



North Eastern Electric Power Corporation Ltd.
(A Government of India Enterprise)
An ISO 9001, 14001 & OHSAS 18001 Corporation

CONTRACT AND PROCUREMENT WING

KOPILI H.E. PLANT:: DIMA HASAO DISTRICT: UMRONGSO – 788931

Phone: 03670-288241/ 288254, Fax: 03670-288254/288240.

Detailed Notice Inviting Tender no. : KHEP/ C&P (E)/ 2018/ 286 Dated 02.02.2018

Sealed tender with minimum 120 (one hundred twenty) days validity are invited from the reputed contractor having valid electrical license for Internal Electrical of Khandong Valve House at Kopili Hydro Electric Plant , NEEPCO Ltd. ,Umrongso, Dima Hasao District , Assam as per the Item specification & unit stated below :

Sl	Item Description	Unit
1	Wiring for circuit wiring with P.V.C. insulated single core unsheathed industrial (Multi strand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volt (Finolex/RR Kabel /Nikko/Anchor or equivalent Make as approved by the deptt.) In surface / recessed ISI marked steel conduit pipe wiring system. Item no-3.6, 3.6.1 -With 2 x 1.5 sq. mm. cable in 20 mm dia. Rigid steel conduit. Page no -50	
	10m point	2 Points
	15 m. point	6 Points
	25 m. point	2 Points
	30 m. point	3 Points
	20 m point	2 Points
2	Wiring for 5/6 pin 16 Amps power plug point with 4 sq mm. P.V.C. insulated single core unsheathed industrial(multi strand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex/FR kabel or equivalent make as approved by the deptt) in surface/ recessed ISI marked steel conduit pipe 20 mm. dia (AKG or equivalent as approved by the deptt.) wiring system including and fixing 5/6 pin 16 amps flush type socket outlets and 16 amps flush type switch (Anchor penta/ Gold medal/ Kolor kany.com/ Havells or equivalent make as approved by the Deptt.) GI/MS switch board (I.S.I. marked) with phenolic laminated sheet cover earth continuity with 2.5 sq mm cable to the 3 rd pin of the socket as required complete. Page no-48 & 49, item no- 3.4 , 3.4.1 ,3.4.2,	
	15m long point	2 Nos.
	20 m long point	1 No.
	43 m Long Point (e.g. 25 mtr = Rs.7624, so 7624/25 = Rs.305 per mtr.)	1 No.
	53 m long point	1 No.
	63 m long point	1 No.
3	Wiring for drawing sub-main line with P.V.C. insulated single core unsheathed industrial (Multi strand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex/RR Kabel or Equivalent Make as approved by the Deptt.) in ISI marked Steel conduit pipe including earth continuity in surface/ recessed conduit wiring system. (Page No. 50, Item No.3.7. 3.7.1) With 2 x 2.5 sq. mm. + earth continuity with 1x1.5 sq. cable in 20 mm. dia. Rigid Steel conduit.	
	Extra-long	12 m
	Extra-long	55 m
4	Supplying including fitting and fixing of following A.C. Exhaust fan in the existing hole on the wall of following sweeps with making necessary connections as approved by the Deptt. as required complete and as directed by the Department. (Page No.416, Item No.27.2)	

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	Heavy Duty 450 mm sweep 900 RPM Single Phase (Crompton make), Heavy Duty 450 mm sweep 900 RPM Single phase (Usha Make) (Page No.417, Item No.27.2.1.9)	6 Nos.
5	Supplying with fitting and fixing sheet steel, phosphatised, powder painted Single door surface mounting MCB DB incorporated with bus-bar, Neutral Link, Earth bar and din rail etc. fitted on wall with grouting nuts & bolts as reqd. complete with making necessary connection as approved, specified and directed by deptt. (Page No.137, Item No.15.1, 15.1.1, 15.1.1.3, 15.1.1.4) (ABB, Schneider MG, Legrand, Hager, Crabtree xpro make)	
	8 way SPN single door	1 No.
	12 way SPN single door	1 No.
6	Supplying with fitting and fixing single Pole 10 KA 240/ 415V 50Hz MCB of the following capacity complete with making necessary connection as approved, specified and directed by the deptt. (Page No.161, Item No.16.1, 16.1.1, 16.1.1.1) B Series (ABB, Schneider MG, Legrand, Hager, Crabtree Xpro make)	
	16A	8Nos.
7	Supplying fitting and fixing DP 10 KA 240/ 415V 50Hz MCB of the following capacity complete with making necessary connection as approved, specified and directed by the deptt. (Page No.162, Item No.16.3, 16.3.1.1, 16.3.1.2, 16.3.1.3) B Series (ABB, Schneider MG, Legrand, Hager, Crabtree Xpro make)	
	20A	1 No
	40A	2No
8	Supplying with fitting and fixing 4P 10 KA 240/ 415V 50Hz MCB of the following capacity complete with making necessary connection as approved, specified and directed by the deptt. (Page No.164, Item No.16.6, 16.6.1.3, Page No.165, Item No.16.6.2.5, 16) B Series (ABB, Schneider MG, Legrand, Hager, Crabtree Xpro make)	
	100A	1 No.
9	Installation of earth station with 40mm. dia. And 4.5mtr. G.I. Pipe with necessary G.I. reducing socket 40mm. X 20mm. size locking arrangement with hinged cover plate, funnel, GI Nuts, through bolts etc. for putting pipe and refitting with necessary enclosure on the top etc. as required complete. {(Page No.153, Item No.193 (a),SOR 2010-11}	1 No.
	Extra using salt (5kg) and Charcoal (64kg) for pipe earth electrode as required. {(Page No.153, Item No.193 (b), SOR 2010-11}	1 No.

Scope:

Supply, fitting, fixing & commissioning of the system as mentioned above at Khandong Valve House of Kopili Hydro Electric Plant, Umrongso, Dist. Dima Hasao, Assam. Detail wiring estimate, Line diagram of Internal Electrification of Khandong Valve House is enclosed at "ANNEXURE-A & B" respectively.

Terms and conditions:

1. Qualifying requirement of the Bidder :

The following documents should be submitted along with the bid in order to ensure qualification:

- Copy of PAN card.
- Copy of Valid electrical supervisor license.
- Valid Contract licence.
- Copy of GST Registration.
- Copy of past order executing work to any Govt. Department/ PSU.

The above stated requirements are minimum and the Corporation reserves the right to request for any additional information and also reserves the right to reject the proposal of any Bidder, if in the opinion of Corporation the qualifying data is incomplete or the bidder is found not qualified to satisfactorily perform the works.

Bids which do not meet the above qualifying requirements may not be considered for evaluation.

1. **Price basis :**

The bidder shall quote Firm prices on the basis of FOR project site of Kopili Hydro Electric Plant, NEEPCO Ltd., Umrongso, Dima Hasao Dist., Assam inclusive of supply, fixing ,commissioning the system , loading, & unloading of the materials.

Taxes as applicable shall be indicated separately.

2. **Transportation:** Transportation of materials under the scope of the successful tenderer.

3. **EPF:**

Employers EPF contribution of labours will be borne by the Corporation. The employee contribution towards EPF will be deducted from the successful tenderer bill if proof of PF registration cannot be submitted by the contractor as per norm.

4. **Payment:**

100% payment shall release on successful supply, fitting & fixing works at site and satisfaction of Engineer-in-charge.

5. **Completion time:** Within 90 days from the date of formal order.

6. **Safety:** The successful tenderer shall arrange and adopt all comprehensive safety measures and code in every stage of works and the workmen shall follow the safety measures. The successful tenderer shall be solely responsible for losses and / or damages arising out of any lacking in this respect and any resulted accident.

7. **Engagement of workman:** The successful tenderer should engage well experienced manpower during fitting and fixing the accessories.

8. The successful tenderer shall provide all the required equipments, tools & appliances for necessary fitting and fixing of the items.

9. **Direction for execution of works:** The contractor shall act and carry out all works as per instruction of Engineer In-charge (Sr. Manager, Utility, KHEP, Umrongso or his authorized representative).

10. **Earnest Money Deposit:**

EMD Rs 5,000.00(Five thousand) only in the form of **Demand Draft** duly pledged in favour of NEEPCO Ltd., payable at SBI, KHEPA, Garampani Branch, P.O. Umrongso (SBI Code-4812) should be submitted along with the tender. Tender without EMD shall be rejected.

- a. EMD submitted by the successful bidder shall be retained as security deposit towards satisfactory execution of the order and will be released after completion of entire works .
- b. EMD of the unsuccessful bidders will be returned only after finalization of the bid.

11. **Tender fee:**

Tender Fee Rs 1000.00 (non-refundable), in the form of Banker's Cheque / Demand Draft drawn in favour of NEEPCO Ltd., Umrongso, have to be submitted along with the offer.

12. Firms/ contractors which registered as SSI or MSME and hence exempted from submission of EMD . should mention the same enclosing valid/ current authentic documentary evidence in support of such registration to avail the said exemptions.

13. **Liquidated damage:**

LD @ 0.5% on the contract value per week of delay in completion subject to a maximum of 10% on the contract value shall be applicable.

14. The bid should be submitted in Sealed Envelope super scribed with **"Tender for Internal Electrification of Khandong Valve House, NIT no. KHEP/ C&P (E)/ 2018/ 286 Dated. 02.02.2018"**.
15. A signed copy of the detail NIT/ tender specification must be enclosed along with the bid submission in acceptance of NIT conditions. **The tender specification may be downloaded from Corporation's website www.neepco.gov.in w.e.f 05.02.2018.**
15. Submission of bids not construe qualification for evaluation. The Corporation reserves the right to reject any or all bids or to annul the bidding process and reject all the bids, without thereby incurring any liability to the affected bidders, nor does it have any obligation to inform the bidders of the ground for such action on the part of the owner.
16. In the event the date of opening of bids is declared as a closed holiday for NEEPCO, the date of opening of bids will be the following working day at the appointed times.
17. If the bidder is eligible for any concessional taxes he should invariably mention this in the bid. On or before the date of opening the price bid the bidder should also confirm any change in this regard.
18. The bid will be opened at the time and date set for opening of bids, in presence of representatives of bidders. Bidders' authorized representative shall be permitted to attend the bid opening only on production of authorized letter. In the event that the day for opening of bids is holiday, the bids shall be opened on the next working day. No electronic recording device will be permitted during bid opening.
19. All texts and amounts of the bid shall be legibly written. The language and currency applicable are English and Indian currency respectively.
20. Any action on the part of the bidder to revise the price or to change the structure of the price at his own instance after opening of the bid and within the validity of the offer shall not be possible.
21. The Corporation (NEEPCO) reserves the right to extend the last date and time for submission and opening of bids.
22. No separate tender document shall be issued against this NIT.
23. The bids will be opened at the time and date mentioned below in presence of authorized representative (if any) of the bidders.

Last Date and Time of receipt of bids : 15:00 hrs of 26th February, 2018.

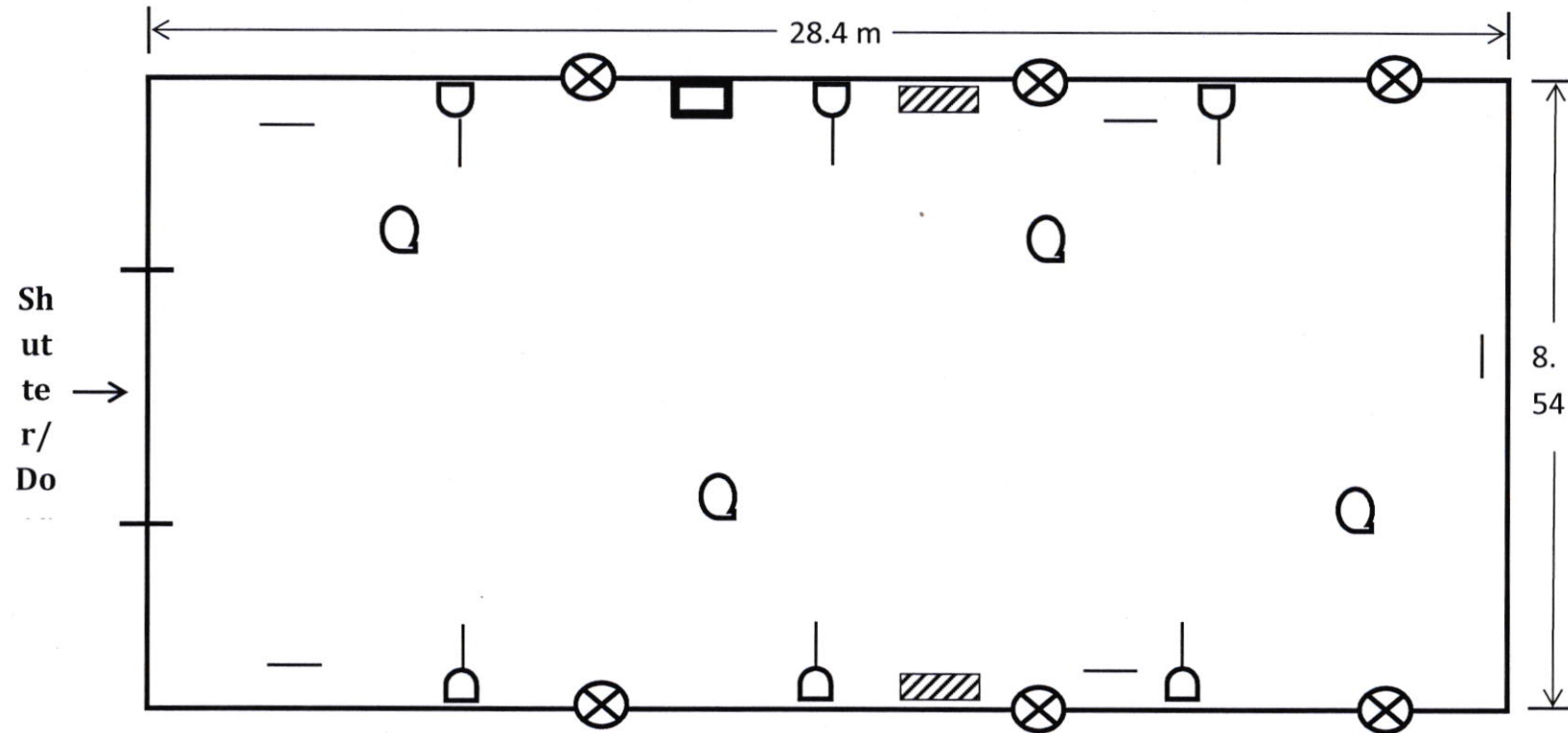
Date and Time of opening of bids : 15:30 hrs of 26th February, 2018.



Enclo. ANNEXRE-A&B .


Sr Manager (E/M)
Contract & Procurement (E)
KHEP: NEEPCO Ltd,
Umrongso-788931, Dima Hasao Dist.
Assam

Line Diagram Internal Electrification of Khandong Valve House

Annexure-A.



Exhaust Fan - 
 Tube - 
 MCB DB - 
 Power Point - 
 Switch Board - 
 400 W Light Point - 

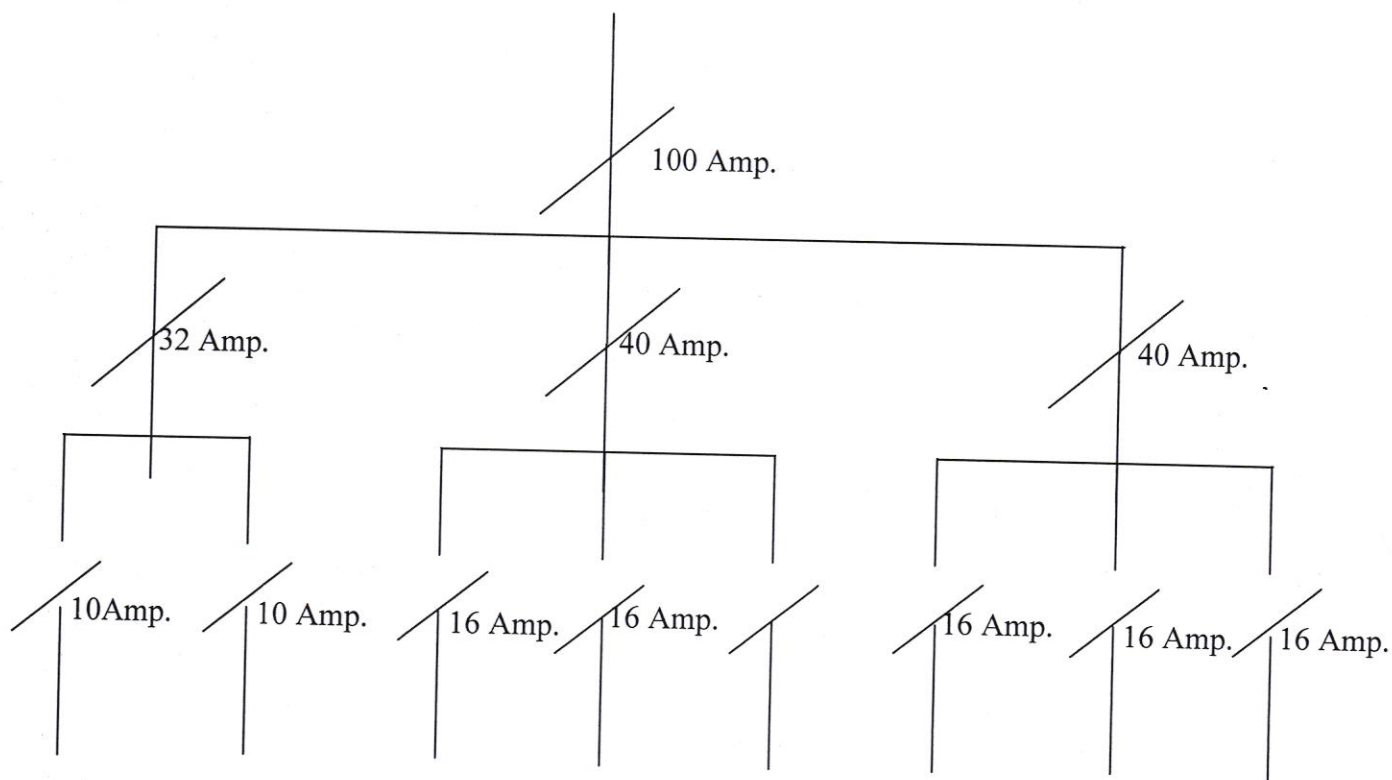
1. Exhaust Fan = 6 Nos.
2. Tube Point = 5 Nos.
3. 400 W Light Point = 4 Nos.
4. Power Point = 6 Nos.

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Annexure- B

WIRING ESTIMATE FOR THE INTERNAL ELECTRIFICATION OF
KHANDONG VALVE HOUSE



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