 2024 17:56
To: deepjb <deepjb@bhel.in>; BHEL ROD <rodguwahati@rediffmail.com>
Cc: hop.kahps@neepco.co.in
Subject: Re: Offer for 1no. 2500kVA, 33/0.433kV, 3-ph Dry Type transformer for Kameng HPS, Kimi, A.P

Dear sir,
With ref. to your offer No. RE/GAU/0025/2024 dtd. 24.05.2024, you are requested to kindly
1. Provide maximum possible discount on the offered rate.
2. Accept payment terms as 100% with GST after receipt of materials at site in full and good condition.
Regards,
Ashim Kr. Sarmah
Sr. Manager (E/M), PEMW, KaHPS

From: "deepjb" <deepjb@bhel.in>
Sent: Tue, 14 May 2024 17:48:15
To: <emgkahep@rediffmail.com>
Cc: <hop.kahps@neepco.co.in>
Subject: Offer for 1no. 2500kVA, 33/0.433kV, 3-ph Dry Type transformer for Kameng HPS, Kimi, A.P

Dear Sir,

With reference to trailing mail, please find attached offer for Supply of 1no. 2500kVA, 33/0.433kV, 3-ph Dry Type transformer to Kameng HEP, NEEPCO.

सादर/With regards,
दीप ज्योति बोड़ो/ Deep Jyoti Boro
उप प्रबंधक/Dy. Manager
बी. एच. ई. एल,आर.ओ.डी,गुवाहाटी / BHEL, ROD Guwahati
दुरभाष: Phone: 0361- 2239438
BHEL CORPORATE IDENTITY NUMBER (CIN) - "L74899DL1964GOI004281"

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From: emgkahep@rediffmail.com [mailto:emgkahep@rediffmail.com]
Sent: 04 May 2024 12:21
To: BHEL ROD <rodguwahati@rediffmail.com>; bulbul <bulbul@bhel.in>
Cc: rishikesh <rishikesh@bhel.in>; ghmaurya <ghmaurya@bhel.in>; Rahul Thakur <rahulthakur@bhel.in>; deepjb <deepjb@bhel.in>; NITYA NAND <nnraman@bhel.in>; hopkahps <hop.kahps@neepco.co.in>
Subject: Offer for 1no. 2500kVA, 33/0.433kV, 3-ph Dry Type transformer for Kameng HPS, Kimi, A.P

Dear Sir,

We intend to procure 1no. 2500kVA, 33/0.433kV, 3-ph Dry Type transformer for Kameng HPS, Kimi, A.P. As such, it is requested to submit a competitive offer including freight and insurance. The drawings and technical specifications of the transformer shall remain same as per original Contract Agreement no. NEEPCO/ED(C&P)/QP-924/Kameng/Package-VII/Vol-IV/06-07 dated 19-01-2009.

Regards,

B. Tamang
DGM(E/M)
Kameng HPS
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इलेक्ट्रॉनिक ट्रांसमिशन संदेश- ई-मेल के लिए डिस्क्लेमर

इस इलेक्ट्रॉनिक ट्रांसमिशन संदेश में दी गई जानकारी अर्थात ई-मेल और इस इलेक्ट्रॉनिक संदेश के साथ प्रेषित कोई अटैचमेंट केवल प्रेषिती (प्रेषितियों) के उपयोग के लिए है और इसमें व्यक्ति विशेष के लिए, गोपनीय या विशेष रूप से अधिकृत जानकारी हो सकती है। यदि यह जानकारी आपके लिए नहीं है तो आपको इस ई-मेल को प्रसारित, वितरित या कॉपी न करें। यदि आपको यह संदेश गलती से मिला है, तो आपको इस संदेश को नष्ट करना चाहिए और ई-मेल

द्वारा प्रेषक को सूचित कर दें।

ई-मेल ट्रांसमिशन सुरक्षित या त्रुटिरहित होने की गारंटी नहीं है, क्योंकि जानकारी ट्रांसमिशन के दौरान अवरुद्ध हो सकती है, विकृत हो सकती है, खो सकती है, नष्ट हो सकती है, देर से या अपूर्ण रूप में पहुंच सकती है, या वायरस से ग्रस्त हो सकती है। इसलिए, ई-मेल और इसकी विषय-वस्तु (निर्दिष्ट त्रुटियों के साथ या उनके बगैर) की जिम्मेवारी ई-मेल तैयार करने वाले / प्रेषक या बीएचईएल या उसके सहयोगियों की नहीं होगी। इस ई-मेल में उल्लिखित विचार या राय, यदि कोई हो, प्रेषक के ही हैं। यह आवश्यक नहीं है कि ये बीएचईएल या इसकी सहयोगी कंपनियों के विचार या राय के साथ मेल खाएं। लक्षित प्राप्तकर्ता ई-मेल या इसकी विषय-वस्तु पर कार्रवाई करने से पहले वैकल्पिक संचार तंत्र के माध्यम से जानकारी या निहितार्थ को सत्यापित करवा सकते हैं।

चेतावनी: यद्यपि कंपनी ने यह सुनिश्चित करने के लिए कि इस ई-मेल में कोई वायरस मौजूद नहीं हो, काफी सावधानी बरती है, फिर भी प्राप्तकर्ता यह जाँच कर लें कि इस ई-मेल और इसके अटैचमेंट्स में वायरस न हों। इस ई-मेल द्वारा संक्रामित किसी वायरस के कारण होने वाली किसी क्षति के लिए ई-मेल का प्रेषक या बीएचईएल जिम्मेदार नहीं हैं।

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इलेक्ट्रॉनिक ट्रांसमिशन संदेश- ई-मेल के लिए डिस्क्लेमर

इस इलेक्ट्रॉनिक ट्रांसमिशन संदेश में दी गई जानकारी अर्थात ई-मेल और इस इलेक्ट्रॉनिक संदेश के साथ प्रेषित कोई अटैचमेंट केवल प्रेषिती (प्रेषितियों) के उपयोग के लिए है और इसमें व्यक्ति विशेष के लिए, गोपनीय या विशेष रूप से अधिकृत जानकारी हो सकती है। यदि यह जानकारी आपके लिए नहीं है तो आपको इस ई-मेल को प्रसारित, वितरित या कॉपी न करें। यदि आपको यह संदेश गलती से मिला है, तो आपको इस संदेश को नष्ट करना चाहिए और ई-मेल द्वारा प्रेषक को सूचित कर दें।

ई-मेल ट्रांसमिशन सुरक्षित या त्रुटिरहित होने की गारंटी नहीं है, क्योंकि जानकारी ट्रांसमिशन के दौरान अवरुद्ध हो सकती है, विकृत हो सकती है, खो सकती है, नष्ट हो सकती है, देर से या अपूर्ण रूप में पहुंच सकती है, या वायरस से ग्रस्त हो सकती है। इसलिए, ई-मेल और इसकी विषय-वस्तु (निर्दिष्ट त्रुटियों के साथ या उनके बगैर) की जिम्मेवारी ई-मेल तैयार करने वाले / प्रेषक या बीएचईएल या उसके सहयोगियों की नहीं होगी। इस ई-मेल में उल्लिखित विचार या राय, यदि कोई हो, प्रेषक के ही हैं। यह आवश्यक नहीं है कि ये बीएचईएल या इसकी सहयोगी कंपनियों के विचार या राय के साथ मेल खाएं। लक्षित प्राप्तकर्ता ई-मेल या इसकी विषय-वस्तु पर कार्रवाई करने से पहले वैकल्पिक संचार तंत्र के माध्यम से जानकारी या निहितार्थ को सत्यापित करवा सकते हैं।

चेतावनी: यद्यपि कंपनी ने यह सुनिश्चित करने के लिए कि इस ई-मेल में कोई वायरस मौजूद नहीं हो, काफी सावधानी बरती है, फिर भी प्राप्तकर्ता यह जाँच कर लें कि इस ई-मेल और इसके अटैचमेंट्स में वायरस न हों। इस ई-मेल द्वारा संक्रामित किसी वायरस के कारण होने वाली किसी क्षति के लिए ई-मेल का प्रेषक या बीएचईएल जिम्मेदार नहीं हैं।

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नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉरपोरेशन लिमिटेड
(भारत सरकार का उद्यम)
NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
(Government of India Enterprise)
Office of the Executive Director, Contracts & Procurement
Brookland Compound, Lower New Colony
Shillong-793 003, Meghalaya, India
Tel. No.0364-2227784 :: E-mail: contract_neepco@yahoo.com
Website: www.neepco.co.in, CIN-U40101ML1976GOI001658

No.: NEEPCO/QP/ED/C&P/F/C/KaHEP(PP)-560/Vol-I/2022-23/ 311 Dated 10-05-2022

To,

Sri Vijetha Engineers and Infrastructure Pvt Ltd.,
J. R. Residency, H. No. 8-2-1, Flat No. 505,
Srinagar Colony Road, Punjagutta,
Hyderabad-500082.
Mobile No. 8498099999
E-Mail: cdsurapaneni@hotmail.com

Attention: Mr. S. Phaneendra Chowdary, Authorised Signatory

Sub: Detailed Work Order (DWO) for the work of "Construction of Plunge Pool and Extension of Apron at d/s of Bichom Dam under Kameng Hydro Power Station (earlier known as Kameng H.E. Plant), Arunachal Pradesh".

Ref: (i) Your acceptance to LOI vide letter No. SVEIPL/ BICHOM/CD/03 Dated 06-05-2022.
(ii) This Office LOI No. NEEPCO/QP/ED/C&P/F/C/KaHEP(PP)-560/Vol-I/2022-23/269 Dtd. 04.05.2022.
(iii) Minutes of Meeting held on 20-04-2022 on applicability of GST rate.
(iv) Your clarification vide email Dated 10-04-2022 & 18-04-2022 on rate of GST.
(v) This Office email Dated 08-04-2022 & 13-04-2022 seeking clarifications on rate of GST.
(vi) Minutes of Price Negotiation meeting held on 30-03-2022 over VC.
(vii) Your email Dated 10-03-2022 submitting clarifications on Price Bid.
(viii) This Office email Dated 08-03-2022 seeking clarifications on Price Bid.
(ix) Your email Dated 05-01-2022, 17-01-2022 & 19-01-2022 submitting clarifications on Techno-Commercial Bid.
(x) This Office email Dated 03-01-2022 & 12-01-2022 seeking clarifications on Techno-Commercial Bid.
(xi) Your submission of Bid opened on 24-12-2021.
(xii) Corrigendum No. 4 Dated 17-12-2021.
(xiii) Pre-bid Clarifications No. 2 Dated 16-12-2021.
(xiv) Corrigendum No. 3 Dated 15-12-2021
(xv) Pre-bid Clarifications No. 1 Dated 13-12-2021.
(xvi) Corrigendum No. 2 Dated 13-12-2021.
(xvii) Corrigendum No. 1 Dated 02-12-2021.
(xviii) NIB No. 406 Dated 18-11-2021.

Dear Sir(s),

With reference to above, the North Eastern Electric Power Corporation Limited (hereinafter referred to as the **"Corporation"**) is pleased to place this Detailed Work Order (DWO) for the above mentioned work, with **Sri Vijetha Engineers and Infrastructure Pvt Ltd.**, Hyderabad (hereinafter referred to as the **"Contractor"**) as per scope, terms & conditions of the NIB No. 406 Dated 18-11-2021, Bid document, Corrigenda and Pre-Bid Clarifications issued thereto, Minutes of meetings held with you on 30-03-2022 and 20-04-2022 and LOI No. 269 Dated 04-05-2022.

The salient Terms and Conditions are mentioned below for reference:

1. **SCOPE OF WORK:**

The overall scope of work covered under this Contract comprises of **"Construction of Plunge Pool and Extension of Apron at d/s of Bichom Dam under Kameng Hydro Power Station (erstwhile Kameng H.E. Plant), Arunachal Pradesh"**, complete in all respect, as indicated in Clause 2, Part-1 (Detail NIB) of Bid document.

The quantities of different items of works, as indicated in the Bill of Quantities (BOQ) enclosed at **Annexure-I** are tentative and may undergo changes.

The cost of materials and components not specifically stated in any items of BOQ but are necessary for satisfactory completion of the said item of works as per Technical Specifications in all respect, shall be deemed to have been included in the scope of work, for which no extra claim shall be entertained by the Corporation.

2. **TIME OF COMPLETION:**

The time of completion for the entire scope of work is 26 (Twenty Six) months from the date of issue of Letter of Intent (LOI).

The Contractor shall submit the following demonstrating the procedure to be adopted for completing the work in all respect within the stipulated time of completion:

(i) Work Programme, indicating the sequence of various activities and the order of procedure proposed to be adopted to carry out and complete the work in all respect within the stipulated time of completion.

(ii) Mobilisation Schedule of manpower.

(iii) Mobilisation schedule of plants & equipment.

(iv) Mobilisation schedule of materials required for the job indicating the source.

The above documents shall be submitted to the Engineer-In-Charge, for his approval and the same shall form an integral part of the Contract Agreement. The Contractor shall strictly adhere to such Approved Work Programme and Mobilisation schedules.

3. **CONTRACT PRICE:**

The Contract Price is Rs. 27,89,34,419.61, which is rounded off to **Rs. 27,89,34,420.00 (Rupees twenty seven crore, eighty nine lakh, thirty four thousand, four hundred twenty only).** The following may be noted:

(i) With reference to the Minutes of Price Bid Negotiation Meeting held on 30-03-2022 (Ref. vi above), the Contract Price is arrived at by application of discount @ 1% on the rates of each BOQ items quoted in Price Bid.

(ii) The Contract price is inclusive of all applicable taxes, duties, levies, cess etc. in terms of Bid conditions.

(iii) GST @18% is considered applicable, as on reference/ base date (25-11-2021, i.e. 28 days prior to the latest date for submission of bids). With reference to Minutes of Meeting held on 20-04-2022 (Ref iii above), Contractor shall approach the GST authority of appropriate jurisdiction seeking advance ruling on applicable rate of GST as on reference date (25-11-2021). Based on the advance ruling to be obtained from the GST authority, adjustment on the GST rate, if admissible shall be made in terms of Clause 73.2, Part-4 (Conditions of Contract) of Bid document.

(iv) The rates quoted against BOQ Items No. 1.11, 1.21, 1.41, 9 & 13 are considered as Abnormally High Rates (AHR) in terms of Clause 23.1(iii), Part-3 of Bid document.

4. **TAXES DUTIES, LEVIES ETC.:**

Provisions of Clause 61, Part-4 (Conditions of Contract) of Bid document shall prevail.

Any changes in taxes, duties, cess, levies etc. that may arise after the base date (25-11-2021) during the currency of the Contract shall be regulated by the provisions of Clause 73.2, Part-4 (Conditions of Contract) of Bid document.

5. **TERMS OF PAYMENT:**

The payment to the Contractor for the works executed under the Contract shall be governed by the relevant provisions of Clause 52, 53, 54 & 55, Part-4 (Conditions of Contract) of the Bid document.

Paying Authority: All payments shall be made by the Head of Finance, F&A, Kameng Hydro Power Station, NEEPCO Ltd., Kimi, West Kameng District, Arunachal Pradesh-790114, India. who shall release the payment based on certification by the Engineer-in-Charge.

6. **PRICE ADJUSTMENT / VARIATION:**

Price adjustment against the gross value of the work done shall be governed by the provisions of Clause 73, Part-4 (Conditions of Contract) of Bid document.

7. **ADVANCES AND RECOVERIES THEREOF:**

Advances for Initial Mobilization, Plant and Equipment & Secured Advance shall be governed by the provisions of Clause 71, Part-4 (Conditions of Contract) of Bid document.

8. **COMMENCEMENT OF WORK:**

The work shall be started within 30 (thirty) days from the date of issue of Letter of Intent (LOI was issued on 04-05-2022) as per the provisions of Clause 27, Part-4 (Conditions of Contract) of Bid document.

9. **COMPENSATION FOR DELAY:**

The compensation to be paid by the Contractor for delay in completing the work shall be governed by the provisions of Clause 25, Part-4 (Conditions of Contract) of Bid document.

10. **CONSTRUCTION DRAWINGS:**

Approved Construction Drawings shall be issued to the Contractor in a phased manner from time to time as per requirements. The Contractor shall execute the work as per the approved Construction Drawings.

11. **POWER SUPPLY:**

The supply of power for the Contract shall be governed by the provisions of Clause 50, Part-4 (Conditions of Contract) of Bid document.

12. **LABOUR:**

The Contractor shall deploy labour for execution of the work as per the provisions of Clause 35, Part-4 (Conditions of Contract) of Bid document.

13. **CONSTRUCTION PLANT AND EQUIPMENT:**

The Contractor shall deploy all required plant, equipment and machinery in good and running condition for execution of the work as per Clause 41, Part-4 (Conditions of Contract) of Bid document.

14. **CONSTRUCTION MATERIALS:**

The Contractor shall arrange and supply all materials, consumables etc. except explosives required for execution of the works, at his own expense, as per provisions of Clause 31, Part-3 (Instruction to Bidders) and Clause 48, Part-4(Conditions of Contract) of Bid document.

Explosives required for the work shall be issued by the Corporation to the Contractor from the Corporation's magazine located at Project site, on recovery basis at the rates specified in the said Clause 31, Part-3(Instruction to Bidders) and Appendix-VI, Part-4 (Conditions of Contract) of Bid document.

15. **TESTING, INSPECTION AND QUALITY ASSURANCE:**

The Contractor shall submit a suitable Quality Assurance Programme (QAP) to the Engineer-In-Charge for his approval and approved QAP shall form an integral part of the Contract Agreement. The Contractor shall execute the work following the approved QAP as per the provisions of Clause 46, Part-4 (Conditions of Contract) of Bid document.

16. **SAFETY AND SECURITY:**

The Contractor shall ensure the Safety and Security Measures as per the provisions of Clause 64, Part-4(Conditions of Contract) of Bid document.

17. **ENVIRONMENTAL PROTECTION MEASURES:**

The Contractor shall ensure the Environmental Protection Measures as per the provisions of Clause 16, Part-4(Conditions of Contract) of Bid document.

18. **SECURITY DEPOSIT:**

(i) The Contractor shall deposit an Initial Security Deposit (ISD) equivalent to 1% (one percent) of the Contract Sum i.e. for an amount of Rs. 27,89,344.00 (Rupees twenty seven lakh, eighty nine thousand, three hundred, forty four only) to this Office in the form of Bank Guarantee as per prescribed format provided in Annexure-I of Part-3 of Bid Document. This will be treated as part of the Security Deposit.

(ii) For due performance of the Contract, Security Deposit of 3% (three percent) of the total value of the work actually executed inclusive of escalation and value of extra works etc. shall be deducted from every interim payment made on account of this work as per provisions of Clause 3, Part-4(Conditions of Contract) of Bid document. However, Security Deposit shall not be deducted from the payments made to the Contractor till the Security Deposit becomes equal to ISD.

19. **ACCOMODATION:**

In terms of Minutes of Price Negotiation Meeting held on 30-03-2022, Field Hostel accommodation of 9 (nine) rooms and 1 (one) family quarter in Bichom shall be provided to the Contractor for accommodation of his field staff during execution of the work under following terms & conditions:

(i) Electricity charges for these accommodations shall be recovered based on actual consumption.

(ii) The accommodation so provided shall not be misused and shall be maintained with due care during the period of occupation and handed over to the Corporation on completion of the work in good condition to the satisfaction of the Engineer-in-Charge.

20. **SIGNING OF CONTRACT AGREEMENT:**

(i) The Contract Agreement shall be signed between the Corporation and the Contractor within 21 (twenty one) days from the date of issue of Detailed Work Order (DWO), in terms of Clause 26(iii), Part-3(Instruction to Bidders) of Bid document.

(ii) The Contractor shall submit 3(three) nos. of Non-Judicial Stamp Papers of Rs. 100.00 (Rupees one hundred only), each to be purchased in the State of Meghalaya for signing of the Contract Agreement.

(iii) Until a formal Contract Agreement is executed, LOI, DWO read in conjunction with NIB, Bid document, subsequent Corrigenda and Pre-Bid Clarifications thereto, Minutes of meetings held with you on 30-03-2022 and 20-04-2022 shall constitute a binding Contract between the Contractor and the Corporation in terms of Clause 26(ii), Part-3 of Bid document.

You are requested to acknowledge receipt of this Detailed Work Order and convey your unconditional acceptance of the same within 5(five) days from the date of issue of this DWO. Further, the documents mentioned at Serial 2 (I, ii, iii and iv), 15 and the ISD shall be submitted within the stipulated date to enable signing of the contract within 21 days of issue of this Detailed Work Order.

Thanking You.

Enclo.: As above.

Yours sincerely,

10/05/2022

(S. Goswami)
Chief General Manager(C)
I/c Contracts & Procurement

NOT IN ORIGINAL

Memo No.: NEEPCO/QP/ED/C&P/F/C/KaHEP(PP)-560/Vol-I/2022-23/ 312-322 Dated 10-05-2022

Copy to:

1. The Chairman and Managing Director, NEEPCO Ltd., Shillong for favour of kind information please.
2. The Director (Technical), NEEPCO Ltd., Shillong for favour of kind information please.
3. The Director (Finance), NEEPCO Ltd., Shillong for favour of kind information please.
4. The ED-Projects (Hydro), NEEPCO Ltd., Shillong for kind information please.
5. The ED(O&M), NEEPCO Ltd., Shillong for kind information please.
6. The ED(D&E), NEEPCO Ltd., Guwahati, for kind information and necessary action for issue of required construction drawings for execution of the work please.
7. The Head of Plant, Kameng Hydro Power Station, Kimi, West Kameng District, Arunachal Pradesh-790114 for kind information and necessary action please. He is requested that once the Work Plan, Mobilisation Schedules (for man-power, materials and plants & equipment) and Quality Assurance Programme to be submitted by the Contractor are approved, the same shall be forwarded to this Office, in original, for inclusion in the Contract Agreement.
8. The CGM(E/M), CPMG, NEEPCO Ltd., Shillong for kind information.
9. The CGM (Fin), IC&A, NEEPCO Ltd., Shillong for kind information.
10. The CGM (Fin), Concurrence, NEEPCO Ltd., Shillong for kind information.
11. The Head of Finance/DGM(Fin), F&A Wing, Kameng Hydro Power Station, Kimi, West Kameng District, Arunachal Pradesh-790114 for information and necessary action please.

10/05/2022

Chief General Manager (C), I/c C&P

OFFICE OF THE EXECUTIVE DIRECTOR C&P NEEPCO SHILLONG

Contract | अनुबंध

Contract No | अनुबंध क्रमांक: GEMC-511687738159997
Generated Date | अनुबंध तिथि: 16-Dec-2023
Bid/RA/PBP No. | बोली/आरए/पीबीपी संख्या: GEM/2023/B/3790173

Organisation Details | संगठन विवरण

Type | प्रकार :	Central PSU
Ministry | मंत्रालय :	Ministry of Power
Department | विभाग :	NORTH EASTERN ELECTRIC POWER Corporation Limited
Organisation Name | संगठन का नाम :	NORTH EASTERN ELECTRIC POWER Corporation Limited
Office Zone | कार्यालय क्षेत्र:	Kameng Hydro Power Station

Buyer Details | खरीदार विवरण

Designation | पद :	Deputy General Manager
Contact No. | संपर्क नंबर :	03787-273562-
Email ID | ईमेल आईडी :	indrajitdas@neepco.co.in
GSTIN | जीएसटीआईएन :	12AAACN9991J1Z1
Address | पता :	Kameng Hydro Power Station Kimi, West Kameng, WEST KAMENG, ARUNACHAL PRADESH-790114, India

Financial Approval Detail | वित्तीय स्वीकृति विवरण

IFD Concurrence | आईएफडी सहमति:	No
Designation of Administrative Approval | प्रशासनिक अनुमोदन का पदनाम:	Head of Plant
Designation of Financial Approval | वित्तीय अनुमोदन का पदनाम :	Head of Plant

Paying Authority Details | भुगतान प्राधिकरण विवरण

Role:	PAO
Payment Mode | भुगतान का तरीका:	Internet Banking
Designation | पद :	Deputy General Manager Finance
Email ID | ईमेल आईडी :	sidhadey@neepco.co.in
GSTIN | जीएसटीआईएन :	-
Address | पता:	Kameng Hydro Power Station Kimi, West Kameng, West Kameng, ARUNACHAL PRADESH-790114, India

Seller Details | विक्रेता विवरण

GeM Seller ID | जेम विक्रेता आईडी :	ZTMR210002886468
Company Name | कंपनी का नाम :	MARUTI ENGINEERING COMPANY
Contact No. | संपर्क नंबर :	08638613145
Email ID | ईमेल आईडी :	marutiengg22@rediffmail.com
Address | पता :	H-No-93,,Kalapahar,,Bhaskar Nagar, Guwahati,,Kamrup Metropolitan, guwahati, assam-781018, -
MII Status | एमआईआई स्थिति:	True
MSME verified | एमएसएमई सत्यापित :	No
MSME Registration number | एमएसएमई पंजीकरण संख्या :	UDYAM-AS-03-0003709
MSE Social Category | एमएसई सामाजिक श्रेणी :	General
MSE Gender | एमएसई लिंग श्रेणी :	Male
GSTIN | जीएसटीआईएन:	18APZPB7996J1ZR

*GST / Tax invoice to be raised in the name of | जिसके नाम के पक्ष में GST/TAX इनवॉइस पेश किया जाएगा - Consignee

Delivery Instructions | वितरण निर्देश : NA

Product Details | उत्पाद विवरण

#	Item Description | आइटम विवरण	Ordered Quantity | आइटम विवरण	Unit | इकाई	Unit Price (INR) | इकाई मूल्य (INR)	Tax Bifurcation (INR) | कर विभाजन (INR)	Price (Inclusive of all Duties and Taxes in INR) | मूल्य (INR में सभी शुल्क और कर सहित)
1	Product Name | उत्पाद का नाम : Submersible Pump of 350 M3 Per hour capacity with OEM fitted 165 M submersible power supply cable, starter panel along with accessories as per specification documents. Brand | ब्रांड : KIRLOSKAR BROTHERS LIMITED Brand Type | ब्रांड प्रकार : Unbranded Catalogue Status | कैटलॉग की स्थिति: Catalogue not verified by OEM Selling As | कैसे बेचा जा रहा है : Reseller not verified by OEM Category Name & Quadrant | श्रेणी का नाम और चतुर्थांश : BOQ (Q3) Model | मॉडल: NS150/40Q (S2 MOC) HSN Code | एचएसएन कोड: 8413	1	Set	3,186,000	NA	3,186,000
2	Product Name | उत्पाद का नाम : Submersible Pump of 350 M3 per hour capacity with OEM fitted 125 M submersible power supply cable, starter pane along with accessories as per specification document. Brand | ब्रांड : KIRLOSKAR BROTHERS LIMITED Brand Type | ब्रांड प्रकार : Unbranded Catalogue Status | कैटलॉग की स्थिति: Catalogue not verified by OEM Selling As | कैसे बेचा जा रहा है : Reseller not verified by OEM Category Name & Quadrant | श्रेणी का नाम और चतुर्थांश : BOQ (Q3) Model | मॉडल: NS150/40Q (S2 MOC) HSN Code | एचएसएन कोड: 8413	1	Set	2,950,000	NA	2,950,000
	Product Name | उत्पाद का नाम : 150NB, 4 Ply Rubber Hose of 5M length with both end MS flanges suitable for above pump discharge line with required nut-bolts and washers					

3	Brand|ब्रांड : KIRLOSKAR BROTHERS LIMITED Brand Type|ब्रांड प्रकार : Unbranded Catalogue Status|कैटलॉग की स्थिति: Catalogue not verified by OEM Selling As|कैसे बेचा जा रहा है : Reseller not verified by OEM Category Name & Quadrant|श्रेणी का नाम और चतुर्थांश : BOQ (Q3) Model|मॉडल: RUBBER HOSE 150NB 5M HSN Code|एचएसएन कोड: 4009	6	Set	61,212	NA	367,272
4	Product Name|उत्पाद का नाम : 150NB CS or WCB NRV withboth end flange suitable for above hose pipe flange and pump outlet with required nut-bolts and washers Brand|ब्रांड : KIRLOSKAR BROTHERS LIMITED Brand Type|ब्रांड प्रकार : Unbranded Catalogue Status|कैटलॉग की स्थिति: Catalogue not verified by OEM Selling As|कैसे बेचा जा रहा है : Reseller not verified by OEM Category Name & Quadrant|श्रेणी का नाम और चतुर्थांश : BOQ (Q3) Model|मॉडल: 150 NB NRV VALVE HSN Code|एचएसएन कोड: 8481	2	Set	57,200	NA	114,400
5	Product Name|उत्पाद का नाम : 150NB CS gate valve of 150 class withboth end flange suitable for above hose pipe flange and pump outlet with required nut-bolts and washers Brand|ब्रांड : KIRLOSKAR BROTHERS LIMITED Brand Type|ब्रांड प्रकार : Unbranded Catalogue Status|कैटलॉग की स्थिति: Catalogue not verified by OEM Selling As|कैसे बेचा जा रहा है : Reseller not verified by OEM Category Name & Quadrant|श्रेणी का नाम और चतुर्थांश : BOQ (Q3) Model|मॉडल: 150NB GATE VALVE HSN Code|एचएसएन कोड: 8481	2	Set	57,200	NA	114,400
6	Product Name|उत्पाद का नाम : Supervison of Installation and Commissioning Brand|ब्रांड : KIRLOSKAR BROTHERS LIMITED Brand Type|ब्रांड प्रकार : Unbranded Catalogue Status|कैटलॉग की स्थिति: Catalogue not verified by OEM Selling As|कैसे बेचा जा रहा है : Reseller not verified by OEM Category Name & Quadrant|श्रेणी का नाम और चतुर्थांश : BOQ (Q3) Model|मॉडल: INSTALLATION HSN Code|एचएसएन कोड: 9987	10	Mandays	30,000	NA	300,000
Total Order Value |कुल ऑर्डर मूल्य (in INR)						7,032,072

Consignee Detail|परेषिती विवरण

S.No|क्र.सं.	Consignee|परेषिती	Item|वस्तु	Lot No.|लॉट नंबर	Quantity|मात्रा	Delivery Start After|डिलीवरी शुरू करना है	Delivery To Be Completed By|डिलीवरी पूरा कब तक करना है
1	Designation|पद : - Email ID|ईमेल आईडी : jayantagayan@neepco.co.in Contact|संपर्क : - GSTIN|जीएसटीआईएन : - Address|पता : Kameng Hydro Power Station Kimi, West Kameng, WEST KAMENG, ARUNACHAL PRADESH-790114, India	Submersible Pump of 350 M3 Per hour capacity with OEM fitted 165 M submersible power supply cable, starter panel along with accessories as per specification documents.	-	1	16-Dec-2023	15-Jan-2024
		Submersible Pump of 350 M3 per hour capacity with OEM fitted 125 M submersible power supply cable, starter pane along with accessories as per specification document.	-	1	16-Dec-2023	15-Jan-2024
		150NB, 4 Ply Rubber Hose of 5M length with both end MS flanges suitable for above pump discharge line with required nut-bolts and washers	-	6	16-Dec-2023	15-Jan-2024
		150NB CS or WCB NRV withboth end flange suitable for above hose pipe flange and pump outlet with required nut-bolts and washers	-	2	16-Dec-2023	15-Jan-2024
		150NB CS gate valve of				

		150 class withboth end flange suitable for above hose pipe flange and pump outlet with required nut-bolts and washers	-	2	16-Dec-2023	15-Jan-2024
		Supervison of Installation and Commissioning	-	10	16-Dec-2023	15-Jan-2024

Specification | विनिर्देश 1

Specification Document | विशिष्टता दस्तावेज

Buyer BOQ Document | क्रेता बीओक्यू दस्तावेज

Compliance of BOQ Specification And Supporting Document | बीओक्यू विशिष्टता और सहायक दस्तावेज का अनुपालन

Note | टिप्पणी: Seller has given an undertaking that it has made arrangements for getting the stores from an authorized distributor / dealer / channel partner of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of GST Invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.

Note | टिप्पणी: Seller has given an undertaking that it has made arrangements for getting the stores from an authorized distributor / dealer / channel partner of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of GST Invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.

Specification | विनिर्देश 2

Specification Document | विशिष्टता दस्तावेज

Buyer BOQ Document | क्रेता बीओक्यू दस्तावेज

Compliance of BOQ Specification And Supporting Document | बीओक्यू विशिष्टता और सहायक दस्तावेज का अनुपालन

Note | टिप्पणी: Seller has given an undertaking that it has made arrangements for getting the stores from an authorized distributor / dealer / channel partner of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of GST Invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.

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Specification | विनिर्देश 3

Specification Document | विशिष्टता दस्तावेज

Buyer BOQ Document | क्रेता बीओक्यू दस्तावेज

Compliance of BOQ Specification And Supporting Document | बीओक्यू विशिष्टता और सहायक दस्तावेज का अनुपालन

Note | टिप्पणी: Seller has given an undertaking that it has made arrangements for getting the stores from an authorized distributor / dealer / channel partner of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of GST Invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.

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Specification | विनिर्देश 4

Specification Document | विशिष्टता दस्तावेज

Buyer BOQ Document | क्रेता बीओक्यू दस्तावेज

Compliance of BOQ Specification And Supporting Document | बीओक्यू विशिष्टता और सहायक दस्तावेज का अनुपालन

Note | टिप्पणी: Seller has given an undertaking that it has made arrangements for getting the stores from an authorized distributor / dealer / channel partner of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of GST Invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.

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Specification|विनिर्देश 5

Specification Document|विशिष्टता दस्तावेज़

Buyer BOQ Document|क्रेता बीओक्यू दस्तावेज़

Compliance of BOQ Specification And Supporting Document|बीओक्यू विशिष्टता और सहायक दस्तावेज़ का अनुपालन

Note|टिप्पणी: Seller has given an undertaking that it has made arrangements for getting the stores from an authorized distributor / dealer / channel partner of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of GST Invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.

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Specification|विनिर्देश 6

Specification Document|विशिष्टता दस्तावेज़

Buyer BOQ Document|क्रेता बीओक्यू दस्तावेज़

Compliance of BOQ Specification And Supporting Document|बीओक्यू विशिष्टता और सहायक दस्तावेज़ का अनुपालन

Note|टिप्पणी: Seller has given an undertaking that it has made arrangements for getting the stores from an authorized distributor / dealer / channel partner of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of GST Invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.

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ePBG Detail | ईपीबीजी विवरण

Advisory Bank | सलाहकार बैंक :	State Bank of India
ePBG Percentage(%) | ईपीबीजी प्रतिशत (%) :	10.00

The bidder shall furnish ePBG as applicable as per bid's terms and conditions | बोली लगाने वाले को बोली के नियमों और शर्तों के अनुसार लागू ईपीबीजी प्रस्तुत करना होगा

Terms and Conditions|नियम और शर्तें

1. General Terms and Conditions-

1.1 This contract is governed by the General Terms and Conditions, conditions stipulated to this Product/Service as provided in the Marketplace.

1.2 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

2. Buyer Added Bid Specific Terms and Conditions-

2.1 *Generic*

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2.2 *Generic*

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

2.3 *Scope of Supply:*

Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

2.4 *Buyer Added Bid Specific ATC*

Buyer uploaded ATC document Click here to view the file.

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ tranaction purpose.

नोट: यह सिस्टम जनरेटेड फाइल है। कोई हस्ताक्षर की आवश्यकता नहीं है। इस दस्तावेज का प्रिंट आउट भुगतान/लेन-देन उद्देश्य के लिए मान्य नहीं है।

नीपको
NEEPCO
ISO: 9001:2008 & 45001

(वारत सरकार का उद्यम)
NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
(Mini Ratna, Category I A Govt. of India Enterprise)
CIN No: U40101ML1976GOI001658, Website: www.neepco.co.in
OFFICE OF THE EXECUTIVE DIRECTOR (CONTRACTS & PROCUREMENT)
Brooklund Compound: Lower New Colony: Shillong 793003, Meghalaya
Tel. No. 0364-2227784, E-mail: contract_neepco@yahoo.com/contract@neepco.co.in

No. NEEPCO/QP/ED/C&P/F/C/KaHEP-557/2021-22/ 2407 Dated 10.02.2022.

To

M/s Tama Fabrication Works,
A Sector, P.O. Naharlagun,
Pin -791110, Arunachal Pradesh.
Tel. No. 0360- 2350336,
Email: techitama@gmail.com, techitama@rediffmail.com.

Kind Attention: Sri Tama Techi, Proprietor

Sub:- **Detailed Work Order (DWO) for the work "Construction of Superstructure of balance 3(three) Nos. of Steel Girder Bridges over Shishnimgo Nallah (CH. 13020.00 M), Golden Vishnu Nallah (CH. 16320.00 M) and Ken Nallah (CH. 17820.00 M) on Pinjori-Kimi Road, Kameng H.E. Plant, West Kameng District, Arunachal Pradesh".**

Ref:
1. Your unconditional acceptance of LOI vide letter No. TF/NEEPCO/BRDG/1272/2021-22/ 638 Dated 03.02.2022
2. LOI No. NEEPCO/QP/ED/C&P/F/C/KaHEP-557/2021-22/2328 Dated 02.02.2022
3. Your tender submitted online in response to NEEPCO's NIB No. 405 Dated 06.10.2021
4. Corrigendum No. 01 Dated 03.11.2021.
5. NIB No. 405 Dated 06.10.2021.

Dear Sir(s),

With reference to the above, the North Eastern Electric Power Corporation Limited (hereinafter referred to as the "**Corporation**") is pleased to issue this Detailed Work Order for the above mentioned work, with M/s Tama Fabrication Works, Naharlagun, at its quoted price as per the Bill of Quantities (BOQ) enclosed at **Annexure-A** and the Terms & Conditions stipulated in the Detailed Bid Document and as indicated in the LOI.

Few of the salient Terms and Conditions are mentioned below for ready reference.

1. **Scope of Work:**

The overall scope of work covered under this Contract comprises of the following:

"Construction of Superstructure of balance 3(three) Nos. of Steel Girder Bridges over Shishnimgo Nallah (CH. 13020.00 M), Golden Vishnu Nallah (CH. 16320.00 M) and Ken Nallah (CH. 17820.00 M) on Pinjori-Kimi Road, Kameng H.E. Plant, West Kameng District, Arunachal Pradesh" in all respect as per the Technical Specifications, Part-5 of the detailed Bid Document.

The quantities indicated in Bill of Quantities shall be treated as approximate only and for comparing Bids. The Contractor shall execute the entire quantity of work required for completing the job as per specifications, drawings and direction of Engineer-in-Charge at the rates entered in the Bill of Quantities.

Cost of materials and components not specifically stated in any items of Bill of Quantities but are necessary for satisfactory completion of the said item of works as per Specification in all respect, shall be deemed to have been included in the scope of work for which no extra claim shall be entertained.

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NEEPCO
ISO: 9001, 14001 & 45001

(Mini Ratna, Category-I, A Govt. of India Enterprise)
NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
CIN No: U40101ML1976GOI001658, Website: www.neepco.co.in
OFFICE OF THE EXECUTIVE DIRECTOR (CONTRACTS & PROCUREMENT)
Brookland Compound: Lower New Colony: Shillong-793003, Meghalaya
Tel. No. 0364-2227784, E-mail: contract_neepco@yahoo.com/contract@neepco.co.in

2. **Price:**

The Contract Price shall be ₹ 7,85,92,860.00 **(Rupees seven crore eighty five lakh ninety two thousand eight hundred sixty only) inclusive of all applicable Indian and Non-Indian Taxes, Duties, Levies, Cess etc.,** as per the Scope, Technical Specifications, Conditions of Contract and all other terms and conditions stipulated in the Bid Document and Corrigendum issued thereto.

3. **Taxes, Duties, Levies etc.:**

The rates as indicated against various item of works in the Bill of Quantities are inclusive of all applicable Indian and Non-Indian Taxes, Duties, Levies, Cess etc. that may be leviable by Government or any other agency, existing 28 (twenty eight) days prior to the latest date of submission of the bids (latest date of submission of Bid is 16.10.2021). Any increase in the above mentioned taxes, duties, cess, levies etc. that may arise during the currency of the Contract shall not be paid by the Corporation to the Contractor nor the decrease in such taxes, duties, levies, cess etc. be recovered from him. However, any new taxes, duties, levies, cess etc. imposed after the date which is 28 (twenty eight) days prior to the latest date of submission of Bids shall be reimbursed on production of documentary evidence. All other provisions of Clause 61, Part-4, Conditions of Contract of the Bid Document, shall prevail in this regard.

4. **Price Adjustment:**

No price adjustment in respect of any item of work provided in the Bill of Quantities would be allowed as per the provisions of Clause 73, Part-4, Conditions of Contract of the Bid Document.

5. **Terms of Payment:**

The Terms of Payment for the works shall be as follows:

For Item-1: Payment for Supply, transportation, storage, fabrication & erection of structural steel members shall be made in accordance with the following schedule:

i) Receipt of Materials at fabrication work shop: 20%

ii) Fabrication of steel members: 15%

iii) Transportation to site: 5%

iv) Erection/ Launching: 30%

v) Load Testing of the Bridge: 10%

vi) Completion in all respects: 20%

For Item-2: Payment of Bearings shall be done in actual numbers of installed Bearings.

The payment to the Contractor for the performance of the works under the Contract shall be governed by the provisions of Clause 52, 53, 54 & 55 of Part-4, Conditions of Contract of the Bid Document and other relevant provisions in the Bid Document.

6. **Commencement of Work:**

The work is to be started from the date of issue of Letter of Intent (i.e. 02.02.2022) as per the provisions of Clause 26(i), Part-3, Instruction to Bidders of the Bid Document and Clause 27, Part-4, Conditions of Contract of the Bid Document.

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7. **Completion Time:**

The entire work under this Contract shall be completed in all respect within 10(ten) months from the date of issue of Letter of Intent. The Contractor shall strictly adhere to Approved Work Programme, Mobilisation Schedule of Manpower, Mobilisation Schedule of Plants & Equipment, Mobilisation Schedule of Materials and Quality Assurance Plan, for completing the works in all respect in 10(ten) months from the date of issue of Letter of Intent.

8. **Compensation for Delay:**

The compensation to be paid by the Contractor for delay in completing the work shall be governed by the provisions of Clause 25, Part-4, Conditions of Contract of the Bid Document.

9. **Detailed Work Programme, Mobilisation Schedules of Manpower, Plants & Equipment and Materials:**

The Contractor shall submit the following approved by Project Authority of Kameng Hydro Power Station, KaHPS, NEEPCO Ltd., Kimi, West Kameng District, Arunachal Pradesh, within 15(fifteen) days of issue of LOI in terms of Clause 33, Part-3, Instruction to Bidders of the Bid Document, which shall form part of the Contract Agreement:

i) Detailed Work Programme indicating the sequence of various activities including fabrication, erection and the order of procedure proposed for carrying out the work within the scheduled time of completion,
ii) Mobilisation Schedule of Manpower,
iii) Mobilisation Schedule of Plants & Equipment,
iv) Mobilisation Schedule of Materials required for the job indicating the source

10. **Quality Assurance Plan (QAP):**

The Contractor shall submit a Quality Assurance Plan approved by Project Authority of Kameng Hydro Power Station, KaHPS, NEEPCO Ltd., Kimi, West Kameng District, Arunachal Pradesh, within 15(fifteen) days of issue of LOI in terms of Clause 46, Part-4, Conditions of Contract of the Bid Document, which shall form part of the Contract Agreement.

11. **Power Supply:**

The supply of power for the Contract shall be governed by the provisions of Clause 32, Part-3, Instruction to Bidders of the Bid Document.

12. **Labour:**

The Contractor shall employ the labour for the Contract as per the provisions of Clause 35, Part-4, Conditions of Contract of the Bid Document.

13. **Plant & Equipment:**

The Contractor shall at his own expense make arrangements for all necessary plants and equipment that may be required for execution of the work, in terms of Clause 30, Part-3, Instruction to Bidders of the Bid Document.

14. **Materials:**

The Contractor, at his own expense, shall arrange and supply all materials if not otherwise specifically mentioned, bought out items and consumable items required for

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ISO: 9001:14001 & 45001

(भारत सरकार का उद्यम)
NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
(Mini Ratna, Category-I, A Govt. of India Enterprise)
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Tel. No. 0364-2227784, E-mail: contract_neepco@yahoo.com/cogtract@neepco.co.in

the Contract, as per the provisions of Clause 31, Part-3, Instruction to Bidders of the Bid Document and Clause 48, Part-4, Conditions of Contract of the Bid Document. The Contractor shall submit the complete plan for procurement of materials including testing of qualities thereof and also the source of procurement of these materials along with storage facilities proposed, to the Head of Plant, Kameng Hydro Power Station, KaHPS, NEEPCO Ltd., Kimi, West Kameng District, Arunachal Pradesh, well in advance before starting the work.

15. Testing, Inspection and Quality Assurance Control Programme:

The Contractor shall adopt suitable Quality Assurance Control Programme as per the provisions of Clause 46, Part-4, Conditions of Contract of the Bid Document.

16. Safety, Security and Protection of the Environment:

The Contractor shall ensure the Safety, Security and Protection of the Environment measures as per the provisions of Clause 64, Part-4, Conditions of Contract of the Bid Document.

17. Initial Security Deposit (ISD):

Initial Security Deposit (ISD) equivalent to 1% (one percent) of the Contract Price i.e. ₹ 7,85,929.00, is to be submitted within 21(twenty one) days from the date of issue of the LOI, in the form of Bank Guarantee as per provisions of Clause 27, Part-3, Instruction to Bidders and as per the prescribed form provided at Annexure-I of Part-3, Instruction to Bidders of the Bid Document.

18. Signing of Agreement:

The Contract Agreement shall be signed by the Corporation and the Contractor following the issue of Detailed Work Order and acceptance of the ISD by the Corporation, as per provisions of Clause 26(ii), Part-3, Instruction to Bidders of the Bid Document.

The Contractor shall submit 3(three) Nos. of Non-Judicial Stamp Paper of ₹ 100.00 (Rupees one hundred only) each immediately for signing the Contract Agreement. Until a formal Contract Agreement is executed, the LOI, DWO read in conjunction with Bid Documents and Corrigendum issued thereto, will constitute a binding Contract between the Contractor and the Corporation.

You are requested to kindly acknowledge the receipt of this Detailed Work Order and convey your unconditional acceptance of the same.

Enclo: Annexure-A

Thanking you,

Yours sincerely,

10/02/2022

Chief General Manager (C)
i/c Contracts & Procurement

4

नीपको NEEPCO
ISO: 9001, 14001 & 45001
नॉर्थ ईस्टर्न इलेक्ट्रिक पॉवर कॉर्पोरेशन लिमिटेड
(भारत सरकार का उद्यम)
NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
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CIN No: U40101ML1976GOI001658, Website: www.neepco.co.in
OFFICE OF THE EXECUTIVE DIRECTOR (CONTRACTS & PROCUREMENT)
Brookland Compound: Lower New Colony: Shillong-793003, Meghalaya
Tel. No. 0364-2227784, E-mail: contract_neepco@yahoo.com/contract@neepco.co.in

आजादी का अमृत महोत्सव

NOT IN ORIGINAL

Memo No. NEEPCO/QP/ED/C&P/F/C/KaHEP-557/2021-22/ 2408-2417 Dated 10.02.2022

Copy to,

1. Chairman and Managing Director, NEEPCO, Shillong, for favour of kind information please.
2. Director (Technical), NEEPCO, Shillong, for favour of kind information please.
3. Director (Finance), NEEPCO, Shillong, for favour of kind information please.
4. Executive Director-P(Hydro), NEEPCO, Guwahati, for kind information please.
5. Executive Director (O&M), NEEPCO, Guwahati, for kind information please.
6. Executive Director (C), D&E, NEEPCO, Guwahati, for kind information please.
7. HOP, Kameng Hydro Power Station, KaHPS, NEEPCO, Kimi, Arunachal Pradesh, for kind information and needful please
8. Chief General Manager (Fin), IC&A, NEEPCO, Shillong, for kind information please.
9. Chief General Manager (Fin), Concurrence, NEEPCO, Shillong, for kind information please.
10. Head of Finance, KaHPS, NEEPCO, Kimi, Arunachal Pradesh, for information please.

10/02/2022

Chief General Manager (C), I/c C&P

North Eastern Electric Power Corporation Ltd.
(A Govt. of India Enterprise)
Office of the **EIC, R&B (Roads & Buildings)**
Kameng Hydro Power Station (KaHPS)
Kimi, West Kameng-790114 (Arunachal Pradesh)
CIN :- U40101ML1976GOI001658

स्वच्छ भारत
एक कदम स्वच्छता की ओर

No. : NEEPCO/KaHPS/R&B/R-9/2023-24/ 1196 Dtd. 21/12/2023

To,
M/S AJAY ENTERPRISES (500458)
Vill.- Kimi,
Dist.- West Kameng (Ar.P.).

Req : 1900000598
PO : 3700007703

Sub.: Detailed Work Order for "Construction of Dirt Walls, Wing Walls, Retaining Walls, Approach Slabs and Gabion Structure as Retaining Wall for approaches of the Steel Girder Bridge at Ch. 16320.00M of Pinjori-Kimi Road".

Ref.: NIT No.: R&B(Roads)/2023-24/04 Dtd. 13/10/2023.

Dear Sir(s),

With reference to the subject cited above, the undersigned on behalf of the Corporation is pleased to award the work of **"Construction of Dirt Walls, Wing Walls, Retaining Walls, Approach Slabs and Gabion Structure as Retaining Wall for approaches of the Steel Girder Bridge at Ch. 16320.00M of Pinjori-Kimi Road"** to you as per the Negotiated Rate mentioned at enclosed **Annexure-I** and as per the Terms & Conditions indicated below:-

TERMS & CONDITIONS:

1) **Scope of Work :**
Construction of Dirt Walls, Wing Walls, Retaining Walls, Approach Slabs and Gabion Structure as Retaining Wall for approaches of the Steel Girder Bridge at Ch. 16320.00M of Pinjori-Kimi Road, as per Drawing, Technical Specification & Bill of Quantities (BOQ) enclosed at Annexure-I and as per direction of the Engineer In-Charge or his authorized representative. The quantities of different items given in the BOQ are tentative and may undergo changes as per Site condition.

2) **Value of Work :**
₹ 29,51,585.00 (Rupees Twenty Nine lakh Fifty One thousand Five hundred Eighty Five) only including 1% Cess & 18% GST.

3) **Time of Completion :**
60 (Sixty) days from the date of issue of this Order.

4) **Mode of Payment :**
100% payment shall be made on satisfactory completion of the actual work.

5) **Paying Authority :**
Head of Finance, KaHPS, Kimi (Arunachal Pradesh).

6) **Price Escalation :**
No Price Escalation will be applicable for the work.

7) **Issue of Departmental Materials :**
No Departmental materials will be issued to the Contractor. All construction materials including storage, etc. are within the scope of the Contractor.

8) **EPF:**
The contractor shall submit the relevant document as per norms of the EPF & MP Act. (as per Latest Circular) and abide by all Rule(s) and Regulation(s) laid down therein.

9) The Contractor shall comply the Labour Laws enforceable from time to time.

10) **Security Deposit:**
10% (Ten Percent) Security Deposit shall be deducted for due performance of the contractor from the total Bill Value. The Security Depusit shall be released only after the defect liability period of 6 (Six) months from the date of completion of the work.

You are therefore, requested to complete the work in consultation with the Sr. Manager(C), R&B(Roads), KaHPS, Kimi, as per the specification and within the stipulated time.

Further, you are requested to attend the office of the undersigned within 7 (Seven) days from the date of issue of this order along with Non-Judicial Stamp Paper of ₹ 20.00 (Rupees Twenty) only for drawl of the formal Agreement of the work.

Yours Faithfully,

GM(C)/EIC 21/12/23
R&B, KaHPS, Kimi,
Arunachal Pradesh
Dtd. 21/12/2023

Memo No. : NEEPCO/KaHPS/R&B/R-9/2023-24/ 1197 - 1200

Copy to :

1. The HOP, KaHPS, Kimi, for favour of kind information please. This has a reference of approval vide FLM Note Sheet/CW/PCW/R-1(A)/255/KAHEP/31/10/2023, **ID: 015** Dtd. **16/12/2023.**
2. The GM(E/M), C&P Wing, KaHPS, Kimi, for favour of information please.
3. The HOF, KaHPS, Kimi, for information and necessary action please. This has a reference of finance concurrence vide FLM Note Sheet/CW/PCW/R-1(A)/255/KAHEP/31/10/2023, **ID: 014** Dtd. **16/12/2023.**
4. The In-Charge, Vigilance Wing, KaHPS, Kimi, for information please.

GM(C)/EIC
R&B, KaHPS, Kimi
Arunachal Pradesh

North Eastern Electric Power Corporation Limited
O/o GM (C), PCW
KAMENG HYDRO POWER STATION
KIMI-790114, Arunachal Pradesh, India
Tel. No. ;E-Mail: neepcokiu@rediffmail.com

Purchase Order-3700007703 / Dt : 27.12.2023

To,

Vendor Name	:	Ajay Enterprises
Vendor Code	:	500458
Address	:	, Kimi, , ,
	:	, KIMI,- 790114 Arunachal Pradesh, India
Contact No	:	
Email ID	:	,
PAN No.	:	AXJPJ3370N
GSTIN No.	:	12AXJPJ3370N1ZB

Sub: Construction of Dirt Walls,Wing Walls, Retaining Walls, Approach Slabs and Gabion Structure as Retainging Walls of the Steel Girder Bridge at Ch. 16320.00M of P.K.Road

Ref: R&B/R-9/2023-24/1196 dated 21.12.2023

Dear Sir/Madam,

S.No	Service Code	Service Des.	Qty.	Unit			Total Price
10		Civil works at Ch. 16320M Bridge locatio	1.000	AU			2,951,198.26
10.10	10001243	Earth work in foundation trenches	473.100	M3	Basic Price	178.05	84,235.46
					CGST %	9.00%	7,581.00
					SGST %	9.00%	7,581.00
					Total		99,397.46
10.20	10001800	Earth/sand filling	158.400	M3	Basic Price	1,287.46	2,03,933.66
					CGST %	9.00%	18,354.00
					SGST %	9.00%	18,354.00
					Total		2,40,641.66
10.30	10007449	PCC 1:3:6 in foundation 40mm aggregates	5.360	M3	Basic Price	7,940.31	42,560.06
					CGST %	9.00%	3,830.00
					SGST %	9.00%	3,830.00
					Total		50,220.06
10.40	10001525	Supplying, fitting & placing of HYSD bar	4.030	MT	Basic Price	1,05,513.81	4,25,220.65
					CGST %	9.00%	38,270.00
					SGST %	9.00%	38,270.00
					Total		5,01,760.65
10.50	10006652	RCC M20 Using concrete mixer	31.110	M3	Basic Price	11,114.67	3,45,777.38
					CGST %	9.00%	31,120.00
					SGST %	9.00%	31,120.00
					Total		4,08,017.38
10.60	10001517	demolish-Rcc-Works-Stacking-Steel-bar	3.150	M3	Basic Price	1,389.87	4,378.09
					CGST %	9.00%	394.00
					SGST %	9.00%	394.00
					Total		5,166.09
10.70	10000378	Boulder apron laid in wired crates	390.000	M3	Basic Price	3,479.31	13,56,930.90
					CGST %	9.00%	1,22,124.00
					SGST %	9.00%	1,22,124.00
					Total		16,01,178.90
10.80	10005985	Centering & shuttering-columns, pillars	103.440	M2	Basic Price	367.17	37,980.06
					CGST %	9.00%	3,418.00
					SGST %	9.00%	3,418.00
					Total		44,816.06

	Total Basic Price	25,01,016.26
	Total CGST %	2,25,091.00
	Total SGST %	2,25,091.00
	Total PO Val.	29,51,198.26

TWENTY NINE LAKH FIFTY ONE THOUSAND ONE HUNDRED NINETY EIGHT Rupees TWENTY SIX Paise Only

TERMS AND CONDITIONS

1. Scope:

2. Value:

3. Price Basis:

4. Taxes:

5. Contract Performance Guarantee/Security Deposit:

6. Delivery Period/ Completion Time/ Contract Period:

7. Consignee (Storage Location address) /Engineer In-charge:

8. Payment Terms:

9. Paying Authority:

10. Guarantee/Warranty:

11. Penalty/Liquidated Damages:

12. Jurisdiction of Court:

13. Other Terms & Conditions:

14. Attachment:

Thanking you,

Yours faithfully,

(Signature)

Name :

NEEPCO

R- 9

North Eastern Electric Power Corporation Limited
Miniratna: Category-I PSU, A fully Owned Subsidiary of NTPC Ltd.
GM (E/M), C&P
KAMENG HYDRO POWER STATION
KIMI-790114, Arunachal Pradesh, India
Tel. No. ;E-Mail: cnpkahps@neepco.co.in

Purchase Order-3700010391 / Dt : 13.09.2024 **Rev.No. 1/17.09.2024**

To,
Vendor Name : Ajay Enterprises
Vendor Code : 500458
Address : Kimi,
: Kimi,790114, Arunachal Pradesh, India
Contact No :
Email ID : ,
PAN No. : AXJPJ3370N
GSTIN No. : 12AXJPJ3370N1ZB

Sub: Work Order for Construction of Dirt Walls, Wing Walls, Retaining Wall, Gabion Wall and Approach Slabs at Ken Nallah Bridge at Ch. 17820.00M on P.K.Road.

Ref: PO: 3700010391 dated 13.09.2024

ɜar Sir/Madam,
Dear Sir,

S.No	Service Code	Service Des.	Qty.	Unit			Total Price
10		Constn. of Approach Slabs at Ch.17820M	1.000	AU			1,940,491.38
10.10	10001243	Earth work in foundation trenches	111.970	M3	Basic Price	215.20	24,095.94
					CGST %	9.00%	2,169.00
					SGST %	9.00%	2,169.00
					Total		28,433.94
10.20	10001800	Earth/sand filling	46.970	M3	Basic Price	1,324.30	62,202.37
					CGST %	9.00%	5,598.00
					SGST %	9.00%	5,598.00
					Total		73,398.37
10.30	10007449	PCC 1:3:6 in foundation 40mm aggregates	13.210	M3	Basic Price	8,111.20	1,07,148.95
					CGST %	9.00%	9,643.00
					SGST %	9.00%	9,643.00
					Total		1,26,434.95
10.40	10001525	Supplying, fitting & placing of HYSD bar	4.090	MT	Basic Price	1,07,597.90	4,40,075.41
					CGST %	9.00%	39,607.00
					SGST %	9.00%	39,607.00
					Total		5,19,289.41
10.50	10000412	Reinfor cem conc work lintels,beams:M20	31.120	M3	Basic Price	11,587.50	3,60,603.00
					CGST %	9.00%	32,454.00
					SGST %	9.00%	32,454.00
					Total		4,25,511.00
10.60	10001517	demolish-Rcc-Works-Stacking-Steel-bar	3.150	M3	Basic Price	1,489.80	4,692.87
					CGST %	9.00%	422.00
					SGST %	9.00%	422.00
					Total		5,536.87
10.70	10000378	Boulder apron laid in wired crates	54.000	M3	Basic Price	3,517.60	1,89,950.40
					CGST %	9.00%	17,096.00
					SGST %	9.00%	17,096.00
					Total		2,24,142.40
10.80	10005985	Centering & shuttering-columns, pillars	103.440	M2	Basic Price	413.80	42,803.47
					CGST %	9.00%	3,852.00
					SGST %	9.00%	3,852.00
					Total		50,507.47

S.No	Service Code	Service Des.	Qty.	Unit			Total Price
10.90	10003623	Random rubble masonry	63.960	M3	Basic Price	6,455.80	4,12,912.5
					CGST %	9.00%	37,162.00
					SGST %	9.00%	37,162.00
					Total		4,87,236.97
					Total Basic Price		16,44,485.38
					Total CGST %		1,48,003.00
					Total SGST %		1,48,003.00
					Total PO Val.		19,40,491.38

NINETEEN LAKH FORTY THOUSAND FOUR HUNDRED NINETY ONE Rupees THIRTY EIGHT Paise Only

TERMS AND CONDITIONS

1. Scope:

Construction of Dirt Walls, Wing Walls, Retaining Wall, Gabion Wall and Approach Slabs at Ken Nallah Bridge at Ch. 17820.00M on P.K.Road.

2. Value:

INR 19,40,491.38

3. Price Basis:

Tender

4. Taxes:

18% GST

5. Contract Performance Guarantee/Security Deposit:

10% SD will be deducted as performance gurantee.

6. Delivery Period/ Completion Time/ Contract Period:

90 days from the date of issue of this Order.

7. Consignee (Storage Location address) /Engineer In-charge:

CGM(C), R&B, KaHPS, Kimi.

8. Payment Terms:

100% after completion of the work.

9. Paying Authority:

Hed of Finance, KaHPS, Kimi, A.P.

10. Guarantee/Warranty:

11. Penalty/Liquidated Damages:

12. Jurisdiction of Court:

13. Other Terms & Conditions:

There is no price escalation for this Work.

14. Attachment:

North Eastern Electric Power Corporation Limited
GM (E/M), C&P
KAMENG HYDRO POWER STATION
KIMI-790114, Arunachal Pradesh, India
Tel. No. ;E-Mail: cnpkahps@neepco.co.in

Service Details

Line Item	Service Code	Service Des.	Qty.	UOM	Plant
10.10	10001243	SERVICE LONG TEXT: Earth work in excavation in foundation trenches or drains etc(not exceeding 1.5m in width or 10Sqm on pla)including dressing---- as directed with in a lead of 50mtrs.(a) Hard soil	111.970	M3	KAMHEP
10.20	10001800	SERVICE LONG TEXT: "Item No-6 Earth/sand filling in layers not more than 150mm thick ##with lead upto and Lift upto 2 m"	46.970	M3	KAMHEP
10.30	10007449	SERVICE LONG TEXT: (APPWD) PCC 1:3:6 in Foundation (Plain cement concrete 1:3:6 nominal mix in foundation with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.)	13.210	M3	KAMHEP
10.40	10001525	SERVICE LONG TEXT: Supplying, fitting and placing of HYSD bar reinforcement complete as per drawing and technical specifications including all lead and lift	4.090	MT	KAMHEP
10.50	10000412	SERVICE LONG TEXT: Reinforced cement concrete work in lintels, beams and bresumers up to floor two level including finishing and plastering the exposed surface with cement mortar 1 : 3 (1 cement : 3 fine sand) of thickness not exceeding 6 mm to give a smooth and even surface but excluding cost of centering, shuttering and reinforcement. a) M20 (1 cement : 1.5 coarse sand : 3 stone aggregate 20 mm nominal size).	31.120	M3	KAMHEP
10.60	10001517	SERVICE LONG TEXT: demolishing RCC works including stacking of steel bar and disposal of un-servicecable material within 50 metre of lead	3.150	M3	KAMHEP
10.70	10000378	SERVICE LONG TEXT: Boulder apron laid in wired crates made with 4mm dia GI wire	54.000	M3	KAMHEP
10.80	10005985	SERVICE LONG TEXT: Centering and shuttering including strutting, propping etc. and removal of form for Columns, Pillars, Piers, Abutments, Posts and Struts	103.440	M2	KAMHEP
10.90	10003623	SERVICE LONG TEXT: Random rubble masonry with hard stone in foundations and plinth in cement mortar 1 : 6 (1 cement : 6 fine sand) including levelling up with cement concrete 1 : 6 : 12 (1 cement : 6 coarse sand : 12 stone aggregate 20 mm nominal size) at plinth	63.960	M3	KAMHEP

Thanking you,
Yours faithfully,

(Signature)

Name :
Designation : CGM(C), R&B, KaHPS Kiru
Mobile :
Email ID :

North Eastern Electric Power Corporation Limited
Miniratna: Category-I PSU, A fully Owned Subsidiary of NTPC Ltd.
GM (E/M), C&P
KAMENG HYDRO POWER STATION
KIMI-790114, Arunachal Pradesh, India
Tel. No. ;E-Mail: cnpkahps@neepco.co.in

Purchase Order-3700010354 / Dt : 09.09.2024 **Rev.No. 1/10.09.2024**

To,

Vendor Name	:	PEMA ENTERPRISES
Vendor Code	:	500471
Address	:	KIMI,
	:	WEST KAMENG,BHALUKPONG,790114, Arunachal Pradesh, India
Contact No	:	
Email ID	:	,
PAN No.	:	AAVFP2678L
GSTIN No.	:	12AAVFP2678L1ZK

Sub: Detailed Order for "Construction of Dirt Walls, Wing Walls, Retaining Walls, Approach Slabs at Shishnimgo Nallah Bridge at Ch. 13020.00M of P-K Road".

Ref: NEEPCO/KaHPS/R&B/R-9/2024-25/ 835 Date: 06/09/2024

Dear Sir/Madam,
Dear Sir,

S.No	Service Code	Service Des.	Qty.	Unit			Total Price
10		Const of Approach Slabs, Wing Walls, Ret	1.000	AU			2,548,785.49
10.10	10001243	Earth work in foundation trenches	104.280	M3	Basic Price	187.70	19,573.36
					CGST %	9.00%	1,762.00
					SGST %	9.00%	1,762.00
					Total		23,097.36
10.20	10001800	Earth/sand filling	49.150	M3	Basic Price	1,251.40	61,506.31
					CGST %	9.00%	5,536.00
					SGST %	9.00%	5,536.00
					Total		72,578.31
10.30	10007449	PCC 1:3:6 in foundation 40mm aggregates	11.010	M3	Basic Price	7,664.70	84,388.35
					CGST %	9.00%	7,595.00
					SGST %	9.00%	7,595.00
					Total		99,578.35
10.40	10001525	Supplying, fitting & placing of HYSD bar	5.990	MT	Basic Price	1,17,317.80	7,02,733.62
					CGST %	9.00%	63,246.00
					SGST %	9.00%	63,246.00
					Total		8,29,225.62
10.50	10000412	Reinfor cem conc work lintels,beams:M20	74.250	M3	Basic Price	10,949.70	8,13,015.23
					CGST %	9.00%	73,171.00
					SGST %	9.00%	73,171.00
					Total		9,59,357.23
10.60	10001517	demolish-Rcc-Works-Stacking-Steel-bar	3.150	M3	Basic Price	1,564.20	4,927.23
					CGST %	9.00%	443.00
					SGST %	9.00%	443.00
					Total		5,813.23
10.70	10000378	Boulder apron laid in wired crates	54.000	M3	Basic Price	3,910.60	2,11,172.40
					CGST %	9.00%	19,006.00
					SGST %	9.00%	19,006.00
					Total		2,49,184.40
10.80	10005985	Centering & shuttering-columns, pillars	191.690	M2	Basic Price	351.90	67,455.71
					CGST %	9.00%	6,071.00
					SGST %	9.00%	6,071.00
					Total		79,597.71

S.No	Service Code	Service Des.	Qty.	Unit			Total Price
10.90	10003623	Random rubble masonry	31.200	M3	Basic Price	6,256.90	1,95,215.2
					CGST %	9.00%	17,569.0
					SGST %	9.00%	17,569.0
					Total		2,30,353.2
					Total Basic Price		21,59,987.4
					Total CGST %		1,94,399.0
					Total SGST %		1,94,399.0
					Total PO Val.		25,48,785.4

TWENTY FIVE LAKH FORTY EIGHT THOUSAND SEVEN HUNDRED EIGHTY FIVE Rupees FORTY NINE Paise Only

TERMS AND CONDITIONS

1. Scope:

Construction of Dirt Walls, Wing Walls, Retaining Walls, Approach Slabs at Shishnimgo Nallah Bridge at Ch. 13020.00M of P-K Road, as per Drawing, Technical Specification & Bill of Quantities (BOQ) enclosed at Annexure-I and as per the direction of the Engineer In-Charge or his authorized representative.

2. Value:

INR 25,48,785.49.00 GST @18%.

3. Price Basis:

Tender

4. Taxes:

GST 18%

5. Contract Performance Guarantee/Security Deposit:

Security Deposit: 10% (Ten Percent) Security Deposit shall be deducted for due performance of the Contractor from the total Bill Value. The Security Deposit shall be released only after the Defect Liability Period of 6 (Six) months from the date of completion of the Work.

6. Delivery Period/ Completion Time/ Contract Period:

Within 90 (Ninety) days from the date of issue of this Order.

7. Consignee (Storage Location address) /Engineer In-charge:

8. Payment Terms:

1)100% payment shall be made on satisfactory completion of the actual work. 2) No price Escalation will be applicable for the work. 3) Security Deposit: 10% (Ten Percent) Security Deposit shall be deducted for due performance of the Contractor from the total Bill Value. The Security Deposit shall be released only after the Defect Liability Period of 6 (Six) months from the date of completion of the Work.

9. Paying Authority:

The Head of Finance, KaHPS, Kimi (Ar.P.).

10. Guarantee/Warranty:

11. Penalty/Liquidated Damages:

12. Jurisdiction of Court:

13. Other Terms & Conditions:

level.

North Eastern Electric Power Corporation Limited
GM (E/M), C&P
KAMENG HYDRO POWER STATION
KIMI-790114, Arunachal Pradesh, India
Tel. No. ;E-Mail: cnpkahps@neepco.co.in

Service Details

Line Item	Service Code	Service Des.	Qty.	UOM	Plant
10.10	10001243	SERVICE LONG TEXT: Earth work in excavation in foundation trenches or drains etc(not exceeding 1.5m in width or 10Sqm on pla)including dressing---- as directed with in a lead of 50mtrs.(a) Hard soil	104.280	M3	KAMHEP
10.20	10001800	SERVICE LONG TEXT: "Item No-6 Earth/sand filling in layers not more than 150mm thick ##with lead upto and Lift upto 2 m"	49.150	M3	KAMHEP
10.30	10007449	SERVICE LONG TEXT: (APPWD) PCC 1:3:6 in Foundation (Plain cement concrete 1:3:6 nominal mix in foundation with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.)	11.010	M3	KAMHEP
10.40	10001525	SERVICE LONG TEXT: Supplying, fitting and placing of HYSD bar reinforcement complete as per drawing and technical specifications including all lead and lift	5.990	MT	KAMHEP
10.50	10000412	SERVICE LONG TEXT: Reinforced cement concrete work in lintels, beams and bresumers up to floor two level including finishing and plastering the exposed surface with cement mortar 1 : 3 (1 cement : 3 fine sand) of thickness not exceeding 6 mm to give a smooth and even surface but excluding cost of centering, shuttering and reinforcement. a) M20 (1 cement : 1.5 coarse sand : 3 stone aggregate 20 mm nominal size).	74.250	M3	KAMHEP
10.60	10001517	SERVICE LONG TEXT: demolishing RCC works including stacking of steel bar and disposal of un-servicecable material within 50 metre of lead	3.150	M3	KAMHEP
10.70	10000378	SERVICE LONG TEXT: Boulder apron laid in wired crates made with 4mm dia GI wire	54.000	M3	KAMHEP
10.80	10005985	SERVICE LONG TEXT: Centering and shuttering including strutting, propping etc. and removal of form for Columns, Pillars, Piers, Abutments, Posts and Struts	191.690	M2	KAMHEP
10.90	10003623	SERVICE LONG TEXT: Random rubble masonry with hard stone in foundations and plinth in cement mortar 1 : 6 (1 cement : 6 fine sand) including levelling up with cement concrete 1 : 6 : 12 (1 cement : 6 coarse sand : 12 stone aggregate 20 mm nominal size) at plinth	31.200	M3	KAMHEP

14. Attachment:

Thanking you,
Yours faithfully,

(Signature)

03/05/2024

Name : Shri Drubajyoti Mashahary
Designation : CGM/EIC,R&B, KaHPS,Kimi,A.P.
Mobile : 8119849769
Email ID : dhruba_6475@rediffmail.com

अनु.क./U.O.No. 387 दिनांक/ Date 10/9/24
सड़क एवं भवन / Roads and Building
का.ज.प.स., नेपको लि., किमि, (अ. प्र.)
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