

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A GOVERNMENT OF INDIA ENTERPRISE)

Tuirial Hydro Electric Project, MIZORAM

Fax 03837-263214, Telephone No.03837-263251

Email: trhep_hop@rediffmail.com

CIN : U40101ML1976GOI001658



**ISO: 9001, 14001
& OHSIS: 18001**

TENDER DOCUMENT FOR

FOR

**PERMANENT INTERNAL WIRING & ELECTRIFICATION OF ADMINISTRATIVE
BUILDING AT TUIRIAL HYDRO ELECTRIC PROJECT, MIZORAM**

ELECTRO MECHANICAL COMPLEX TrHEP:: MIZORAM

Oct, 2014

Price Rs. 500.00



NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A Govt. of India Enterprise)

Tuirial Hydro Electric Project, MIZORAM

Fax 03837-263214, Telephone No.03837-263251

Email: trhep_hop@rediffmail.com

CIN : U40101ML1976GOI001658

NOTICE INVITING TENDER.

NIT NO. EMC/TrHEP/ 2014-15/05 DTD. 20.10.2014

The North Eastern Electric Power Corporation Ltd. invites sealed tender in prescribed format with 180(one hundred eighty) days validity from reputed/experienced electrical contractors/firms for the work of Permanent Internal Wiring & Electrification of newly constructed Administrative Building at TrHEP with PVC Insulated Copper Wire in Flat Casing Capping Conduit.(only execution cost, all materials will be supplied by the department).

The complete set of tender document containing detailed terms and conditions shall be available for downloading in the website www.neepco.gov.in from 20.10.2014 to 17.11.2014. The interested bidders are requested to submit the duly filled in hard copy of the downloaded document along with all other relevant papers mentioned under terms & conditions of the tender documents including cost of tender documents & earnest money as per prescribe format as indicated in the tender document.

The tender documents completed in all respects should be dropped in the Tender Box kept at our **Transit Camp at Silchar**, address of which is indicated below. Vendors may also submit the tender document in sealed covers through courier/registered post to reach to the following address on or before **17.11.2014 up to 11:00 hours**. The Corporation shall not be responsible in any way for delay in receipt of tenders through courier/posts etc. Tenders received after the stipulated date and time shall be summarily rejected. Tenders not accompanied with EMD or Tenders accompanied with EMD of inadequate value may not be entertained.

Address for submission of tender :

Dy. General Manager (E/M), EMC,
Tuirial H.E. Project, NEEPCO Ltd.
C/o NEEPCO Transit Camp,
City Arcade, 3rd Floor, Sonai
Road, Rangirkhari,
Silchar-788005 (ASSAM)

Cost of tender documents : Rs. 500.00(Rupees five hundred) only in the form of Banker's Cheque / Demand Draft from any Nationalized Bank drawn in favour of NEEPCO Ltd., Tuirial H.E. Project, Mizoram.

Earnest Money : The completed tender should be accompanied by an **Earnest Money @ 2.5% (1.5% for SC & ST) on the quoted amount** in the form of Demand Draft/Banker's Cheque pledged in favour of "NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED,". (Note : Certificate to be enclosed as a proof of ST/SC).

Receipt & Opening of Tender : Tenders shall be received up to **11.00 hrs on 17.11.2014** and shall be opened at **12.00 hrs** on the same date. The intending bidder may present themselves during the time of opening. In the event, **17.11.2014** declared holiday the tender shall be received and opened on next working day at the same time & place.

Eligibility : The tender must accompany with the valid electrical contractor license..

Payment: 100% payment of the total admissible amount shall be made promptly within 30(thirty) days after completion of the work as per specifications upto the full satisfaction of Engineer-in-charge. No part payment will be allowed. All payment shall be made on electronic transfer basis through State Bank of India, Vairengte Branch, Mizoram, INDIA. Hence bank details of the supplier, such as - Name of bidders, Name of the Bank, A/c. No., Branch Code, IFSC Code. photo copy of PAN Card, etc for the purpose of smooth transfer of payment is required.

Completion period : The entire work have to be completed within 60 (sixty) days from the date of issue of formal order.

The Corporation reserves the right to reject any or all the tenders without assigning any reason thereof.


Dy. General Manager (E/M),
EMC, TrHEP, Mizoram.

Memo No. EMC/TrHEP/T- 11 /2014-15/ 179

dtd. 20/10/14

Copy for information to:

1. The Head of Project, TrHEP, NEEPCO Ltd., TrHEP This has reference to his approval vide U. O. No. 1663 dtd. 26.09.2014
2. The Sr. Manager (F&A), TrHEP, NEEPCO Ltd., for kind information. He is requested to depute finance representative on the date of opening of tender. Copy of the approval is enclosed herewith.
3. Notice Boards.


Dy. General Manager (E/M),
EMC, TrHEP, Mizoram.

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED.

GENERAL RULES AND TERMS & CONDITIONS:

- 1.0 Name of the work :** Permanent Internal Wiring & Electrification of newly constructed Administrative building through PVC Insulated Copper Wire in Flat Casing Capping Conduit wiring system under Tural H.E. Project, Dist.- Kolasib, Mizoram.
- 2.0 Scope of work :** The scope of work comprises complete permanent internal wiring & electrification (only execution cost, all materials will be supplied by the department) of the newly constructed Administrative building through PVC insulated Copper wire in flat casing capping conduit (The modular switch board only to be fitted on the brick wall will be concealed) including fitting & fixing of main switch, DB box, MCBs, laying of cable for service connection, fitting & fixing tube fittings, CFL luminaries, switch boards, sockets & switch etc as required and directed by the Engineer-in-charge for complete electrification of the building.
- 3.0** The bidder shall fill up the tender document in usual printed form stating at what rate he is willing to undertake each item of the work in figure & words. The rates quoted shall be FIRM for the entire period of contract. The rate shall be quoted in the schedule of rate attached herewith as (Annexure-I).
- 4.0** NEEPCO is not bound to accept the lowest tender and reserves the right to accept or reject any or all tenders without assigning any reasons thereof.
- 5.0** NEEPCO shall not be responsible for any delay in postal or courier service, loss or non-receipt of tenders. Late received tenders shall not be considered for reasons whatsoever and the same shall be returned to the concerned bidder.
- 6.0** The bidder shall submit all the information and documents as sought for in relevant clauses of the tender documents. Tenders without requisite information and documents shall be considered as incomplete and are liable to be rejected.
- 7.0** The contractor will arrange all kind of Tools & tackles etc as required for execution the work.
- 8.0** NEEPCO reserves the right to verify bidder's capability and capacity to perform the contract as well as to verify the authentication of any or all documents produced/submitted by the bidders.
- 9.0** The bidder should sign each pages of the tender.
- 10.0** The contractor shall have to draw an agreement in non-judicial stamp paper within 7(seven) day of notification of acceptance of his/her tender and the cost of non-judiciary stamp paper will have to be born by the contractor.
- 11.0** The contractor shall be responsible for execution of works and supervision as described in Annexure-I of this contract. The work executed shall be to the full satisfaction of the Engineer – In – Charge. Any other relevant works not specifically mentioned but required for completion of the job shall be considered as included in the scope of work without any addition financial involvement.
- 12.0** NEEPCO reserves the right to reduce the quantity of works as mentioned in Annexure-I. The contractor shall maintain strict discipline and harmony at the work site. NEEPCO's Engineer- In- Charge shall be at liberty to object to the presence of any personnel/representative of the contractor at site, if in his opinion such personnel /

representative misconduct or found incompetent or negligent or otherwise undesirable and the contractor shall remove such person(s) immediately.

13.0 The contractor shall have no claim on the corporation in respect of any item, which may be withdrawn, but only for the work actually completed under this contract.

14.0 The contractor shall ensure full compliance to various Indian Laws and Statutory Regulations, to the extent applicable, in force from time to time.

15.0 The contractor shall clear out all rubbish from the site on completion of work and shall leave the site clean and dry failing which Engineer – In - Charge may arrange for removal of such rubbish from some other means and the expenses incurred against the same shall be deducted from the contractor's bill.

16.0 The necessary masoning works to be carried out during fitting & fixing of electrical fitting on the brick wall/beam etc to proper finishing the works in all respect have to be done by the contractor.

17.0 The contractor must complete the work within 60(thirty) days from the date of issue of the formal order. In the event of there being undue delay in execution of the work, the corporation reserves the right to cancel the contract and the EMD deposited will be forfeited.

18.0 The Corporation for any reason whatsoever and of which the company shall be sole judge terminate this contract with 24 hours notice in written to the contractor.

19.0 The contractor shall ensure using appropriate protective clothing and safety wear in accordance with the safety norms and all the safety norms are followed during the execution of the work.

20.0 The Earnest money deposited along with the tender shall be released after satisfactory completion of the work.



RATE SHEET

ANNEXURE-I

Permanent Internal Wiring & Electrification of Administrative Building with PVC (Polyvinyl chloride) Insulated Copper Wire in Flat Casing Capping Conduit wiring system under Tuirial H.E. Project, Dist. – Kolasib, Mizoram

Sl. No.	Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
01.	Wiring for light point with 0.75 Sq.mm P.V.C.(Polyvinyl Chloride) insulated unsheathed stranded copper conductor cable in surface P.V.C. casing capping conduit including earth continuity with 0.75sq.mm PVC insulated single core copper conductor including fitting & fixing 6 Amps flush type switch ceiling rose, switch board complete as required (only execution cost, materials will be supplied by department). a) Short point upto 3.00 metre length b) Midium point upto 6.00 metre length c) Long point upto 10.00 metre length d). Extra long point upto 15 meter length	Per point Per point Per point Per point	109 86 91		
02.	Wiring for fan/exhaust fan point with 0.75 Sq.mm P.V.C. insulated unsheathed stranded copper conductor cable in surface P.V.C. casing capping conduit including earth continuity with 0.75sq.mm PVC insulated single core copper conductor with fitting & fixing of 6 Amps flush type switch, electronic fan regulator, ceiling rose, switch board etc as required complete (only execution cost, materials will be supplied by department). a) Short point upto 3.00 metre length b) Midium point upto 6.00 metre length c) Long point upto 10.00 metre length	per point per point per point	32 40 13		
03.	Wiring for call bell point with 0.75 Sq.mm P.V.C. insulated unsheathed stranded copper conductor cable in surface P.V.C. casing capping conduit including earth continuity with 0.75sq.mm PVC insulated single core copper conductor including fitting & fixing 6 Amps flush type switch ceiling rose, switch board complete as required (only execution cost, materials will be supplied by department). a) Midium point upto 6.00 metre length b) Long point upto 10.00 metre length c) Extra Long point upto 15.00 metre length	per point per point per point	10 15 7		
04	Wiring for 5 pin 6 Amps plug point with 0.75 Sq.mm PVC insulated unsheathed stranded copper conductor cable single core including fitting and fixing 5 pin 6 Amps flush type socket outlet, 6 Amps flush type switch with earth continuity with 0.75sq.mm PVC insulated single core copper conductor to the third pin etc as required complete (when fixed in the same board of light & fan). (only execution cost, materials will be supplied by department).	per point	101		



05	Wiring for 20A/10A, Caption 5-In-1 plug point with 2.5 or 6 Sq.mm unsheathed stranded copper conductor cable with earth continuity with 0.75sq.mm PVC insulated single core copper conductor in surface PVC casing capping conduit including fitting and fixing 5-pin 15/16 amps socket outlet and 16 Amps flush type switch, switch board with earthing the third pin etc as required complete. (only execution cost, materials will be supplied by department). a) Short point upto 3.00 metre length b) Midium point upto 6.00 metre length c) Long point upto 10.00 metre length d) Extra Long point upto 15.00 metre length	per point per point per point per point	79 79 58 25		
06	Installation, testing and commissioning of prewired CFL/Fluorescent luminaries complete with all accessories such as ballast, starter etc. directly on wall/ceiling including connection with 0.75sq.mm PVC insulated single core copper conductor as required and directed by the department. (only execution cost, materials will be supplied by department).	Each	286		
07	Wiring for sub-main with unsheathed PVC insulated copper conductor single core cable in surface PVC casing capping conduit including PVC insulated S/C copper conductor as earth continuity connection etc as required. (only execution cost, materials will be supplied by department). a) With 2X 2.5 sq. mm + earth continuity 1 X 0.75 sq.mm PVC insulated single core copper conductor cable in PVC casing capping conduits. b) With 2X 6 sq. mm + earth continuity 1 X 0.75 sq.mm PVC insulated single core copper conductor cable in PVC casing capping conduits.	Per metre	600 700		
08	Wiring for RJ11, Telephone Jack with D-drop telephone wire including fitting and fixing RJ11, Telephone Jack socket outlet etc as required complete. (only execution cost, materials will be supplied by department).	per point	450		
09	Fitting and fixing 4-pole pole 50KA 240/415V 50 Hz isolator of the following capacity complete with necessary connection as specified and directed by the deptt. (only execution cost, materials will be supplied by department). Capacity 125Amps	Each	7		
10	Fitting and fixing single pole 10KA 240/415V 50 Hz MCB (Miniature Circuit Breaker) of the following capacity complete with necessary connection as specified and directed by the deptt. (only execution cost, materials will be supplied by department). a). 16/20 Amps capacity b). 32 Amps capacity	Each Each	159 79		
11	Fitting and fixing sheet steel, phosphatised powder painted single door/double door surface mounting SPN(Single Pole & Neutral) MCB DB(Distribution Box) incorporated with bus-bar, neutral link, earth bar and Din rail etc fitted on wall with grouting nuts & bolts as required complete with making necessary connection as specified and directed by the deptt. (only execution cost, materials will be supplied by department). a) 8 Way SPN single/double door b) 12 Way SPN single/double door b) 16 Way SPN single/double door	Each Each Each	12 10 4		

12	Fitting and fixing of ICTP N-link switch (Iron Clad Triple Pole with Neutral Link) fuse unit with HRC (High Rupture Capacity) fuses including drilling boards /iron frame and fixing with bolts & nuts and connection etc as required complete. (only execution cost, materials will be supplied by department). a). 630 Amps capacity b). 400 Amps capacity c). 250Amps capacity	Each Each Each	1 2 1		
13	a). Installation of Earth station with 40mm dia. and 4.50 meter long G.I (Galvanized Iron) pipe with necessary G.I. reducing socket 40mm X 20mm size locking arrangement with hinged cover plate, funnel, G.I. nuts, through bolts etc. for putting pipe and re-fitting with necessary enclosure on the top etc as complete. (only execution cost, materials will be supplied by department). b). Extra for using salt (5kg) and charcoal (64kg) for pipe earth electrode as required. (only execution cost, materials will be supplied by department).	Each Each	1 1		
14	Laying of following size PVC/XLPE insulated and PVC sheathed 11KV grade aluminum conductor LT armoured cable laid in wall including fitting & fixing of cable on the wall by iron clip etc. complete to proper place including connection as specified and directed by the deptt for service connection. (only execution cost, materials will be supplied by department). a). 95sq.mm 3 1/2 core armoured cable	Per mtre	100		

Condition.

1. Above-mentioned quantities are indicative only and subject to change depending upon actual requirement during the time of execution.

Signature of Tenderer

