



ISO 9001-14001
OHSAS 18001

नॉर्थ ईस्टर्न इलेक्ट्रिक पॉवर कॉर्पोरेशन लिमिटेड
North Eastern Electric Power Corporation Limited
(भारत सरकार का उद्यम) / (व इतरतः. र्ग. इन्वीक डर्गोडनगर्गुड)
135 मे. वा. अगर्तला गैस टर्बाइन केबाइड 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



EXPRESSION OF INTEREST

e-NIT No.02 /NEEPCO/AGTCCPP/C&P/2020-21 Dated 07.04.2020

Online Sealed bids (Single Stage Single Envelope) with 120 (One Hundred Twenty) days validity are invited from eligible bidders for "Vacuum packing of ALSTOM make Generator Stator Bar" for 135 MW Agartala Gas Turbine Combine Cycle Plant, Ramchandranagar, Tripura(W), Pin 799008". Detailed Tender Documents (Section I, II, III) containing Terms and Conditions for Bidding including Qualifying Requirement can be down loaded from NEEPCO's online portal <https://etenders.gov.in>

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 Dy.General 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 displayed on the bidders' dashboard is 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 submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. Unauthorized persons cannot decrypt the data entered till 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 07/04/2020.
- 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 ₹ 74,000 /- (Rupees Seventy Four 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.
- 5 **Release of EMD:** a) The EMD of those Bidders who do not qualify in Techno-Commercial evaluation, shall be returned immediately after approval of Techno-Commercially evaluation. b) The EMD of the Bidders other than L-1 Bidder, will be returned immediately after issue of Letter of Intent (LOI) to the successful Bidder.
- 6 **Forfeiture of EMD/Bid Security:** The Bid Security/EMD may be forfeited; a) if the bidder withdraws his bid after the bid opening during the period of bid validity and extension thereof. b) if the Bidder engages in corrupt, fraudulent, collusive, coercive practices during bidding process; or c) if the bidder does not accept the correction of the bid price d) in the case of successful bidder, if the bidder fails within the specified time limit to sign the Contract Agreement; or furnish the required Initial Security Deposit.
- 7 **Tender fees/Bid Document Fee:** NIL

Detail address of the tenderer: Dy .General Manager(E/M),C&P
AGTCCPP,NEEPCO Ltd,
R.C.Nagar,Agartala,Tripura(W),
Pin-799008, Ph:0381-2391292

- 8 **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. **Detail bid alongwith Price bid shall be issued to the Techno-Commercially qualified bidders. Date for price bid opening shall be notified later through system-generated email.**

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, each of value not less than 40% of the estimated cost.
OR
 - b) Two similar completed works, each of value not less than 50% of the estimated cost.
OR
 - c) One similar completed work of value not less than 80% of the estimated cost.

(Similar works means vacuum packing of stator bar).

Against proof of having met either of the above criteria, the bidder shall submit Work Order and Performance Certificate from clients for qualifying in the bidding.

3. Copy of Bidder's PAN Card, Proprietor's Name, registration of Company, Legal Business Address, GST Registration, Labour License, Copy of Income Tax and Professional Tax Certificate clearance of current validity should be submitted along with their bids.
4. **Minimum Average Annual Turnover(MAAT):** Minimum Average Annual Turnover of the bidder, in the best three Financial Year out of the last 5(Five) Financial year, ending 31st March of the previous financial year should not be less than ₹ 11.10 lakh.
5. **Liquid asset requirement:** The bidder should have liquid assets or / and evidence to availability of unutilised credit facilities of not less than the value as calculated below: Liquid Asset = (Estimated Cost x 2.5)/ Completion period in months. The Certificate of Banker regarding the availability of unutilized credit facilities (Fund based and non-fund based) shall not be dated earlier than 30 (thirty) days prior to the latest date for submission of bids. Liquid Asset = Current Asset - (Inventory + Pre-paid expenses).
6. Offline bids shall not be considered.
7. The contracting company shall not be allowed to transfer, assign, pledge or sub-contract its rights and liabilities under this contract to any other agencies.
8. MSME, NSIC and startup registered bidders under Govt. of India are exempted from depositing Cost of Tender Document and Earnest Money. Copy of valid exemption certificate has to be submitted along with bid.
9. Self-declaration of the bidder that the Bidding Firm has not been debarred / de-listed by any Govt / Quasi Govt. / Public Sector undertaking in India (to be mentioned in the letter head of the Firm).
10. **At Stage 1 of Expression of Interest (EOI), techno-Commercial evaluation of participated bidders shall be done. After that, at Stage-2, Detail bid document alongwith Price bid will be provided to the Techno-Commercially qualified bidders of stage 1 through limited tender for their bidding.**
11. **The tender shall be finalized through "Reverse Auction" i.e through the tender followed by e-Reverse Auction(e-RA) at stage-2. After opening the financial bids, Reverse Auction shall be conducted amongst the techno-commercially qualified bidders. The date and time of e-RA shall be conveyed to the techno-commercially qualified bidders via system-generated email.**
12. **Return of EMD:** EMD shall be returned to bidders through NEFT/RTGS. So bidders shall submit bank details along with bid.
13. **Reverse-Auction:** The tender shall be settled through reverse auction at Stage 2.

: GENERAL TERMS & CONDITIONS:**(All prospective Bidders are requested to go through these instructions carefully)**EOI should be submitted **On-Line**. The general Terms and Conditions are:**1. Scope of Work:**

The scope of work would include Vacuum packing along with refurbishment/repair if any, which would include but not limited to the following:

- i) The service provider shall supply all the materials required for complete packing and storage, arrange specialized skilled manpower to complete the job.
- ii) The 113 (Out of this 105 numbers are old/used bars and 8 numbers are new spare bars) number of ALSTOM make Generator bars which is to be inspected and tested for all mechanical and electrical parameters/properties followed by cleaning, drying, insulating with tapes(if required), varnishing and vacuum packing.
- iii) Shifting of the packed stator bars to the storage area, boxing-up of the vacuum-packed stator bars in wooden boxes and place those securely in a pre-designated place. Bars would packed for preservation for minimum 2(two) years from the date of packing for reuse and to meet the exigency in the event of any failure of any unit.
- iv) **The essence OF THE CONTRACT would be a PROTOCOL that shall contain the sequence of activities including electrical /mechanical test and shall be an integral part of the technical evaluation and selection criterion of the bidder.**
- v) The bidder would inspect, pack, arrange transportation to the factory and back to the originating station after its repacking.
- vi) The bidders are to visit the plant to visit site prior to submission of the bids for assessment.
- vii) No additional engineering is required as the existing bars are retrofittable and any dimensional mismatch **would call for rejection and non-acceptance**.
- viii) The Contractor has to submit a bank guarantee of ₹ 50 (Fifty) lakhs prior to lifting of stator bars, which would be released after receipt of vacuum-packed bars at store, AGTCCPP and proper inspection at site.

2. Technical Specifications:

- i) **Preamble:** Complete rewinding of the stator consisting of copper bar segments was carried out on the gas turbine generator Unit-4 of 135MW Agartala Gas Turbine combined cycle power plant, AGTCCPP, Ramchandranagar, Agartala, Tripura(West), Tripura in the month of April, 2019 through the OEM, M/s GE Power. During the process, the old stator bars were salvaged for reuse in future. These stator bars need to be varnished, vacuum packed, boxed up and stored(For future reuse) to preserve their electrical and mechanical properties.

ii) **Description of Generator:**

- | | | |
|-------------------------|---|------------------------------|
| a) Generator Make | : | GEC Alstom (Made in Germany) |
| b) Type | : | T600 |
| c) Year of manufacture: | | 1995 |
| d) Rated Output | : | 28.962 MVA |
| e) Rated Voltage | : | 11000 V |
| f) Rated Current | : | 1520 A |
| g) Power factor | : | 0.8 |
| h) Rotor speed | : | 3000 rpm |
| i) Frequency | : | 50 Hz |
| j) Class of insulation | : | F |
| k) Duty | : | S1(Continuous) |
| l) Excitation | : | 193 V, 372 A |
| m) Standard | : | IEC 34 |
| n) Protection | : | IP 54 |

- iii) **Description of stator winding:** The stator bars are made up of elementary conductors carefully transported and insulated (ROEBEL type). The assembly is entirely insulated prior to its installation into the slots in the magnetic circuit segments. The insulation thicknesses are commensurate with voltage and are manufactured in such a way that the insulation lapping cannot get loosened from the internal core of conductors. The bars are braced into the slots by means of trapezoidal stratified epoxy glass closing wedges. The winding end turns are secured on rings made of stratified insulating materials and mounted on each clamping plate by means of supports. The end windings are fastened to each other by means of felt string and taping and are attached to the rings with tapes. The main

connections of the winding phases and those of the neutrals are insulated and come out of the frame top at the exciter end.

3. Warranty Period/Defect Liability period:

The Vacuum packing shall be under warranty period of 2 (Two) year from the date of vacuum packing of the bars. In case, any defect is noticed during the Defect Liability Period, the contractor will have to rectify/correct the same at his cost and risk; else NEEPCO will get the work done at the cost and risk of the Contractor.

4. Submission of Bid:

Bidders shall prepare and submit their **Techno-Commercial bid** in the electronic form in <https://etenders.gov.in> on line bidding forms will be available in the website. Submission of on line bids is mandatory for consideration of bids by NEEPCO.

5. Completion time: The work shall have to be completed within **90 (ninety) days** from the date of issue of Letter of Intent. The above period is inclusive of mobilization time of the stator bars.

6. Liquidity damage: If the materials are not supplied 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.

7. Contract Agreement and Contract Performance Guarantee:

- i) Within 30 (Thirty) days from the date of issue of Letter of Intent, the contractor will furnish a Bank Guarantee / Demand Draft from any Scheduled Bank in India payable in favour of NEEPCO for an amount of **10% of the Contract value**. This contract performance guarantee shall be released after expiry of the warranty period of 2(two) years.
- ii) Within 15 (fifteen) days from the date of issue of Letter of Intent, the contractor will sign the agreement with NEEPCO in appropriate format in non-judicial stamp paper.

8. Spares, Tools & Tackles, Consumables.

All Spares, Tools & Tackles, Consumables as may be required by the contractor's personnel shall be under scope of the contractor.

9. Payment terms:

90% payment of the work shall be paid within 30 days 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 of 24 months.

Or

Hundred (100%) payment along with Hundred percent (100%) taxes and duties shall be paid after completion of the work in all respect and on submission of Security cum Performance BG for an amount equivalent to Ten (10%) of the billed amount with a validity of 27 (Twenty Seven) months. The BG shall be issued from any Nationalized / Scheduled Bank of India and to be submitted within 01 (one) month from the date of issue of LOI.

10. Work and Safety Regulations:

- (a) The Contractor shall ensure proper safety of all the workmen, materials, plant and equipments 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 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.

11. Transportation and Transit Insurance:

Transportation and transit insurances of Stator bars are in Contractor's scope.

12. Effect and Jurisdiction of Contract

The contract shall be considered as having come into force from the date of issue of the Letter of Intent. The laws applicable to this contract shall be laws in force in India. The High Court of Tripura, Agartala, shall have exclusive jurisdiction in all matters arising under this contract.

13. Settlement of Dispute

- (a) Except as otherwise specifically provided in the Contract, all disputes concerning questions of fact arising under the Contract shall be decided by the Engineer-in-Charge, subject to a written appeal by the Contractor to the Engineer-in-Charge, whose decision shall be final to the parties hereto.
- (b) Any dispute or differences, including those considered as such by any of the parties arising out of or in connection with the Contract shall be to the extent possible, settled amicably between the parties. If the dispute could not be amicably settled between Engineer and the Contractor, then the same should be referred to NEEPCO prior to proceedings for Arbitration.
- (c) If any dispute or difference of any kind, whatsoever, shall arise between the Purchaser and the Contractor, arising out of the Contract for the performance of the works, whether during the progress of the works or after its completion or whether before or after the termination, abandonment or breach of the contract, it shall, in the first place, be referred to and settled by the Purchaser or his authorized representative, who within a period of 30 (thirty) days after being requested by the Contractor to do so give written notice of his decision to the Contractor.
- (d) Save as hereinafter provided, such decision in respect of every matter so referred shall be final and binding upon the parties until the completion of the works and shall forthwith be effect to by the Contractor who shall proceed with the works with all due diligence, whether he or the purchaser requires Arbitration, as hereinafter provided or not.
- (e) If amicable settlement cannot be reached then all dispute issues shall be settled by Arbitration as provided for in the Contract.

14. Arbitration

- (a) Except as otherwise provided, if at any time any question, dispute or difference whatsoever shall arise between the Contractor and the Purchaser upon or in relation to or in connection with the Contract, either of the parties may give to the other notice in writing of the existence of such questions, dispute or differences and if the matter is not amicably settled and on rejection of the matter, the dispute or difference shall be mutually settled under the Indian Arbitration and Conciliation Act 1996 and amendment thereto.
- (b) The Contractor will ensure that the work under the Contract shall continue during Arbitration proceedings and no payment due from the Purchaser shall be withheld on account of such proceedings except to the extent that may being dispute.
- (c) In the event of the Contractor being an Indian party, that is to say, a citizen and / or a firm incorporated in India, the arbitration may be conducted by a sole Arbitrator. Such sole Arbitrator shall be appointed by the Chairman and Managing Director of NEEPCO or by his duly authorized representative out of a panel of three arbitrators, proposed by him and selected by the Contractor. If both the parties fail to arrive at decision regarding the selection of the sole Arbitrator the matter will be referred to the Chief Justice of High Court, Agartala having jurisdiction on the issue for a competent decision.
- (d) The venue of the Arbitration shall be Agartala, India.
- (e) The expense of the Arbitration shall be paid, as may be determined as specified in the award of Arbitrators.
- (f) The Arbitrator shall have the full powers to review and / or revise any decision, opinion, directions, certification or valuation of the Purchaser in consonance of the Contract, and neither party shall be limited in the proceedings before such Arbitrators to the evidence or arguments put before the Purchaser for the purpose of obtaining the said decision.
- (g) The language of Arbitration proceedings and of all documents and communications between the Bidders shall be in English.
- (h) The guidelines of the Government of India in respect of arbitration issued from time to time shall also be followed.

15. Force Majeure

Force Majeure is defined as any cause which is beyond the control of either the Corporation or the Contractor and is defined as below:

- (a) War (Whether declared or not), hostilities invasion, act of Foreign enemies, rebellion, revolution, insurrection of military or usurped power, or civil war.
- (b) Contamination by Radioactivity from any nuclear fuel or from any nuclear waste or radioactive materials.
- (c) Pressure waves caused by air craft or other aerial devices travelling at sonic or supersonic speeds.
- (d) Acts of God (Like floods, inundation, tornadoes, storm/tempest/hurricane/ typhoon/cyclone/lightning, earthquake, landslides/rockslide/subsidence or any loss or damage caused by forces of nature).
- (e) Damages due to any political and religious incidence
- (f) Act of terrorism
- (g) Riots or commotion or disorder, unless solely restricted to employees of the Contractor or his sub-contractors and arising from the conduct of the works.
- (h) Martial law, damage from air craft, nuclear fission, nuclear reaction, nuclear radiation or radioactive contamination.
- (i) Fire(not caused by negligence of the contractor/its sub-contractors/ their personnel) and
- (j) Other such causes over which, the contractor has no control and are accepted as such, by the Engineer in-charge, whose decision shall be final and binding.

In the event of either part being rendered unable by "Force majeure" to perform any obligation required to be performed by them under the Contract, the relative obligation of the party affected by such "Force majeure" shall be treated as suspended for the period during which such "Force majeure" cause lasts, provided the party alleging that it has been rendered unable, as aforesaid, thereby, shall notify with in 10 (ten) days of the alleged beginning and ending thereof giving full particulars and satisfactory evidence in support of such causes.

Loss to any party due to occurrence of "Force majeure" risk shall be borne by the respective party. If however, the "Force majeure" events causing such damage are insurable, removal of debris and reconstruction/repair shall also be done by the contractor upon receiving instruction from the Engineer in-charge at owner's cost and claim proceeds received from the Insurer against such damage shall be passed on to the owner.

Should there be a request for extension of time arising out of "Force majeure" the same shall be considered under the provision of the contract. No compensation, whatsoever, will be allowed to the Contractor for the delay arising out of the "Force majeure" conditions.

22. Accommodation:

No accommodation shall be provided to the manpower of the contractor.

Bidders shall submit their bids online in electronic form in <https://etenders.gov.in>. Online bidding forms are available in above website. Manual offline Bids shall not be accepted. However, the document submitted by the bidder must be signed and sealed at each page by the bidder with signature before scanning and uploading.

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