



ISO 9001-14001-45001  
Miniratna Category-I

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड  
*North Eastern Electric Power Corporation Limited*  
 (भारत सरकार का उद्यम) / ( Government of India Enterprise )  
 135 मे.वा. अगरतला गैस टरबाइन कंबाइन 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



**SECTION : I**

**NOTICE INVITING TENDER( E-TENDER )**

**e-NIT No. 19/NEEPCO/AGTCCPP/C&P/2019-20 Dated 20.07.2019**

Online Sealed bids (Single Stage Two-Envelope) with 180 (One Hundred Eighty) days validity are invited from Manufacturers for the "Supply, Design, Engineering, Installation, Testing and Commissioning of Dry Radiator Cooler for Frame V Gas Turbine having Mark Vie Controls of NEEPCO, AGTCCPP, Ramchandra Nagar , Agartala, Tripura (W) ". 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>

SCHEDULE		
1.	Name of Work :	Supply of Dry Radiator Cooler for Frame V Gas Turbine
2.	Estimated Value:	₹ 68,10,000/- (Rupees Sixty Eight Lakh Ten Thousand) Only
3.	Earnest Money :	₹ 1,36,000/- (Rupees One Lakh Thirty Six Thousand ) Only
4.	Tender Fees :	₹ 2000/- (Rupees Two Thousand) only
5.	Last Date & time for Bid submission:	20-08-2019 upto 13:00 Hrs.
6.	Date & time of opening of Bid:	22-08-2019 at 15:00 Hrs.
7.	Validity of Tender:	180 Days

**BIDDING PROGRAMME**

**Participations & Submission of Tenders:**

**1. Registration for Participation in Bids:**

- Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://etenders.gov.in/eprocure/app>) by clicking on the link "Online bidder Enrollment" on the CPP Portal which is free of charge.
- As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 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.
- 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.
- 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.
- 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.
- 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:**

- 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 Dy. General Manager(E/M),C&P wing, NEEPCO Ltd, AGTCCPP, R.C.Nagar, Agartala, Tripura(W),Pin-799008.
- 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.
- The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 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/e procure w.e.f 18:00 Hrs. of 20/07/2019>.
- 3.2 Last date & time for submission of bids online: 13:00 Hrs. of 20/08/2019.
- 3.3 Date & time for opening of bids online: 15:00 Hrs. of 22/08/2019.
- 3.4 Bid validity: 180 (One Hundred Eighty) days from the date of opening of bids.

In case 22/08/2019 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/e procure>, NEEPCO website <http://www.neepco.co.in> and CPP portal <https://etenders.gov.in> regularly for any modification/ clarification of bid document.

- 4 **Earnest Money:** An amount of ₹ 1,36,000/- (Rupees One Lakh Thirty Six Thousand ) 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 ₹ 2000/- (Rupees Two Thousand) 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 for Correspondence** : Dy.General 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. Tenderers' authorized representative shall be permitted to attend the tender opening only on submission of authorization letter. Purchaser will examine the Tender document to determine whether they fulfilled the qualifying requirement, whether they are complete and meet the requirements of this Tender specification. 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.
2. The bidder must have the experience of having successfully completed similar nature or allied works during last 7 (Seven) years in any Govt. of India organization/State Govt. organization /PSU/ reputed private organization. Documentary evidence to that effect shall be submitted.
  - (a) Three similar completed works costing not less than the amount equal to 40% of the estimated cost.
  - OR
  - (b) Two similar completed works costing not less than the amount equal to 50% of the estimated cost.
  - OR
  - (c) One similar completed work costing not less than the amount equal to 80% of the estimated cost.
3. Copy of Bidder's PAN Card, Proprietor's Name, Legal Business Address, GST Registration, Dealership Certificate/ Manufacturer's License, Copy of Income Tax and Professional Tax Certificate clearance of current validity shall form an integral part of uploaded documents.
4. The quoted price must be authenticated with relevant supporting documents and uploaded online.
5. Reverse tendering would be done for finalization of the tender.

### GENERAL TERMS AND CONDITION

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

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

1. **SCOPE OF TENDER\_** : The scope of this tender includes Supply, Design, Engineering, Installation, Testing, Commissioning and transportation of Dry Radiator Cooler for Frame V Gas Turbine having Mark Vie Controls to NEEPCO, AGTCCP, Ramchandra Nagar, Agartala, Tripura (W).
2. **Technical Specification** :\_As in Section - II
3. **Nature of inputs for implementation to be executed under the scope of the Tender** :
  - i. Intending bidder to visit site and understand the site requirement prior to design of the Radiator which shall have to be accommodated in the existing structures only as space constraints exists.
  - ii. The surrounding Ambient Temperature in Peak summer season is 41<sup>0</sup>C and the Radiators are entrapped between boilers.
  - iii. For completing the job in its totality the supply, site erection and commissioning shall be an integral part of the supply.
  - iv. For arriving at the design capacity of the cooling unit all necessary engineering details as required for calculations shall be in the scope of the bidder.
  - v. Drawing details of the complete system showing layout are to be submitted with the offer.
  - vi. All the motors to be used must be energy efficient, the details of which are reflected in the Technical Specification as in Section - II.
  - vii. Existing power module of Fan motor is rated at 15 kW. Any interfacing if required with the existing Mark Vie Control system (GE Make) will be under the scope of the bidder.
  - viii. Recommended spares for 2(two) years to be submitted separately alongwith the offer.
  - ix. All the motors with protective features should have provision for changing fan blade angle and motor speed in order to achieve optimum performance during peak summer with ambient temperature of 41<sup>0</sup>C and above. The necessary control/power cable other than existing will be under the scope of bidder.
  - x. All cable works shall be in the scope of the bidder alongwith its supply.

**Note :** Any deviations from the Technical Specification must be uploaded separately substantiated with documentary evidences and proper reasoning for acceptance.

4. **TIME OF COMPLETION:**

- i) The supply shall have to be completed within 120 (Hundred Twenty) days from the date of issue of the order.
- ii) Commissioning - Within 30 days on intimation by NEEPCO.

5. **SUBMISSION OF BID:** Bidders shall prepare and submit their bids in the electronic form in <https://etenders.gov.in>. On line bidding forms will be available in the website. Submission of online bids is mandatory for consideration of bids by NEEPCO. However, the document submitted by the bidder must be signed and sealed at each page by the bidder with signature before scanning and uploading.

6. **BASIS OF PRICE:** The bidder shall quote the price on FIRM basis and no escalation shall be entertained during the contact period. The bidder shall quote his price in the PRICE SCHEDULE appended herewith. The same may also be viewed in the **Price Bid Form** of the tender in the online portal of <https://etenders.gov.in>

7. **TAXES:** The rate quoted by the bidders should be inclusive of GST.

8. **FREIGHT & INSURANCE:** The bidder quoted price should be inclusive of Freight & insurance showing transportation & insurance charges separately. The consignments shall be duly insured against possible damage/loss during Transportation. Any loss/damage during transit shall be intimated to the suppliers within a reasonable time from the date of receipt of the consignment by the consignee. The supplier shall take immediate action for replacement/rectification of the loss/damage. The suppliers shall have sole liability/responsibility for settlement of claim with the insurer towards transit loss/damage if any. Replacement/rectification of the loss/damage during the transit shall be made immediately without waiting for settlement of the claims. Necessary storage insurance coverage after receipt of material at AGTCCPP site till commissioning will be under the scope of the contractor/supplier.

9. **PAYMENT TERMS :- (A) Supply Part :90% payment on supply part shall be paid after receipt of materials at site in full and good condition against submission of following documents:**

- a) Invoice in triplicate.
- b) Delivery Challan
- c) Test certificate.
- d) Warranty certificate of Manufacturer as per warranty clause.
- e) Bank details for E payment.

**Balance 10% payment of supply shall be payable only after expiry of the Warranty/ Guaranty period.**

**(B) Installation and Commissioning Part:**

**100% payment shall be payable only after successful installation & commissioning on submission of the invoice(s).**

**Part-payment shall not be allowed at any condition if materials are not supplied fully.**

*Alternatively,* Hundred (100%) payment along with Hundred percent (100%) taxes and duties shall be paid on submission of Security cum Performance BG for an amount equivalent to Ten (10%) of the billed amount with a validity of 18 (Eighteen) months. The BG shall be issued from any Nationalised / Scheduled Bank of India and to be submitted within 01 (one) month from the date of receipt of materials at site. For effecting E- payment bidders to submit their Bank details for NEFT/RTGS.

10. **SUPERVISION OF ERECTION & COMMISSIONING :** Bidder's Scope

11. **PRE DISPATCH INSPECTION AND TESTING:** Testing of the materials as per relevant standard shall be carried at contractor's works. The tests shall be performed in presence of the Corporation's representative. For deputation of an authorized representative for inspection and to witness such tests advance intimation prior to the tests shall be given to the Corporation. The test certificates are to be forwarded for approval of the purchaser. However witness of tests or approval of tests reports shall not absolve the supplier from its responsibility towards satisfactory fulfillment of contractual obligation.

12. **SUBMISSION OF DRAWING:** The bidder shall have to submit detail drawing of the equipment to be supplied in triplicate within 30 days of receipt of the order for necessary approval of the purchaser. However the supplier shall have to depute their representative for discussion and finalization of the drawing at site to enable approval of the drawing within one month of placement of the order.

13. **DESPATCH CLEARANCE:** No materials shall be dispatched without despatch clearance issued by the purchaser in writing to the supplier.

14. **STATUTORY DEDUCTION:** These will be made at source as per the rules prevalent in the area of work. If the bidder is eligible for any kind of exemption/concession from state Govt. /Central Govt. they shall have to furnish documentary evidence to consider the same.

15. **CLAUSE WISE COMPLIANCE:** Clause wise compliance statement of the Technical Specifications and Commercial Terms & Conditions shall be enclosed with the offer along with technical literature of the material and other

document. Deviations if any from the tender requirements must be stated in a separate sheet with relevant clause for consideration of NEEPCO Ltd. Deviation mentioned in the general tender document without highlighting the same in **Deviation statement** shall not be accepted.

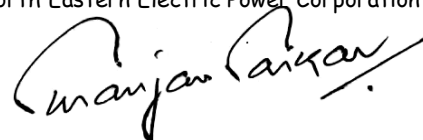
16. **SETTLEMENT OF DISPUTES AND ARBITRATION:** In case of any dispute concerning this Tender/Order, both the contractor and NEEPCO shall try to settle the same amicably through mutual discussion/negotiation. Any unsettled dispute shall be settled in terms of Indian Act of Arbitration and Conciliation. Place of arbitration shall be within North-East. Arbitrator shall be appointed by Chairman & Managing Director, NEEPCO Limited and for that this contract shall be interpreted in accordance with the laws of India.
17. **WARRANTY:** All the materials shall be warranted from any manufacturing defect & substandard for a period of 12(twelve) months from the date of commissioning of the materials at site. If any material is found defective or substandard during the warranty period the same shall be replaced immediately after notice.
18. **LIQUIDITY DAMAGE:** In case of delay in execution of the work,  $\frac{1}{2}$  % (Half percent) of the value of the work shall be recovered from the bill per week of delay subject to maximum of 10% (Ten percent) of the value of the work.
19. **FORCE MAJEURE CONDITION:** The above clause of liquidated damage shall not be applicable in case of force majeure condition such as Flood, war, civil unrest, natural calamities or acts of God on which the bidder does not have any control.
20. The Corporation reserves the right to change/modify the requirements and/or to postpone/accept or reject this NIQ in full or in part without assigning any reason thereof and is not bound to accept the lowest offer.
21. Incomplete & conditional tenders shall be rejected summarily without assigning any reasons thereof.
22. Bidders are requested to visit NEEPCO's online portal <https://etenders.gov.in> regularly for any modification/clarification of the bid document.
23. **WITHHOLDING PAYMENT:** The purchaser may withhold the whole or part of any payment of the contractor, which in the opinion of the purchaser is necessary to protect himself from loss or account of.
  - i) Defective work not remedied or guarantees not met;
  - ii) Damage or loss of property or equipment of the Purchaser.
  - iii) Non-return of material/equipment supplied by the Purchaser when the same is due.
  - iv) If legal case is instituted against the bidders by the purchaser or the contractor.
24. **COURT OF COMPETENT JURISDICTION:** Any legal action taken or proceeding initiated or any of the terms of the agreement shall be only in the jurisdiction of local court of this Power Station area in Agartala, Tripura .
25. NEEPCO is not bound to accept the lowest tender and reserves the right to waive any formality in regards to submission of tenders or to reject any or all tenders without assigning reasons thereof.
26. The contract must not be sub-let without the permission of the Corporation.
27. The bidders shall submit all the information and documents as sought for in relevant clauses of the tender documents, both in Technical Specification & Commercial conditions. Tenders without the requisite information and documents shall be considered as incomplete and are liable for rejection.
28. NEEPCO reserves the right to verify bidders' capability and capacity both in terms of technically and commercially to perform the contract as well as to verify the authentication of any or all documents produced/submitted by bidders.
29. NEEPCO may allow purchase and other preferences to Govt./PSU/SSI/NSIC units as per Govt. policy and guidelines.
30. **WORK AND SAFETY REGULATION**
  - (a) The Contractor shall ensure proper safety of all the workmen, materials, plant and equipment belonging to him or to employer or to others, working at the Site. The contractor shall also be responsible for provision of all safety notices and safety equipment required both by the relevant legislations and the Engineer as he may deem necessary.
  - (b) The Contractor shall provide suitable safety equipment of prescribed standard to all employees and workmen according to the need, as may be directed by Engineer who will also have right to examine these safety equipment to determine their suitability, reliability, acceptability and adaptability. In the event the contractor supplies such PPEs, the contractor may claim the cost towards such expenditure and the Corporation will reimburse the same once in a year. Alternatively, all such PPEs may be provided by the Corporation.
  - (c) In case of any accident during the services under this contract or other associated activities undertaken by the Contractor thereby causing any minor or major or fatal injury to his employees due to any reason whatsoever, it shall be the responsibility of the Contractor. The contractor is to promptly inform the same to the Engineer in prescribed form as required under Factory Act.
  - (d) The Contractor shall follow and comply with all Employer Safety Rules, relevant provisions of applicable laws pertaining to the safety of workmen, employees plant and equipment as may be prescribed from

time to time without any demur, protest or contest or reservation. In case of any inconformity between statutory requirement and Employer Safety rules referred above, the later shall be binding on the Contractor unless the statutory provisions are more stringent.

31. **SPECIAL INSTRUCTION** :The contractor should comply with the provisions of contract labour ( Regulation & abolition) act 1970 and Contract Labour ( Regulation & abolition ) act 1971 and minimum wages act & rules of Central and State Government.

The bidders are requested to note that participation in the bid shall be taken as acceptance of the terms & conditions as stated above. In case any condition(s) is/are not acceptable to the bidder, the same should be mentioned in the offer/quotation in clear terms in the deviation sheet. 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)

Dy.General Manager(E/M), C&P  
AGTCCPP, NEEPCO Ltd., R.C.Nagar

#### PRICE SCHEDULE

Schedule of Price for the tender:

Sl. No.	Item Description	Quantity	Rate in INR including GST (₹)	Amount (₹)
1.	Supply, Design, Engineering, of Dry Radiator Cooler for Frame V Gas Turbine having Mark Vie Controls of NEEPCO, AGTCCPP, Ramchandra Nagar , Agartala, Tripura (W) as per Technical Specification , Which includes provision for changing of Fan Blade Angle & Motor Speed	1 Set		
2	Installation, Testing and Commissioning Charge	1 Set		
3.	Freight & Insurance	1 Set		

**Note :**

1. The above price is inclusive of GST, cost of labour engaged, any other charges...etc.