



NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

(A GOVERNMENT OF INDIA ENTERPRISE)

AGARTALA GAS TURBINE –CC EXTENSION PROJECT

www.neepco.gov.in

ISO 9001-2008
ISO 14001-1996
OSHAS 18001-1999

AGARTALA GAS TURBINE PLANT
CC EXTENSION PROJECT
RAMCHANDRANAGAR, P.O.NEEPCO
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NOTICE INVITING QUOTATION (NIQ) no - 01.

NEEPCO/AGTP-CCEP/Sr Mgr (E/M) /T-19/2013-14/308

Dated 15/10/2013

Sealed quotations with 120 (One Hundred and Twenty) days validity are invited from Manufacturer/ Authorised Dealer/ reputed suppliers for supply and commissioning of following D.M. Plant Laboratory equipments.

Estimated Value: INR 18, 49,318.00 (Rupees Eighteen Lakh Forty Nine Thousand Three Hundred Eighteen) only.

Sl. no.	Specification& Description of Item	Qty in (Nos)
01.	Visible Spectrophotometer Measuring Mode: Concentration, Absorbance, % Transmittance, Wavelength Range 400 – 1000 nm Wavelength Accuracy: +/- 1.5 nm or better Wavelength Resolution: 1 nm, Absorbance resolution: 0.001 A Photometric Measuring Range: A = Up to 3.0 A Power Supply: Single Phase, 230 V, 50 Hz Optional Battery Pack.	01 No
02.	On line Dissolved Oxygen Meter: Concentration: 0.001 mg/l to 20 mg /l (+/- 5 % of measured value) Saturation: 0 to 200 % (+/- 5 % of measured value) Partial Pressure: 0- 500 hpa Operating Temperature: 0 to 50 deg C Suitable for continuous operation and Having calibration facility Display: Backlit LCD graphic Display Built in air pressure sensor for calibration Power Supply: Single phase or Rechargeable battery with charger	01 No.
03.	Digital Flame Photometer with filters (Na & K) along with compressors, Standard Solution push button ignition as required :-- Sensitivity:& Measuring range : <0.5 ppm Accuracy: -- +/- 1 %.	01 No.
04	Digital PH Meter:-- 2-14 PH, Resolution: 0.01 PH, Accuracy: +/- 0.1 % mv: +/- (2000 +/- 1) mv Temperature Range: 0-130 deg C, Resolution: +/- 0.1 % Minimum 3 digit Digital Display (To be supplied with Power Supply, sockets, cords, Electrode/ Probes/ sensors, operation manual etc as required)	01 No

05.	Digital Conductivity Meter: With 04 (Four) electrode cell and having 03 (Three) kinds of measuring mode (Conductivity, Salinity & TDS).The meter should have auto ranging facility, temperature compensation, TDS conversion factor and Adjustable Temperature Coefficient. Measuring range : 0 to 2000 micro Siemens / cm Conductivity cell constant: K = 0.1 to 1.0 per cm and adjustable. Temperature : 5 deg to 100 deg, Accuracy : 0.001 micro Siemens (To be supplied with Power Supply, Sockets, Cords, Electrodes / Probes/ Sensors, set operation manual as required for operation)	01 No
06.	Digital Turbidity Meter (Portable):-- Principle of Operation: Nephelometric Range: 0-100 NTU Accuracy: +/- 2 % of reading Display: – 4 digit LED (To be supplied with Power Supply, Sockets, Cords, Cuvettes with light Shield caps, calibration standard/ set operation manual as required for operation)	01 No
07.	BOD Incubator: Capacity: 220 Ltrs Temperature range: 5 deg to 50 deg C. Temperature Stability +/- 2 deg Power Supply : Single phase 230 V, 50 Hz.	01 Set
08.	Hot Plate (Rectangular) Size: 10 x 12 “ (Rectangular) ; Power Supply : 230 V AC Thermostatic Control, Plate Material: Cast Iron, Body: MS with Powder Coating with Insulated elements ; Surface Temperature: 350 deg Centigrade	01 No
09.	Digital Balance: Weighing Range: 0-200 gm Accuracy: 0.001 gm, Readability: 0.001 gm Weighing Pan Dia: 105 mm, Power Supply: Single Phase 230 V	01 No
10.	Magnetic Stirrer Capacity: 2 Ltr Speed: 1000 rpm	01 No
11.	Colour Comparator for measurement of residual Chlorine having range / gradation 0.1 - 0.2 - 0.3 - 0.4 – 0.6 – 0.8 – 1.0 – 1.5 – 2.0 mg/l chlorine.	01 No
12.	Hot Air Oven Double Walled Construction. Inner Chamber made of Anodized Aluminium / S.S. Outer Body made of Mild Steel with powder coating Temperature Thermostatically Controlled within a range from 50 – 250 deg C. Heating elements should be at the bottom and the sides High Grade Glass wool insulation between inner and outer wall for minimizing thermal losses. Perforated Adjustable Trays Power Supply: single phase 230 V	01 No

TERMS & CONDITIONS:

01. **Scope:** Supply, Transportation, Transit insurance, Delivery, Loading & Unloading, and Commissioning of DM Plant Laboratory Equipment at AGTP.
- 02 **Delivery & delivery point:** All materials shall have to be delivered at project site (FOR AGTP Basis) within 30 (Thirty) days from the date of issue of order on.
03. **Liquidity Damage:** Shall be applicable @ 1/2. % (half percent) of the total value of the undelivered items per week subject to a ceiling of 10% (ten percent) of the ordered value.
04. **Rate:** Bidder shall quote item-wise prices for the quoted equipments. Rates should be quoted both in figure and words. In case of any discrepancy between figures and words, the amount indicated in words will be considered.

The bidders shall fully make themselves aware of the applicable taxes & duties for supply of goods at Tripura & submit total FOR destination prices.

Bidders **must quote** the price of the equipments (ensuring functional readiness) along with all required accessories (like probes, electrodes, sensors, reagents, Filters, compressors Cuvettes etc) as required for the equipment / instrument in a "Ready to use" condition.

In case, alternate model of any equipment is quoted, which shall/may require same set of additional accessories; it has to be included specifically in price of that alternate model.

Under no circumstances, the bidder shall quote any equipment without proper accessories / reagents etc without which the equipment cannot get commissioned. If any of the quoted equipments require any specific reagents (of any specific make or brand), the bidder must mention the same specifically along with make, model / code no of the brand and also mention quantity of reagent required, failing which the item may be rejected.

Commissioning of the equipments shall be in the scope of the bidder.

The bidders must also separately quote the rates of all reagents / chemicals/consumables, sensors, probes, electrodes which is required for smooth operation of the equipment along with their make, ordering information for our future procurement, if required.

Rates quoted should be inclusive of all taxes, duties etc at FOR AGTP, Agartala Basis including transit insurance and commissioning charges.

The purchaser reserves the right to exclude any item given in the tender.

The bidders must submit required credentials to establish that they have supplied similar equipments in other DM plant and where it is in successful operation.

All prices shall remain firm till completion of the supply and commissioning. For concessional CST, "C" Form shall be issued by NEEPCO.

05. **Earnest Money:** 2.5% (Two point five percent) only on quoted price shall be deposited as earnest money in the form of a Call Deposit / Bank Guarantee (B.G.) from any Nationalized / Scheduled Bank in favour of North Eastern Electric Power Corporation Ltd.
06. **Payment :** 90% (Ninety percent) payment along with 100 % (Hundred percent) taxes and duties shall be paid after successful commissioning of instrument/s at AGTP site and balance 10% (ten percent) shall be paid after expiry of warranty period if the equipments continues to work satisfactorily. Excise Duty, if applicable, shall be paid on production of documentary evidence.

Alternatively, 100% (Hundred percent) payment shall be released on submission of B.G. for an amount equivalent to 10% (ten percent) of billed amount; with validity for 18 (Eighteen months). The BG should be issued from a Nationalised / Scheduled Bank in India.

07. If the bidder is eligible for any kind of exemption /concession from State Govt./Central Govt.; the bidder should furnish documentary evidence duly certified by him to consider the same.

08. **Warranty / Guarantee:** The material should be guaranteed / warranted 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 commissioning, whichever is earlier.

The bidder must provide complete communication details of all authorized service centers of the manufacturers in India of their quoted equipments.

09. **Last Date and Place for submission of Bid:** The bidder shall submit their Quotation along-with EMD in a Sealed Envelope. These shall be received till 15:00 hrs. of 16-11-2013 at O/O the Sr.Manager(E), AGTP-CC Extn. Project, NEEPCO and shall be opened at 16:00 hrs of the same day i.e. on 16-11-2013. In case 16-11-2013 is a holiday; the Quotation shall be opened on the next working day at 16:00 hrs. Quotations send by FAX shall not be considered.

10. 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.
11. Deviations, if any, from the tendered specification must be reflected in a separate format for our evaluation.
12. Un-signed bids will not be considered. **All bids should be neatly typed out. Hand written bids will not be accepted.** All bid documents should be signed and stamped by the bidder.
13. The bidders are requested to visit NEEPCO Website (www.neepco.gov.in) for any modification / changes with regard 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.

Sd/-
Sr.Manager(E/M)
AGTP-CCEP, NEEPCO Ltd
R.C. Nagar, Agartala, Tripura – 799 008