



ISO 9001-2015

# NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(A Government of India Enterprise)

OFFICE OF THE HEAD OF PROJECT : : TUIRIAL H.E.PROJECT  
MIZORAM

## NOTICE INVITING QUOTATION

**NIQ NO. TrHEP- 12/2019      Date: 19.09.2019**

Sealed Quotations in prescribed format / plain paper with 180 (one hundred eighty) days validity are invited from reputed supplier / dealer / manufacturer for supply of Armoured Aluminium Power Cable (3.5X400 XLPE Cable) as mentioned in **Annexure-I** to Tuirial Hydro Electric Project, NEEPCO, Mizoram. The product must be of reputed make and conform to relevant Bureau of Indian Standard (BIS) Specification.

**Qualifying requirements:** The bidders should have experience in supplying/ dealing such type materials to PSU / Central or State Govt. Department.

**Earnest Money** amounting to ₹35,000/- (Rupees thirty-five thousand) shall be furnished in the form of **Call Deposit / Term Deposit** in favour of NEEPCO Ltd, TrHEP from any Nationalised / Scheduled Bank.

Interested parties may submit their offer on their letter pad/ plain paper alongwith Earnest Money & Warranty Form (Annexure-A) duly signed in a sealed envelope indicating NIQ no. and name & address of the bidder to the Office of the Head of Project, Tuirial Hydro Electric Project, NEEPCO Ltd, Mizoram personally or send through ordinary post. Late receipt due to postal delay will not be the responsibility of the Corporation.

**The rates quoted shall be FOR destination basis (FOR Tuirial H.E. Project, Mizoram) including packing, handling, forwarding, loading, unloading at site, freight, insurance, all applicable Taxes and Duties including GST, Vat/Entry Tax, and any other charges complete in all respects.**

Only one bid against one group from a party offering individually as well as under proprietorship/partnership firm shall be accepted.

Submission of bid shall invariably accompanied by requisite earnest money as indicated above. Latest Income Tax Clearance Certificate / Exemption Certificate/ Copy of PAN Card / GST registration are to be submitted along with the bid.

Bids not accompanied by the requisite EMD shall be rejected. If the bidder withdraws his bid during the bid validity period, the EMD shall be forfeited.

Bidders participating as Micro/Small Enterprise (MSE) shall submit a copy of the certificate issued by competent authority (District Industries Centre, Khadi & Village Industries Commission/ Board, Coir Board, NSCI, Director of Handicrafts & Handloom or any other body specified by Ministry of Micro, Small & Medium Enterprise) and are exempted from payment of EMD.

The Quotation / bid will be received up to **11.00 Hrs.** on **19.10.2019** in the O/O the Head of Project, Tuirial H.E. Project and the same will be opened at **11.30 Hrs.** on the same date in presence of the bidder or their authorized representatives if any.

Incase any of the date/dates mentioned above happens to be a **HOLIDAY**, the next working day will automatically be considered as the valid date.

The selected bidder/bidders shall do/supply the entire quantity as ordered.

The contractor/supplier shall be entitled for payment for the supply/work actually done by him and only at the unit rate quoted by him/ rate finalised after negotiation. No claim by him/them for any work/supply included in the contract/supply order, but not done by him either in part or in full will be entertained.

The earnest money of the successful bidder/ bidders will be kept as **Security Deposit** and will be returned on expiry of the contract period or 30days after completion of warranty period.

The interested bidder may consult the tendering authority or his representative to assess the nature and extent of the services and the conditions under which it would be carried out. He/she/they may also seek such clarifications from these officers as are deemed necessary for his/her/their quotation.

The earnest money of unsuccessful bidders shall be released after finalization of the bid.

NEEPCO reserves the right to accept any bid or award the supply in part or in full or in any manner at their sole discretion or reject any or all bids without assigning any reason thereof. Further The Corporation is not bound to accept the lowest bid.

Sd/-  
GM(C), C&P,  
Tuirial H. E. Project,  
NEEPCO, Mizoram  
Phone: 03837 263354

Memo No. NEEPCO/ HOP/ TrHEP/ T-6/ 2019-20/ **1157-63**

Dtd. 19.09.2019

Copy to:

1. The HOP, TrHEP, NEEPCO for favour of information please.
2. The GM (IT), NEEPCO, Shillong for information please. He is requested to upload the NIT in NEEPCO web site & Central Public Procurement Portal.
3. The GM(C) TrHEP, NEEPCO, Mizoram for information please.
4. The DGM(E/M), TrHEP, NEEPCO, Mizoram for information please.
5. The DGM (F), TrHEP, NEEPCO for information please. He is requested to depute one of his representatives at the time of opening of tender/quotation.
6. The DGM(C), Vigilance, TrHEP, NEEPCO Ltd. for information please.
7. Notice Board.

Sd/-  
GM(C), C&P  
Tuirial H E Project,  
NEEPCO Ltd., Mizoram

## **GENERAL INFORMATION AND TERMS & CONDITIONS**

### **1. UNDERSTANDING AND CLARIFICATION:**

The Bidder is required to carefully examine the bid condition and fully acquaint himself as to all the conditions and matters, which may in anyway affect the work/ supply and cost thereof. If the Bidder have any doubt, he may consult the tendering authority or his representative.

Before submitting the bid, the Bidder shall satisfy himself as to the nature and extent of services and the conditions under which it would be carried out. Any default or failure by the Bidder to acquaint himself with all available information concerning these conditions will not relieve him from the responsibility for the execution of the Contract.

### **2. PRICES / RATES:**

Prices/rates should be quoted both in words and in figures. In case any discrepancy/difference arises between the price quoted in figures and words, price quoted in words will be considered for evaluation purpose.

**The bidders should mention the make and submit full technical specification & data of the product for which he is quoting the rate.**

### **3. CORRECTIONS AND ALTERATIONS:**

All the corrections and alterations in the entries of the tender papers shall be signed in full by the bidder with date.

### **4. DELIVERY PERIOD:**

Two months from the date of placement of supply order.

### **5. COMMENCEMENT OF WORK**

The product is of urgent necessity for supply of power to various installation at Tuirial Power Plant and hence efforts are to be made for completion within allocated time. The contractor/ supplier shall commence the work/supply immediately after the issue of supply order and shall proceed with the same without delay as ordered. If the contractor/supplier commits default in the commencement of supply/ work as aforesaid, the Engineer in Charge shall without prejudice to any other right or remedy is at liberty to cancel the contract and forfeit the earnest money deposited.

The contractor / supplier shall strictly adhere to the supply schedule.

Penalty @ 1% of the respective order value will be imposed for each week of delay in completing the respective work.

### **6. QUANTITY:**

The quantities mentioned in Bill of Quantity / Item Rate Sheet shall be treated as approximate only for comparing tenders and rate purpose and no claims shall be made against the Corporation for excess or deficiency therein whether actual or relative. The contractor shall do/supply the entire quantity as ordered.

### **7. SAFETY CODE**

The contractor/supplier shall at his own expense arrange for the safety provisions as required in respect of all labour directly or indirectly employed for performance of the works/supply and shall provide all facilities in connection therein. In case the contractor/supplier fails to make arrangement

as aforesaid, the Engineer-in-Charge shall be entitled to do so and recover the cost thereof from the contractor

## **8. PAYMENT ON ACCOUNT**

**100% (cent percent) of payment will be made after receipt of materials at site in full & good condition, and duly certified by the Engineer-in-Charge/ Consignee.**

Bills shall be submitted by the contractor/supplier for the part of the supply/work executed/ completed to the Engineer in Charge/ Consignee. The Engineer-in-Charge/ Consignee shall then arrange to have the bills verified for effecting necessary payment. **No advance payment will be made.**

Payments of the contractor/supplier bills shall be made by the Corporation within a reasonable time from the date of submission of bill subject to the acceptance of the Engineer-in-Charge after due inspection.

Payments due to the contractor/ supplier shall be made by ECS/ RTGS/ NEFT, etc. Contractor/ supplier shall furnish a stamped receipt on receipt of payment.

## **9. PRICE ADJUSTMENT/VARIATION:**

No escalation shall be payable against this contract and no claim in this respect shall be entertained.

However, any new tax, duties and levies imposed after the date of floating of NIT (i.e. after 19.09.2019) or change in rate giving additional financial implication, the same shall be reimbursed/ adjusted on proof of documentary evidence.

## **10. RESPONSIVENESS OF THE BID:**

In order to determine the responsiveness of the bid, it must comply with the following conditions:

- a. Bids duly signed by the bidder
- b. Registered Deed of partnership specifying Power of Attorney in case of partnership firms only.
- c. Identity of the Bidder (Individual) with photo.
- d. Documents in respect of Experience in executing similar works.
- e. Earnest money & copy of PAN card.
- f. E-mail ID contact person / postal address.

Non submission of any of the above documents will result in rejection of the bid.

## **11. BID REJECTION CRITERIA:**

The bids will be rejected on the following grounds:

- a. On non receipt of documents as specified in clause no.10 above.
- b. Bids submitted with communication address of any of Corporation's premises/quarters etc.
- c. Bids submitted without proper communication address.
- d. Bids containing any false statement.
- e. Bids received after the deadline fixed for the bid closing time and date.
- f. Bids received with any condition(s) whatsoever.

## **12. SECURITY DEPOSIT:**

The earnest money of successful bidder will be kept as Security Deposit and will be returned on expiry of the contract period or 30days after completion of warranty period whichever later

## **13. ROAD PERMIT:**

Road license and / or permit, if necessary, shall be arranged by the Contractor/supplier. However, if any documentary assistance is required to facilitate the transportation, this will be supplied by the Purchaser to the extent possible.

## **14. BRIEF PROJECT INFORMATION:**

The Tuirial Hydro Electric Project/ Plant is located near Saipum village in Kolasib District of Mizoram at Longitude 92°53.2' East & Latitude 24°21.5' North. The project site is approximately 85km from Silchar (in Assam), 50km from Bhagabazar (in Assam) on NH54 and 50km from Bilkhawthlir (in Mizoram) on NH54. The Project site is situated approximately 100m above MSL. The last stretch of approximately 30km of Bhagabazar-Saiphai-Project site Road passes through undulating hilly terrain with RL near Saipum being 450m.

The Project site is situated in a rainfall area with annual average rainfall being 2540mm and temperature varying from 10°C to 39°C. It rains almost every month in rainy season and rainy seasons is spread over a period of 6(six) month from May to October. The heaviest rainfall occurs in 4(four) months from June to September.

## **15. PRICE PREFERENCE TO MICRO AND SMALL INDUSTRIES**

Complying with the Public Procurement Policy for Micro and Small Enterprise (MSE) 2012, the following provisions shall prevail for award of 20% of the total quantity (applicable items) of the tender to the participating MSE subject to meeting terms & conditions.

Where the quantity can be split, MSEs quoting a price band of L1+15% shall be allowed to supply upto 20% of the quantity provided they match L-1 price.

## **16. STANDARDS:**

The design, manufacture, assembly and testing as well as performance (including safety, earthing, and other essential provisions) of equipment/ materials & accessories covered under this specification shall, in general, comply with the latest issue of:

Standards and Codes of Practices published by Indian Standards Institution(BIS)

Latest Indian Electricity Rules & statutory requirements of Central Govt. & State Govt.

The equipment components and materials used and supplied shall conform to high standards of design, engineering and workmanship and shall be suitable for efficient operation and reliable service in Hydro Power Plant conditions.

All items to be supplied shall also comply with the statutory requirements of Govt. of India and Mizoram State Governments. The installation shall also confirm to Indian Electricity Act and Indian Electricity Rules.

## **17. WARRANTY**

For a period of **12 (twelve) calendar months** from the date of successful delivery at site (called the warranty period), the Contractor shall remain liable to replace any wrong/defective cables supplied by them or any damages caused to cables during transportation after receipt of information from the corporation and solely at the cost of the Contractor/ supplier.

## **18. COMPLIANCE WITH REGULATIONS**

The Contractor / supplier shall obtain and pay for all permits and licenses or other privileges necessary to complete the work/supply, certified copies of which shall be delivered to the Purchaser or his authorized representative and will become the property of the Purchaser.

Unless otherwise specified, all works / supply, to the extent applicable, shall be carried out in accordance with the Indian Electricity Act, 2003, the Indian Electricity Rules, 1956 or any amendment / order thereof, which may be issued during the currency of the Contract and the requirements of any other Rules, Regulations and Act in India to which the Corporation may be subjected to.

The Contractor shall comply with all applicable laws, or ordinances, codes, approved standards, rules and regulations and shall procure all necessary Municipal and Government permits, licenses etc., at his own cost. The Contractor shall leave the Purchaser and Engineer-in-charge harmless as a result of any infraction thereof.

## **19. ASSIGNMENT AND SUBLETTING:**

The contractor shall not sub-let, transfer or assign the whole or any part of the supply/ work under the contract.

- 20. The supplier / bidder shall not be a NEEPCO employee in service or dependent of NEEPCO employee in service.**
- 21. The supplier / bidder shall not be employed in any Government / Quasi Government / Public Sector Undertaking.**
- 22. The contractor/supplier shall adhere to the prevailing labour laws. In this respect all responsibilities lie with the contractor/supplier and the Corporation shall be kept indemnified by the contractor/supplier.**
- 23. The tenderers, in their own interest, are advised to inspect and examine the sites and surroundings and satisfy themselves before submitting their tenders in respect of the site conditions which may influence or affect the supply/work or cost thereof under the contract.**

The tenderers should note and bear in mind that the Corporation shall bear no responsibility for the lack of acquaintance of the site and other conditions or any information relating thereto, on their part. The consequences of the lack of any knowledge, as aforesaid, on the part of the tenderers shall be at their risk and cost and no charges of claims, whatsoever, consequent upon the lack of any information, knowledge of understanding shall be entertained or payable by the Corporation.

- 24. All applicable Taxes & Duties and minimum wage that are in force on the date of floating of tender will be to the account of the Contractor. However, in the event of any decrease or increase in the rates of Taxes & Duties, imposition of new taxes and duties, if any, after the date of floating of bids, shall be to the account of the purchaser and shall be recovered from or reimbursed to the Contractor, at actual on production of documentary evidence and on receipt of goods at site in full and good condition.**

The above condition shall not be applicable for "Income Tax and Corporate Tax" which shall be solely to the account of the Contractor.
- 25. Submission of bids shall not automatically construe qualification for evaluation.**
- 26. Complete Postal Address of the bidder along with phone number shall be mentioned.**
- 27. Telephonic, Fax or telegraphic tender will not be considered for acceptance. Corporation is not responsible for any delay in postal delivery of tender.**

## 28. BID EVALUATION PROCEDURE:

The techno – commercial suitability of the bids shall be judged on the basis of the Techno – commercial data, information, design etc. furnished with the bids. The technical specifications, drawings, amendments, minutes of discussions and other relevant document etc. shall be considered as the reference documents for the purpose of technical evaluation. Techno-Commercial Evaluation will be done based on the information furnished by the bidders. The techno-commercial suitability of the bidder shall be judged considering the financial capability and experience in the similar type of job. The bids, which are not found to be suitable or acceptable by NEEPCO shall be rejected and such price bid shall not be evaluated. The decision of the Corporation in this matter shall be final and no correspondence in this respect shall be entertained.

For the purpose of evaluation & comparison of price bid the following will consider:

- ( i ) Bid price quoted by the bidder.
- ( ii ) Cost compensation for Deviations / Additional clauses as worked out as per relevant clauses.
- (iii ) Unconditional discount / rebate if any.

## 29. AWARD CRITERIA :

The contract shall be awarded to the responsive bidder offering the lowest evaluated bid in conformity with the requirements of the bidding documents, provided that the bidder is determined to be able to perform this contract satisfactorily. NEEPCO shall be the sole judge in this regard. The notice of award of the contract will be made in writing to the successful bidder by the Corporation.

## 30. INFORMATION REQUIRED WITH THE PROPOSAL:

The bidder must clearly indicate the name of the manufacturer, type and size, etc. proposed to be supplied. The bid shall also contain drawings and descriptive materials indicating general dimensions, and all other relevant details.

The above information shall be provided by the bidder in the form of separate sheets, drawings and catalogues. The bidder may furnish pages of their catalogue and other documents to provide additional information and data as deemed necessary by the bidder.

Any descriptive materials and drawings submitted by the bidder will be retained by the Purchaser. Any major departure from these drawings and descriptive material submitted will not be permitted during the execution of the Contract without specific written permission from the Purchaser.

## 31. TECHNICAL REQUIREMENT

Technical parameter shall be as follows:

Sl. No	Description	Specification
1	<b>Name of Manufacturer</b>	Reputed make having certification of Bureau of Indian Standard (BIS) : to be indicated
2	<b>Type of cable</b>	A2XFY
3	<b>Voltage Grade V</b>	1100
4	<b>No of cores X size in sqmm</b>	3.5 X 400
5	<b>Conductor</b>	
a)	Material	H2/H4 Grade Aluminum as per class 2 of IS:8130/84, latest
b)	Max. d.c. resistance of conductor at 20°C (ohm/km)	
	Main	0.0778.
	Neutral	0.164.
c)	Shape of the conductor	Stranded Compacted Sector

6	<b>Insulation</b>	
a)	Material	XLPE as per IS 7098 (Pt-1)/88, Latest
b)	Nominal thickness (mm)      Main	2.0
	Neutral	1.6
c)	Core Identification	Red, Yellow, Blue & Black
7	<b>Inner Sheath</b>	
a)	Material	Wrapping of Tapes
b)	Minimum thickness (mm)	0.7
8	<b>Armouring</b>	
a)	Material	Galvanised Steel
b)	Type of armouring	Flat Strip
c)	Nominal size of armour (mm)	4.0x0.8
9	<b>Outer Sheath</b>	
a)	Material	Extruded PVC Type 'ST2' as per IS:5831/84
b)	Thickness (mm)	2.52 (minimum)
c)	Colour of outer sheath	Black
10	<b>Electrical Parameters</b>	
a)	Max. a.c. resistance of conductor at 90° C (ohm/km)	0.102
b)	Calculated cable reactance (ohm/km)	To be indicated along with relevant IS code no.
c)	Impedance of cable (ohm/km)	To be indicated along with relevant IS code no.
d)	Approx. Cable Capacitance (mfd/km)	To be indicated along with relevant IS code no.
11	<b>Maximum conductor temperature under normal operating conditions</b>	90° C
12	<b>Maximum conductor temperature at the termination of short circuit</b>	250° C
13	<b>Short Circuit rating of conductor for the duration of 1 sec (KA)</b>	To be indicated along with relevant IS code no.
14	<b>Continuous Current carrying capacities:-</b>	
a)	In Ground at 30 °C (A)	420
b)	In Air at 40 °C (A)	526
15	<b>Applicable Standard</b>	IS:8130/84, IS:7098 Part I /88, IS:5831/84, IS:3975/88 etc. with latest up to date amendments.
16	<b>Nominal overall diameter of the cable in mm</b>	To be indicated along with relevant IS code no.
17	<b>Minimum bending radius</b>	To be indicated along with relevant IS code no.
18	<b>Max. Tensile strength</b>	
(i)	For Cable pulled with stocking (Newtons)	To be indicated along with relevant IS code no.
(ii)	For cables pulled with pulling eyes (N)	To be indicated along with relevant IS code no.
19	<b>Embossing</b>	1100 Volts Grade XLPE
20	<b>Printing</b>	Year, Brand, 1100 Volts, GRADE XLPE, Cable size, Cable Type with sequential marketing at every one meter interval.
21	<b>Physical Parameters</b>	
a)	Size	3X400+185
b)	Minimum no. of Strand in Conductor	53/30
c)	Nominal insulation thickness in mm	2.6/2.0
d)	Approximate overall dia of cable in mm	64 (to be indicated)
e)	Approximate weight of cable kg/km	6750 (to be indicated)



**ANNEXURE-I****RATE SHEET**

NIQ no. TrHEP-12/2019 Date: 19.09.2019

Supply of Armoured Aluminum Power Cable at Tuirial H. E. Project, Mizoram						
Sl. No.	DESCRIPTION/ ITEM	Unit	Quantity	Rate (in Rs.)		Amount (in Rs.)
				In Figure	In words	
1	Armoured Aluminium Power Cable for transmitting electrical power (size in sqm: 3X400+185)	Meter	1000			

Signature of bidder

**WARRANTY FORM**

M/s. \_\_\_\_\_  
\_\_\_\_\_ having its registered office at  
\_\_\_\_\_ (hereafter referred to as the contractor)

having carefully studied all the documents, drawings etc. pertaining to the contract

For works \_\_\_\_\_  
\_\_\_\_\_ and the local and  
site conditions having undertaken to execute the said works/supply, do hereby warrant that:-

1. The contractor/supplier is familiar with all the requirements of the contract.
2. The contractor/supplier has investigated the site and satisfied himself regarding the character of the work and local conditions that may affect the work or its performance.
3. The contractor/supplier is satisfied that the work/supply can be performed and completed as required in the contract.
4. The contractor accepts all risks directly or indirectly connected with the performance of the contract.
5. The contractor/supplier has had no collision with other contractors, with any of the men of the Engineer-in-Charge or with any other person in the Corporation to execute the said works/supply according to the terms and conditions of the said contract.
6. The contractor/supplier has not been influenced by any statement or promise of the Corporation or the Engineer-in-Charge but only by the contract document.
7. The contractor/supplier is financially solvent.
8. The contractor/supplier is experienced and competent to perform the contract to the satisfaction of the Engineer-in-Charge.
9. The statement submitted by the contractor/supplier is true.
10. The contractor/supplier is familiar with all general and special laws, Acts, Ordinances, Rules and regulations of the Municipalities, District, State and Central Government that may affect the work, its performance or personnel employed therein.

(Signature)

Date: \_\_\_\_\_

For and on behalf of the Contractor/supplier.