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Miniratna Category-I

नॉर्थ ईस्टर्न इलेक्ट्रिक पावर कॉर्पोरेशन लिमिटेड  
North Eastern Electric Power Corporation Limited  
(भारत सरकार का उद्यम) / (A Government of India Enterprise)  
135 मे.वा. अगरतला गैस टरबाइन कंबाईड 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. 01/NEEPCO/AGTCCPP/C&P/2020-21 Dated 06.04.2020**

The NORTH EASTERN ELECTRIC POWER LIMITED, AGTCCPP intends to invite Online Sealed bids (Single-Stage Two-Envelope) with 180 (One Hundred Eighty) days validity are invited from Manufacturer/ Authorized Dealers for **supply of Self-cleaning Air inlet filter element** for 135 MW Agartala Gas Turbine Combine Cycle Power Plant, NEEPCO Ltd. Agartala Tripura(West). 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>

Sl. No.	DESCRIPTION OF ITEM	QUANTITY
01	Self-cleaning Inlet Air Filter Elements suitable for GT Combustion Air Intake a) Filter element type: HE524702(Cylindrical) b) Media Filter: 18 Sq.m/element. c) Nominal Size: 324 mm OD x 211mm ID x 700 mm Long. d) Approx. Weight: 7.2 Kg e) EGT Specification No:592 390 020- Drg. No. 53392	504 Nos.
02	Self-cleaning Inlet Air Filter Elements suitable for GT Combustion Air Intake a) Filter element type: <b>524712</b> (Cylindrical) b) Media Filter: 37 sq.m. Per element c) Nominal Size: 405 mm OD x 214 mm ID x 700 mm Long. d) Approx. Weight: 12.7 Kg e) EGT Specification No: 592 390 020- Drg. No. 53392	504 Nos

**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.

- 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 06/04/2020.
- 3.2 Last date & time for submission of bids online: 13:00 Hrs. of 06/05/2020.
- 3.3 Date & time for opening of bids online: 15:00 Hrs. of 08/05/2020.
- 3.4 Bid validity: 120 (One Hundred Twenty) days from the date of opening of bids.

In case 08/05/2020 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 <https://etenders.gov.in> regularly for any modification/ clarification of bid document.

- 4 **Earnest Money:** An amount of ₹ 74,155/- (Rupees Seventy Four Thousand One Hundred Fifty Five ) 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 ₹ 1000/- (Rupees One 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.
- 7 **Reverse-Auction:** The shall be settled through reverse-auction.

### 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.  
(Similar work/supply means supply of Self-cleaning Air filter)
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. 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.
5. Documentary evidence like copy of incorporation of company, copy of purchase order having full detail of the item and price etc, certificate of completion and performance, copy of Authorization Certificate should be submitted.
6. The bidder should have their own full-fledged testing facilities in India or should give an undertaking for shop testing of the filter cartridges in India as per NEEPCO requirement.
7. Valid enlistment document of the product from BHEL/GE desirable.
8. The Tenderer shall furnish an undertaking (self certification) that the Tenderer has not been blacklisted / debarred by any Central / State Government institution including electricity boards. The Tenderer should also confirm that there is no pending litigation on account of executing similar orders.

### TECHNICAL SPECIFICATION

SL.No.	DESCRIPTION	FILTER ELEMENT TYPE HE 524702	FILTER ELEMENT TYPE HE 524712
01.	Type	Self cleaning	Self cleaning
02.	Shape	Cylindrical	Cylindrical
03.	Media area (Surface area)	18 sq.m. Per element	37 sq.m. Per element
04.	Normal size	324mm O/DiaX211mmI/DiaX700 mm long	405 mm O/Dia X 214mm I/Dia X 700 mm long
05.	Weight	7.2 Kg	12.7 Kg
06.	Media	Pleated cartridge should be a blend of specially formulated chemically treated cellulose and synthetic/ resin fibers to provide excellent dust dislodgment even in higher humidity condition.	Pleated cartridge should be a blend of specially formulated chemically treated cellulose and synthetic/ resin fibers to provide excellent dust dislodgment even in higher humidity condition.

		Should be of imported origin and having special water replenishing characteristic. Should be with uniformed pleat spacing by dimple pleat design. Trouble free air filtration Very low face velocity of the air flow. Superior mechanical; resistance against high pressure against high pressure reverse air pulse. Sealing into end place with thermosetting plastic.	Should be of imported origin and having special water replenishing characteristic. Should be with uniformed pleat spacing by dimple pleat design. Trouble free air filtration Very low face velocity of the air flow. Superior mechanical; resistance against high pressure against high pressure reverse air pulse. Sealing into end place with thermosetting plastic.
07.	Filter Efficiency	We would prefer 99.9% for particles 1.4 - 1.6 micron	We would prefer 99.9% for particles 1.4 - 1.6 micron
08.	Pressure drop across new air filter element	Initial - 18 mm w.c.	Initial - 18 mm w.c.
09.	Design air flow for complete air filter house	354400 m3/hr.	354400 m3/hr.
10.	Material to be used in filter element	The Air Filter Elements should be made with top opening and bottom closed pressed metal covers.	The Air Filter Elements should be made with top opening and bottom closed pressed metal covers.
		The inside and outside tube shall be of metal screens (perforated guards	The inside and outside tube shall be of metal screens (perforated guards
		All metal part should be galvanized	All metal part should be galvanized
11.	Gasket	Moulded sealed/closed cell neoprene gasket	Moulded sealed/closed cell neoprene gasket

**GENERAL TERMS & CONDITIONS:**

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

The quotation against this NIT should be submitted On-Line. The general Terms and Conditions are:

- Scope of work:** Supply of retrofit Type inlet air filter elements, Packing & forwarding, arrangement of transportation, transit insurance and delivery of the materials up to AGTCCPP, NEEPCO Ltd, R.C.Nagar, Agartala Tripura(W)-799008.
- Delivery & delivery point:** All the materials shall have to be delivered within 60 (Sixty) days for the quantity to be supplied at the address of the consignee from the date of receipt of formal order/LOI and intimation of the undersigned/Consignee. The consignment may be restricted to one full truckload the consignment Intending bidders must make sure that they can adhere to the schedule or else the order shall be cancelled with assigning any reason.
- Estimated Cost:** ₹ 25,42,176.00 (Rupees Twenty Five Lakh Forty Two Thousand One Hundred Seventy Six) only excluding transportation and transit insurance and excluding all taxes.
- Liquidity Damage:** If the Supplier fails to supply the materials within the stipulated time a Liquidity Damage shall be applicable @  $\frac{1}{2}$ % (Half percent) of the total value of the undelivered items per week subject to a ceiling of 10% of the ordered value.
- Techno-Commercial Bid** shall consist of detailed technical specifications and all other documents except the price bid (to be submitted electronically).  
Price Bid: Price bids of those parties whose technical bids are acceptable will be opened electronically.  
Price bid to be submitted electronically only.
- Payment:** 90% (Ninety percent) payment for supply along with taxes & duties, freight and insurance shall be paid on receipt of materials in full and good conditions at site and balance e 10% on expiry of warranty period.  
Or, Alternatively 100% payment shall be released on submission of B.G.equivalent to 10% of billed amount issued by the any Nationalized Bank and shall remain valid upto 90 (ninety)days after expiry of warranty period. A format in this regard is enclosed.
- Inspection and Testing:** The filter elements shall be subject to all types of tests at manufacturer's works in accordance with the requirements stipulated by relevant IS. Test reports if conducted on similar materials shall be furnished along with the tender. The purchaser reserves the right to depute his representative to witness all tests at manufacturer's works. The supplier shall provide prior intimation to enable the purchaser to depute his representative. Neither the waiver of inspection nor acceptance after inspection by the purchaser shall in any way relieve the supplier responsibility towards satisfactory performance of the filter elements. All the test reports shall be submitted and get approved by the purchaser prior to despatch.

8. **Dimensional Fitment:** The successful bidder shall have to supply sample filter element in order to verify fitment in the existing filter house in terms of dimension. For the said purpose the bidders are free to visit site and carry a sample for manufacturing purpose and meet the dimensional issues as the same **MUST** be retrofittable in the existing system.
9. **Transportation & Transit Insurance:** The contractor shall arrange and take full responsibility during transit of materials and comply with all necessary transit insurance, safety, payments etc. NEEPCO shall arrange required on line Road permit.
10. **Warranty/Guarantee:** The material should be guaranteed for any manufacturing defect and satisfactory performance for 18 (eighteen) months from the date of receipt of materials at site or 12 (twelve) months from the date of installation, whichever is early.
11. **Quantity:** The projected quantity is 504 Nos. of big and 504 Nos. of small filter. **The quantity may be increased or decreased and shall have to be dispatched as per site requirement. Bidders are to agree to this stipulation.**
12. **Deviation:** Any deviation from the tender specification and terms & conditions as stipulated in the Tender must be reflected in the deviation sheet.
13. **Special condition:** Bidders must visit the plant and make sure of the dimensional feature and restrictions for the filters to be supplied. In case the same are not retrofit type the supply order would not be accepted.
14. **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..
15. **Exemption:** If the bidder is eligible for any kind of exemption/concession from state Govt. /Central Govt. the bidder shall furnish documentary evidence to consider the same
16. **Arbitration:** Except where otherwise provided, if at time, any question of a dispute or difference of opinion whatever shall arise between the Contractor and the Corporation upon or in relation there to or in connection with this Contract, either of the parties may give to the other notice in writing, of the existence of such questions, disputes or differences and if the matter is not settled amicably by and between the parties and on rejection, such matter of dispute or difference of opinion shall be referred to the Arbitration strictly in accordance with the provision contained in the **Arbitration and Conciliation Act 1996 (Act. No. 26 of 1996)**, and any amendment thereto and any rules made there under and to such other order or orders, instruction issued by the Government of India time to time in this connection. The venue of Arbitration for shall be Agartala, India.

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.