



नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड

(भारत सरकार का उद्यम)

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

(A Government of India Enterprise)

SHORT NOTICE INVITING BID

NIB No. NEEPCO/GM(C)/HOP/INV. DIVN.-I/01 Dated 09/01/2014

Sealed bids are invited with 120 days validity from the Manufacturers / Authorised Dealers / Authorised Service Providers for the following for Killing Hydro Electric Project, NEEPCO in Assam -Meghalaya Border:

Name of the work	Estimated Amount	EMD	Sale/ issue of Bid Document	Bid Fee
(a)Supply, installation, testing and commissioning of Automatic Weather Station with satellite communication system consisting of rainfall sensor, air temperature, relative humidity sensor, and evaporation pan with automatic gauge sensor, including Civil works for fixing of DCP and sensors. (b)Supply, installation, testing and commissioning of Automatic Water Level measurement station with satellite communication system including Civil works for fixing of DCP, conduit pipe and construction of triangular tower/ mast/ concrete tower in river bed etc.	₹ 17.33 Lakhs	₹ 43,500.00 (Rupees forty three thousand five hundred only)	From 20.01.14 to 03.02.14	₹ 1000.00 (Rupees one thousand only)

Detailed Bid Document may be seen in www.neepco.gov.in from 20.01.14.

**G. M.(C)/HOP, Investigation Division-I
NEEPCO, Guwahati-781005**



ISO: 9001, 14001,
& OHSAS: 18001

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड
(भारत सरकार का उद्यम)

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

(A Government of India Enterprise)

O/O THE GENERAL MANAGER(C)/HOP, INVESTIGATION DIVISION-I,
R.G. BARUAH ROAD, GUWAHATI 781005

NIB No. NEEPCO/GM(C)/HOP/INV.DIVN.-I/01 Dated 09/01/2014

NOTICE INVITING BIDS

1. North Eastern Electric Power Corporation Limited (NEEPCO), a Public Sector Enterprise under the Ministry of Power, Government of India, invites sealed bids from the Manufacturers/ Authorised Dealers/ Authorised Service Providers under the Single-Stage Single-Envelope bidding system through Domestic Competitive Bidding (DCB) route for the following for Hydro Meteorological Data Collection of Killing Hydro Electric Project located in Assam-Meghalaya Border, India:

Name of Work	Approximate estimated value (in `)	Earnest Money Deposit (EMD) (in `)	Time of Completion
(a)Supply, installation, testing and commissioning of Automatic Weather Station with satellite communication system consisting of rainfall sensor, air temperature and relative humidity sensor, and evaporation pan with automatic gauge sensor, including Civil works for fixing of DCP and sensors. (b)Supply, installation, testing and commissioning of Automatic Water Level measurement station with satellite communication system including Civil works for fixing of DCP, conduit pipe and construction of triangular tower/ mast/ concrete tower in river bed etc.	17.33 Lakhs	43,500.00 (Rupees forty three thousand five hundred only)	60 (sixty) days in all respect from the date of issue of Letter of Intent(LOI), which includes the Delivery Period of 45 (forty five) days from the date of LOI for supply of all Equipments & accessories at Site

2. **Bidding Procedure:**

The Bidder shall submit Bids containing both the Technical Proposal and the Financial proposal under Single-Stage Single-Envelope Bidding system in Triplicate, 1(one) Copy marked as **"Original"** and the other 2(two) Copies marked as **"Duplicate"** in sealed envelope duly signed by the authorised signatory of the bidder in each page with proper seal and super scribed with "Bid against NIB No. NEEPCO/GM(C)/HOP/Inv. Divn.-I/01 Dated 09.01.14" along with the envelope containing the "Qualifying Requirements". The envelopes shall be addressed as below:

To,

General Manager(C)/HOP
Investigation Division-I
NEEPCO
R.G. Baruah Road, Guwahati 781005
Assam.

3. **Earnest Money Deposit (EMD):**

The Earnest Money Deposit (EMD) of the specified amount in the form of Bank Guarantee/ Call Deposit Receipt from any Indian Nationalised/ Scheduled Bank duly pledged in favour of NEEPCO Ltd. payable at Guwahati shall be submitted along with the bid in a separate sealed envelope, failing which the bid shall not be opened and shall be returned unopened to the bidders. The sealed envelope containing EMD shall be super scribed as "EMD for Bid against



NIB No. NEEPCO/GM(C)/HOP/Inv. Divn.-I/01 Dated 09.01.14" and shall be addressed as mentioned in the previous para.

4. **Scope of Work**

Scope of Work for above shall be to supply, installation, testing and commissioning of one new Automatic Weather Station and one new Automatic Water Level measurement station both with satellite communication system including civil works at selected sites and shall be regulated by the Technical Specifications, Bill of Quantities (BOQ) of Detailed Bid Document. The Scope of Work shall include but not limited to the following:

- a) Supply of (a) one state-of-the-art Automatic Weather Station (AWS) equipment consisting of automatic rainfall sensor(tipping bucket type), air temperature and relative humidity sensor, evaporation pan with automatic gauge sensor, including satellite based data communication system and data logger with display unit and satellite transmitter, power supply unit including solar panel, charge regulator, batteries, lightening arrestor and earth system in NEMA4 enclosure with all connectors and cables, and (b) one state-of-the-art Automatic Water Level measurement station consisting of radar level sensor, including satellite based data communication system and data logger with display unit and satellite transmitter, power supply unit including solar panel, charge regulator, batteries, lightening arrestor and earth system in NEMA4 enclosure with all connectors and cables.
- b) Supply of triangular structural steel towers required for the job.
- c) Preparation of selected field station sites.
- d) Transportation of the equipments to the selected field station sites, installation and commissioning of the automatic stations at field sites including civil works for fixing DCP, sensors, conduit pipe etc.
- e) Online Accessibility to automatic station data transmitted through satellite based data communication system on real time basis.

5. **Pre-Qualification/ Essential Qualifying Requirements:**

5.1 **Technical:**

- 5.1.1 The Bidder shall be a Manufacturer/Authorised Dealers/ Authorised Service Providers. The bidder will have to submit authorisation document from their Principal Organisation in FORMAT A provided herewith.
- 5.1.2 The Bidder must have experience of successfully completed works of supply and commissioning of Automatic Weather Station including civil works similar to that given in the Scope of Work as mentioned in Para 4 above during last 7(seven) years, ending last day of the month previous to the one in which bids are invited, and should be either of the following:
 - a) Three similar completed works of similar make successfully commissioned under Govt. Department/Central Public Sector Undertaking each costing not less than the amount equal to 40% of the estimated cost
 - or
 - b) Two similar completed works of similar make successfully commissioned under Govt. Department/Central Public Sector Undertaking each costing not less than the amount equal to 50% of the estimated cost
 - or
 - c) One similar completed work of similar make successfully commissioned under Govt. Department/Central Public Sector Undertaking costing not less than the amount equal to 80% of the estimated cost.
- 5.1.3 The Bidder shall have adequate service setup preferably in North Eastern Region to provide dependable and quick after commissioning services including necessary repair and maintenance of the field stations to be installed and shall submit necessary documents regarding such set up.
- 5.1.4 The bidder's proposed equipments should conform to the Technical Specification of the Bid Document. He should submit product specification in this regard along with application for issuance of bid document.

5.2 **Financial:**

- 5.2.1 The Bidder should have adequate financial stability and status to meet the financial obligations pursuant to the scope of work. Average Annual financial turnover as per Audited Annual Reports for last two years should be at least 30% of the estimated cost.



5.2.2 The Bidder shall submit latest Banker's certificate indicating amount in support of solvency.

5.3 Others:

5.3.1 Legal Status:

The bidder shall submit the documents in respect of its legal status.

The above stated requirements need to be fulfilled by the Bidder as pre qualification requirement NEEPCO may also ask for any additional information as may be deemed necessary.

5.4 Formats mentioned under paras at Sl. No. 5.1.1 and 5.1.2 above are given below:

FORMAT OF AUTHORISATION BY A MANUFACTURER/ PRINCIPAL ORGANISATION

(Reference Sl. No 5.1.1)

FORMAT A

Sub. : Authorization by a Manufacturer/ Principal Organisation

DECLARATION

(To be submitted on Rs. 100/- stamp paper)

We are an established manufacturer of

Document (certified copy) in respect of our recognition/authorization by the Gov. of India/ State Govt./ PSU (with validity up to) is enclosed herewith.

Hereby authorize M/s. _____ (name & address of dealer / agent) to bid, negotiate and conclude the order with you as our authorized agent.

We shall remain responsible for the tender/ Agreement negotiated by M/s _____, jointly and severally. No company or firm or individual other than M/s _____ are authorized to bid, negotiate and conclude the order in regard to this business against this specific tender as for all business in the entire territory of India.

In case duties of the agent/dealer are changed or agent/ distributor is changed it shall be obligatory on us to automatically transfer all the duties and obligations to the new Indian Agent failing which we will ipso-facto become liable for all acts of commission or omission on the part of new Indian Agent/ dealer.

[Name & Signature]

for and on behalf of M/s. _____ [Name of Manufacturer/ Principal Organisation]

Date:

Place

FORMAT FOR WORK EXPERIENCE

(Reference Sl. No. 5.1.2)

FORMAT B

Name of the Organisation								
Automatic Weather Station & Automatic Water Level Measurement Station								
Sl. No	Name of the Project	Name & Address of the Client	Contact telephone Number of the client	Description of the Work	Value of works in Rs	Start date	Date of completion	Present functional status

Note: Attach relevant Work Order and completion certificates from the implementing Agency/ Owner for works in previous 7 years.



Authorized Signatory
Company Seal

Date:
Place:

6. Schedule of sale, submission, opening of bids & Bid validity shall be as mentioned below:

1.	Date of commencement of sale of Detailed Bid Document from NEEPCO's Guwahati Office and viewing of Detailed Bid Document from NEEPCO's website	From 20.01.14 to 03.02.14.
2.	Last date and time for submission of Bids	25.02.14 at 12:30 Hours (Indian Standard Time)
3.	Date and time of Opening of Bids	25.02.14 at 14:00 Hours (Indian Standard Time)
4.	Bid validity	120 days from the date of opening of Bids

- (a) In the event of the date specified for bid receipt and opening being declared as a closed holiday for NEEPCO's Office, the due date for submission of bids and opening of Techno-Commercial Bids will be the following working day at the appointed times.
- (b) The Detailed Bid Document can be obtained from the Office of the General Manager (C)HOP, Investigation Division-I, NEEPCO, Guwahati 781005, Assam, India from 10:00 Hours (Indian Standard Time) to 16:30 Hours (Indian Standard Time) with effect from 20.01.14 to 03.02.14. on working days, on application to the GM(C)/HOP, Inv. Divn.-I **only by the interested bidders who fulfil the qualifying requirements as indicated in Para 5 above**, along with payment of ` 1,000.00 (Rupees one Thousand) only in the form of Demand Draft/ Banker's Cheque in favour of NEEPCO Ltd. and payable at Guwahati towards the Non-Refundable Bid fee. NEEPCO shall also promptly despatch the documents by Registered Post/ Speed Post to the interested bidders who fulfil the qualifying requirements, if so requested on payment of the requisite Bid fee. Under no circumstances shall NEEPCO be responsible for late delivery or loss of documents so mailed.

Late receipt of request for issuance of Detailed Bid Document, either by hand or by post, shall not be entertained.

- (c) Downloaded bid from website will not be accepted.

7. Price:

The Bidder shall quote Firm prices both in figures and words on the basis of FOR project site Killing H.E. Project, NEEPCO Ltd., Assam-Meghalaya Border inclusive of supply, packing, forwarding, loading, transportation & transit insurance, unloading, installation, testing & commissioning at site. In case of discrepancy between figure and words, the amount indicated in the words will be considered.

8. Taxes:

The rates to be quoted by Bidders shall be FOR Killing H.E. Project, Assam-Meghalaya Border, inclusive of all applicable Indian & Non-Indian Taxes, Duties, Levies, Royalties, VAT, Cess, R&D Cess, Mahal Charges, Octroi, Income Tax, Professional Tax, Works Contract tax, Entry tax, Custom duty & Excise duty etc. except Service Tax, that may be levied by the Govt. or any other body in accordance with the laws and regulations prevailing on the date 28 (twenty-eight) days prior to the latest date for submission of Bids. The Service Tax, as leviable shall be quoted separately indicating the rate of Service tax, prevailing as on the date 28 (twenty-eight) days prior to the latest date for submission of Bids.

9. Spares:

- 9.1 The Bidder shall submit a list of critical spares including sensors and other components for operating the systems for a period of two years after the expiry of the warranty period. The cost of these spares shall be restricted within 15 (fifteen) percent of the total cost of equipment.



- 9.2 One list of accessories and test equipment along with their cost shall also be submitted by the Bidder along with the Bid.
- 9.3 In case of any component and/or parts for successful commissioning of the system is not included as a part of the main offer, the same shall be clearly specified in the Bid along with the functions of such component. The Bidder shall provide all required information of such component to enable for taking decision regarding procurement and shall also quote separately for the same.
10. **Warranty and Annual Maintenance Contract (AMC):**
- 10.1 The Bidder must provide free comprehensive warranty for 2 (two) years from the date of acceptance of commissioning of the systems/ field stations. AMC charges for first two years under warranty period will be NIL.
- 10.2 The Bidder must give an undertaking along with the Bid in writing that Annual Maintenance Contract for all the equipments commissioned at field will be provided after initial period of 2 (two) years through separate AMC.
11. **Permissions:**
The successful bidder shall obtain all required permits and permissions for installation of the sensors, Data Collection Platforms (DCP), Bench Mark at water level measurement station, and utilities, as may be required from the concerned Govt. deptt. without any extra cost to NEEPCO.
12. **Training:**
The Supplier shall provide in-depth training in hardware and software to 2 (two) NEEPCO officers regarding installation, testing, commissioning, operation and maintenance of the system, and regarding all software aspects and satellite data communication system at the manufacturer's place in India and at the field station. No extra payment will be made by NEEPCO for imparting the above training. The Supplier will bear the cost of Trainee Officers towards travel expenses for imparting training at the manufacturer's place.
13. **Documentation:**
The Supplier shall deliver all the installation instructions for all the software and equipments and Operation & Maintenance Manuals for all the equipments supplied, which shall include but not restricted to User's Guide, System Administrator's Guide, System Design concepts, Programmer's Guide, Installation Guide, Trouble shooting Guide. The catalogues of all the vital components used in the system should also be provided.
14. **Testing and Acceptance:**
The Supplier shall indicate what kind of quality control certification the manufacturer of each equipment meets (viz. ISO 9000 etc.)
The supplier shall submit testing and acceptance plan for performing a Site Acceptance Test for each site to verify if all the civil works are done properly and all the equipments are installed properly as per drawings and a document reflecting the results must be submitted.
The supplier must also perform a Field Acceptance Test consisting of physical, electrical test of all the electronic equipments related to the automatic stations. The station is considered installed when it is fully operational and the correct data can be verified as per specification.
15. **Reliability:**
It is desirable that the Automatic Stations shall be capable of operating for 2-3 years without physical technical intervention and shall have built-in performance checks and indicators which can be utilised wherever possible.
16. **Performance Bank Guarantee:**
- 16.1 The successful bidder shall have to submit the Performance Bank Guarantee (BG) from a Nationalised Bank for an amount equivalent to 10% of contract value against supply, installation, testing and commissioning from the date of issue of Letter of Intent/ award, by way of guarantee for the due and faithful performance of the agreement and for the due and faithful performance of the letter of intent/ award along with the other terms and conditions agreed to. The bank guarantee shall be initially valid for such period to cover 90 (ninety) days after the warranty period as per the contract. The format of BG has been given in the Bid Documents.



- 16.2 The Supplier, on receipt of written instructions from the Purchaser, at his own cost, get the validity period of BG furnished by him, extended from time to time as per the instruction of the Purchaser and shall furnish the extended revised BG or any extension thereof. In case of the BG is not received by the Purchaser within the specific period the Purchaser entirely at his discretion shall be at liberty to encash the aforesaid BG.
- 16.3 The Performance BG shall cover additionally the following guarantees to the Purchaser:
- a) The successful and satisfactory performance of the equipment supplied and commissioned as per the specifications and documents
 - b) That the equipment/ items supplied by him shall be free from all defects in material/ workmanship, any defect noticed during the Guarantee period shall be rectified by the Supplier free of cost.
- 16.4 The performance Guarantee will be returned to the Supplier without any interest at the end of 90 (ninety) days after warranty period, subject to fulfilment of the contract for supply, installation, testing, commissioning in all respect.
- 17 Payment Terms:**
- 17.1 80% payment with 100% taxes & duties will be paid on receipt and acceptance of the materials at site, and balance 20% payment will be released after final commissioning and acceptance of the Automatic Stations.
- 17.2 No advance payment shall be made towards performance of the contract.
- 17.3 All the bank charges shall be borne by the Supplier.
- 17.4 Income tax at source at the applicable rate shall be deducted from the payment due and the certificate of TDS shall be provided to the Supplier.
- 18 Road Permit:**
- The necessary Road Permits required for transportation of the equipments to selected field station sites shall be arranged by the successful Bidder/ Supplier.
- 19 Other Documents to be submitted along with the Bid:**
- The bids must be accompanied with the attested copies of the following:
- a) Copy of PAN/ GIR card
 - b) VAT Registration Certificate
 - c) Service Tax Registration Certificate, as applicable
 - d) Income Tax Clearance Certificate.

NEEPCO reserves the right to reject any or all bids, or to annul the bidding process and reject all the bids for any justified and genuine grounds without thereby incurring any liability to the affected bidders, nor does it have any obligation to inform the bidders of the ground for the action of NEEPCO.

(Tulshi Baruah)
General Manager (C)/ HOP, Investigation Division-I
NEEPCO, Guwahati 781005