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OHSAS 18001

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड
North Eastern Electric Power Corporation Limited
(भारत सरकार का उद्यम) / (व ह्वोरत. वी इन्वेव्ह एगटलगाइड)
135 मे.वा. अगरतला गैस टरबाइन कंबाईंड साइकिल पावर प्लांट
135 MW Agartala Gas Turbine Combined Cycle Power Plant
अनुबंध एवं खरीद: प्रचालन स्कंध/Contract & Procurement /Operation Wing
रामचन्द्र नगर, त्रिपुरा (प) / Ramchandra Nagar, Tripura (W) - 799008



NOTICE INVITING TENDER(e-TENDER)

e-NIT No. 02/NEEPCO/AGTCCPP/C&P/2017-18 Dated 03-04-2019

The NORTH EASTERN ELECTRIC POWER LIMITED, AGTCCPP intends to invite Online Sealed bids (Single-Stage Two-Envelope) with 120 (One Hundred Twenty) days validity are invited tender for **Providing Services for "MONITORING AND VERIFICATION AUDIT BY EMPANELLED ACCREDITED ENERGY AUDITING FIRM FOR PAT CYCLE-II" AS PER THE GUIDELINES OF BEE** of 135 MW Agartala Gas Turbine Combine Cycle Plant, NEEPCO Ltd. Ramchandranagar, Tripura(W), Pin 799008 " from BEE Accredited Energy Auditor as per guidelines of Bureau of Energy Efficiency(BEE) EC Act 2001.

Sl. No.	Job Description	Quantity
1.	To conduct Monitoring and verification audit by Empanelled Accredited energy auditing firm for PAT cycle-II as per the guidelines of BEE for 135 MW Combined Cycle Power Plant of NEEPCO at R. C. Nagar , Agartala	1 Job

Detailed Tender Document containing Terms and Conditions for Bidding including Qualifying Requirement can be down loaded from NEEPCO's online portal <https://etenders.gov.in>

Estimated Value: ₹ 4,70,000/- (Rupees Four Lakhs Seventy Thousand) Only including to & fro journey.

BIDDING PROGRAMME

Participations & Submission of Tenders:

1. Registration for Participation in Bids:

- 1.1 Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://etenders.gov.in/e procure/app>) by clicking on the link "Online bidder Enrollment" on the CPP Portal which is free of charge.
- 1.2 As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 1.3 Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 1.4 Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- 1.5 Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- 1.6 All the bidders are requested to get themselves registered well in advance and no extra time will be considered for submission of bids for the delay in online vendor registration, if any.
- 1.7 Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

2 Submission and opening of Bids:

- 2.1 Bidders shall prepare and submit their bids in the electronic form in <https://etenders.gov.in>. Bidding forms will be available in the above website. Bids will be opened on the stipulated date and time in the

office of the Sr.Manager(E/M),C&P wing, NEEPCO Ltd, AGTCCPP, R.C.Nagar, Agartala, Tripura(W),Pin-799008.

- 2.2 Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2.3 The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 2.4 Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.
- 2.5 Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 2.6 Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- 2.7 The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 2.8 All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening.
- 2.9 The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 2.10 Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 2.11 The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

3 Important Dates & Bid Validity:

- 3.1 Date of commencement of downloading of bid documents from the portal
<https://etenders.gov.in/eprocure> w.e.f 18:00 Hrs of 03/04/2019.
- 3.2 Last date & time for submission of bids online: 13:00 Hrs of 01/05/2019.
- 3.3 Date & time for opening of bids online: 15:00 Hrs of 03/05/2019.
- 3.4 Bid validity: 120 (One Hundred Twenty) days from the date of opening of bids.

In case 03/05/2019 is a holiday, the bid shall be opened on the next working day at the appointed times. Quotations received through any Off-Line Mode shall not be considered.

Bidders are requested to visit e-tendering portal <https://etenders.gov.in/eprocure>, NEEPCO website <http://www.neepco.co.in> and CPP portal <http://www.eprocure.gov.in> regularly for any modification/clarification of bid document.

- 4 **Earnest Money:** An amount of ₹ 9400/- (Rupees Nine Thousand Four Hundred) only to be submitted along with the offer in the form of Demand Draft Drawn in favour of ' North Eastern Electric Power Corporation Ltd.' and payable at 'Agartala' from any Nationalized / Scheduled Bank, failing which their bid shall not be considered. The EMD should reach the office of the undersigned on or before the date of opening of the tender.

If a bidder withdraws the tender while it is under consideration or, after placement of order, the bid security /EMD shall be forfeited along with other action as the Corporation deems fit. The EMD of all unsuccessful bidders shall be returned only after placement of order with the successful bidder.

- 5 **Tender fees/ Bid Document Fee:** A non-refundable Tender Fee of ₹ 500/- (Rupees Five Hundred) only shall be submitted in addition to the EMD by the prospective bidders in the form of Demand Draft Drawn in favour of 'North Eastern Electric Power Corporation Ltd.' and payable at 'Agartala' from any Nationalized / Scheduled Bank, failing which their bid shall not be considered. The Tender Fee should reach the office of the undersigned on or before the date of opening of the tender.

Address of the undersigned : Sr. Manager(E/M), C&P,
AGTCCPP, NEEPCO Ltd.,
R.C. Nagar, Agartala - 799008, Tripura(W).

- 6 **Evaluation of Tender:** Techno-commercial bid shall be opened on online. Purchaser will examine the Tender document to determine whether they have fulfilled the qualifying requirement, whether they are complete and meet the requirements of this Tender. Tender submitted without fulfilling the qualification criteria shall be rejected and shall not be considered for price bid evaluation. Price bid of those tenderers meeting the qualifying requirement and requirements of Tender specification shall be opened on completion of Techno-commercial Evaluation. Date for price bid opening shall be notified at a later date.

INSTRUCTION TO BIDDER

The intending bidders who fulfill the eligibility / qualifying criteria as given below should participate in the on-line Bidding process. Fulfillment of criteria as mentioned is essential, as non-compliance will lead to rejection of the Bid, without any further communication.

Qualifying Criteria: The bidders must fulfill the following qualifying criteria:

1. The Tenders of the bidders must accompany tender fee and EMD. Without Tender Fee and EMD of requisite amount, the tenders will be rejected.
 - a) The bidder must have the experience of having successfully executed work order related to M&V audit under PAT cycle -II in NTPC/SEBs/PSUs/ Thermal Power Plants having capacity not less than 135MW.
 - b) The Firm should be empanelled as Accredited Energy Auditor with BEE
 - c) Copies of successfully executed work orders for same or, similar work during last three years.
 - d) Three similar completed works, each of value not less than ₹ 1,88,000/-
OR
 - e) Two similar completed works, each of value not less than ₹ 2,35,000/-
OR
 - f) One similar completed work of value not less than ₹ 3,76,000/-.
2. Copy of Bidders PAN Card, Proprietor's Name, Legal Business Address, GST Registration, , "BEE certified Accredited Energy Auditor/BEE Empanelled Accredited Auditor", Copy of Income Tax and Professional Tax Certificate clearance of current validity should be submitted along with their bids.

Essential Qualifying Criteria for work :

- 1) Only accredited energy auditors enlisted under BEE, Ministry of Power, Govt. of India are eligible to participate in the tender. The bidders along with the bid must attach necessary document in support of their enlistment as accredited energy auditor with BEE , Ministry of Power Govt. of India without which their offer shall stands rejected.
- 2) Accredited energy auditor must have the experience of conducting similar type of work in Combined Cycle Thermal Power Plant and shall have the experience of last 3(three) years of energy auditing of 135 MW or higher capacity of Combined Cycle Thermal Power Plants. Copy of work order/ experience certificate from the concerned authority must be enclosed

- 3) Selection of Accredited energy auditor for this work will be made as per PAT M&V guideline.
- 4) Firms those involved in Energy Audit in NEEPCO, AGTCCPP, R.C.Nagar within the previous four years need not apply.
- 5) The Empanelled Accredited Energy Auditor (EmAEA) is required to submit the Name and detailed Bio-Data on Energy Audit a, verification experience of the team Head, Team member to the DC i. NEEPCO/AGTCCPP

6.) Team Details (Minimum Team Composition)

Sl. No.	Designation	Qualification	Experience
1.	Team Head	Accredited Energy Auditor	In the field of Energy Auditing in combined of PAT Cycle Power Plant of 135 MW or, above
2.	Team Member (empanel)	Graduate Engineer	Process Technical Expert related to the plant requirements where verification would take place having experience of more than 10 years
3.	Team Member	Certified E Auditor	In the field of Energy Auditing
4.	Team Member	Graduate /	In the field of Energy Auditing

GENERAL TERMS & CONDITIONS:

(All prospective Bidders are requested to go through these instructions carefully)

The rate quoted against this NIT should be submitted online. The general Terms and Conditions are:

1. SCOPE OF WORK :

- a). The auditor shall carry out M & V audit as per PAT M&V process given in the guidelines of Bureau of Energy Efficiency (BEE), EC act norms and relevant Gazette notifications at AGTCCPP, NEEPCO Ltd, Agartala.
- b). Standard auditing techniques shall be followed during the M & V process while verifying the information submitted to state Designate Agency (SDA) in Form 1 & Form A. Auditor will provide detail report along with executive summary on above work after completion of verification and Certification work. All work including submission of reports and mandatory forms shall be completed within such period as stipulated by BEE (Ministry of Power). Auditors shall submit all mandatory Reports/Forms to the SDA and BEE. The auditor shall ensure that the reports have been duly accepted by SDA & BEE.
- c). Auditor shall not disclose any plant information to any other entity and/or individual without prior permission of AGTCCPP- Agartala, except to the designated agencies and BEE. Auditor shall follow the rules and regulation framed under the Energy Conservation Act 2001 and BEE PAT Guidelines while carrying out the audit.
Auditors shall categorically state in their offer that all formalities including submission of relevant forms to under M&V process SDA & BEE will be completed within stipulated target date of 30th June 2019.
The offer should clearly state the tentative period that may be required to complete the M&V process.
The documentation procedure shall be as per BEE guidelines.
- d). The auditor shall make necessary correction to any baseline or assessment year data submitted by us to the SDA/BEE and shall ensure that these corrections are accepted by the SDA/BEE.

The auditor shall provide necessary assistance to formulate and optimize normalization with respect to AGTCCPP.

OTHER REQUIREMENTS:

1. The prospective bidders are advised to visit site and inspect the environment and acquaint themselves with actual work and other prevalent conditions, facilities available. No claim on this account whatsoever shall be entertained afterwards.

2. A certificate to the effect is to be submitted by the tenderer as no black listed from any Public Sector Undertakings / State Government / SEBs/ Corporations / Any other reputed thermal /Hydel Plants.

2. PAYMENT TERMS:

100% Payment after deducting 10% security deposit and statutory deduction of the bill shall be made after satisfactory completion of work actually done.

- a. No advance payment shall be made under the contract act.
- b. Payment shall be released after successful completion of M&V Audit and submission of all the FORMS duly signed by the AEA of Empaneled firm to BEE as per BEE guidelines.

3. **Basis of Price:** The bidder shall quote the price on FIRM basis and no escalation shall be entertained during the contact period. The price shall be exclusive GST.

4. PENALTY FOR DELAY/ LIQUIDATED DAMAGE:

If the firm does not engage empaneled AEA/CEA/Graduate Engineer and other staff as per the instruction of BEE guidelines or the quality of work is not upto the satisfaction of Engineer-In-Charge or there is delay in attending of jobs, penalty @1% of the contract value per day for part them of upto maximum of 10% of the total contract value will be imposed.

5. RISK & COST :

In case the firm fails to full fill the contractual obligation, the work shall be got done by some other agency at the risk and cost of the firm. It shall be without prejudice to the right of NEEPCO/AGTCCPP to recover any further amount or any liquidated and or other damages, to cancel the contract and forfeit EMD.

6. **Over run charges:** - No over run charges shall be paid in the event of the completion period being extended for any reasons.

7. **Insurance of workers:** - The contractor will be solely responsible for any liability for his workers in respect of any accident, injury arising out and in course of contractor's employment. To meet his aforesaid obligation under the workmen Compensation Act, The contractor will obtain cover note from the Insurance Company under W.C. Policy in respect of persons employed by him for carrying out his work and obligation under the agreement. The premium payable for the aforesaid Insurance Policy shall be borne by the contractor. The contractor shall ensure that the said Insurance Policy of this insurance cover is required to be submitted by the contractor to Engineer-In-Charge of work immediately after issue of LOI, but before the start of work. Payment against the work done will not be released to the contractor until and unless the contractor submits photocopy of Insurance cover.

8. **Safety Rules:** - Contractor shall have to comply with all the provisions of safety rules.

9. **Compensation:** This office reserves the right to claim adequate compensation from the contractor on account of any damage caused to the equipment handed over to him for execution of the work, due to careless handling or negligence on the part of the consultant.

10. **Subletting and Assignment:** - The contractor shall not, sublet, transfer or assign the contract or any part there of or interest therein or advantage thereof in any part thereof in any manner whatsoever without prior consent of the AGTCCPP, NEEPCO Ltd.

11. ACCOMMODATION:

Accommodation will be provided in Guest House subject to availability and shall be in NEEPCO's scope.

12. WARRANTY:

Firm will be responsible for the M&V of data till final completion of the 2nd PAT cycle as per guidelines of BEE. If presented data/form/supporting document, which has been monitored by the contractor, is found to be defective/not as per BEE directives, the same will have to be monitored again without any additional charges to NEEPCO/AGTCCPP. In such cases, warranty period shall start from the date of such monitoring / verification till the issuance of Escerts or completion of the 2nd PAT Cycle.

13. COMPLETION PERIOD:

The assignment is to be completed in the time limits as per the notification issued by BEE i.e. from 01-04-2019 to 30-06-2019 or as per timeline fixed by BEE for PAT - II . The quantity of work may be decreased to any extent depending upon the plant availability. The payment shall not be made for the work not done.

The bidders are requested to note that participation in the bid shall be taken as acceptance of the terms & conditions as stated above. Bidders are requested to visit the website (<https://etenders.gov.in>) for any future change/ modification/ corrigendum/addendum to this tender. The Corporation reserves the right to change/modify the requirements or to postpone/accept or reject the tender in full or part of this Notice or cancel without assigning any reason thereof and is not bound to accept the lowest offer.

For & on behalf of North Eastern Electric Power Corporation Ltd.



(SURANJAN SARKAR)
Sr. Manager(E/M), C&P
NEEPCO Ltd. AGTCCPP