



# Tripura Natural Gas Company Limited

(A Joint Venture of GAIL (India) Ltd., Govt. of Tripura and Govt. of Assam)

33, Office Lane, Agartala, Tripura-799001

CIN: U23201TR1990SGC003451

## REQUEST FOR QUOTATION (RFQ)

Ref. No- TNGCL/C&P/O&M/Iron Removal Plant-II/P(6055)/2017-18

Date- 25/10/2017

To,  
M/s.....  
.....  
.....

### SUBJECT: SUPPLY OF 02 NOS. OF IRON REMOVAL PLANT AT A.D NAGAR CNG STATION & KHOWAI CNG STATION

Dear Sir,

Sealed Quotation (Single Bid System) are hereby invited for Supply of Iron removal plant for additional source of water at A.D Nagar CNG Station & Khowai CNG Station for M/s Tripura Natural Gas Company limited as per following Terms & Conditions & enclosed Technical Specifications and Scope of Work.

#### TERMS AND CONDITIONS

- 1) The Bidder should have Pan Card, GST Registration and all of these documents should be submitted along with the quotation.
- 2) The bidder should have supplied at least one Iron Removal Plant in a Single Work order in any CGD Company / Central Govt. office/ Govt. office/ Govt. College/ Govt. Hospital/ Govt. PSU / School etc. in last 05 years from the bid due date. The bidder should submit detailed Purchase Order along with SOR and completion certificate of the same Purchase Order. Bid without P.O, SOR & Completion Certificate shall be rejected outright.
- 3) An EMD of Rs. 8000.00 in the form of Demand Draft/Banker Cheque/Bank Guarantee in favour of M/s Tripura Natural Gas Company Limited should be submit along with the quotation. Bid without EMD shall be rejected outright.
- 4) The rate should be quoted as per enclosed SOR (Annexure – II)
- 5) The validity of the offer will be of 04 Months from the due date of offer submission.

- 6) The Warrantee period for this supplied material is Twenty Four ( 2 4 ) months to be reckoned from the date of actual completion of work as certified by the Engineer-in-charge.
- 7) If any defect, trouble found during defect liability period the same shall be rectified at Contractor's own cost and risk. No Payment will be paid to the contractor for this rectification work
- 8) The offer shall be evaluated on overall SOR basis and the work shall be awarded to the lowest quoted bidder. *The bidder has to sign & Stamp all the pages of RFQ.*
- 9) Payment shall be released within 15(fifteen) days after completion of work in all respect and submission of complete bill/invoice in Triplicate after obtaining certification from the EIC (engineer in charge). The bill should be submit along with following documents
  - a. Invoice.
  - b. Detailed Catalog of Iron Removal Plant
  - c. Successful Commissioning Report.
  - d. Supplied material acceptance certificate.
  - e. Operation & Maintenance Manual
  - f. No Claim Certificate
  - g. Guarantee / Warrantee certificate from OEM
- 10) For delay in completion, a penalty @  $\frac{1}{2}$  % per complete week or part thereof to a Maximum limit @ 5% on total contract value shall be deducted from the bill.
- 11) The awarded bidder should Submit CPBG@10% of total contract value exclusive of GST within 15 days from the date of placement of P.O. The validity of BG should be 18 months from the date of placement of P.O. If any extension of BG required the same should be given by the awarded bidder from the bank. The BG should be in favour of TNGCL, Agartala from any Nationalized / Scheduled Bank in India. CPBG format is attached here with this RFQ.
- 12) **No Deviation Tender** – It is no deviation tender if any deviation found in technical, commercial & financial aspect the same shall be rejected outright.
- 13) Bidder should seal & sign in each page of this bid document as a token of acceptance of Terms & Conditions of Tender Document.
- 14) TNGCL has every right to reject any or all offer without showing any reason.
- 15) It is a single bid system tender if any bidders offer found L1 but the bidders offer does not meeting tender requirement (Technical, Commercial & Financial etc. terms & Conditions of RFQ) the same bid shall be rejected outright without any further communication.

**16) Completion Schedule**

45 (Forty-five) days from the date of issue of P.O.

**17) Force Majeure:**

- a) War/hostilities
- b) Riot or Civil commotion
- c) Earthquake, flood, tempest, lightening or other natural physical disaster.
- d) Restrictions imposed by the Government or other statutory bodies which prevents or delays the execution of the Contract by the CONTRACTOR.
- e) Insurrections
- f) Embargoes, any act of central or local Government, or any other civil or military authority, industrial disputes, lockouts, or strike.

The CONTRACTOR shall advise OWNER by a registered letter duly certified by the local Chamber of Commerce or statutory authorities, the beginning and end of the above causes of delay within seven (7) days of the occurrence and cessation of such Force

Majeure Conditions. In the event of delay lasting over one month, if arising out of causes of Force Majeure, OWNER reserves the right to cancel the Contract and the provisions governing termination stated under Article 28.0 shall apply.

For delays arising out of Force Majeure, the CONTRACTOR shall not claim extension in completion date for a period exceeding the period of delay attributable to the causes of Force Majeure and neither OWNER nor CONTRACTOR shall be liable to pay extra costs provided it is mutually established that Force Majeure Conditions did actually exist.

CONTRACTOR shall categorically specify the extent of Force Majeure Conditions prevalent in their works at the time of submitting their bid and whether the same have been taken into consideration or not in their quotations. In the event of any force majeure cause, the CONTRACTOR or the OWNER shall not be liable for delays in performing their obligations under this order and the delivery dates will be extended to the CONTRACTOR without being subject to price reduction for delayed deliveries, as stated elsewhere.

**18) CONFIDENTIALITY:**

The Bidder shall maintain Confidentiality of information pertaining to the business and also shall make all reasonable efforts to preserve and safeguard the good reputation enjoyed by TNGCL. The breach of this clause shall be considered as serious offence and TNGCL may terminate this agreement forthwith in case of breach by the supplier.

**19) ARBITRATION:**

The OWNER and the CONTRACTOR shall make every effort to resolve amicably by direct informal negotiations any disagreement or dispute arising between them under

or in connection with the contract. If, after thirty days from the commencement of such informal negotiations, the OWNER and the CONTRACTOR have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanism as specified hereunder.

#### Legal Construction

The Contract shall be, in all respects be construed and operated as an Indian Contract and in accordance with Indian Laws as in force for the time being and is subject to and referred to the Court of Law situated within Agartala, Tripura(West), INDIA

#### Arbitration

All disputes, controversies, or claims between the parties (except in matters where the decision of the Engineer-in- Charge is deemed to be final and binding) which cannot be mutually resolved within a reasonable time shall be referred to Arbitration by a sole arbitrator. The OWNER (Tripura Natural Gas Company Limited) shall suggest a panel of three independent and distinguished persons to the CONTRACTOR to select any one among them to act as the sole Arbitrator.

In the event of failure of the CONTRACTOR to select the Sole Arbitrator within 30 days from the receipt of the communication suggesting the panel of arbitrators, the right of selection of Sole Arbitrator by the other party shall stand forfeited and the OWNER shall have discretion to proceed with the appointment of the Sole Arbitrator. The decision of the OWNER on the appointment of Sole Arbitrator shall be final and binding on the parties.

The award of the Sole Arbitrator shall be final and binding on the parties and unless directed/awarded otherwise by the Sole Arbitrator, the cost of arbitration proceedings shall be shared equally by the parties. The arbitration proceeding shall be in English language and the venue shall be at Agartala, India.

CONTRACTOR may please note that the Arbitration & Conciliation Act 1996 was enacted by the Indian Parliament and is based on United nations Commission on International Trade Law (UNCITRAL model law), which were prepared after extensive consultation with Arbitral Institutions and centers of International Commercial Arbitration. The United Nations General Assembly vide resolution 31/98 adopted the UNCITRAL Arbitration rules on 15 December 1996. The WORK under the CONTRACT shall, however, continue during the Arbitration proceedings and no payment due or payable to the CONTRACTOR shall be withheld on account of such proceedings.

20) **No Deviation Tender** – It is no deviation tender if any deviation found in technical, commercial & financial aspect the same tender shall be rejected outright with out any further communication.

) **Bidders are requested to visit the site at TRTC CNG Station, Krishnanagar before bidding.**

## 21) Technical Specifications of Iron Removal Unit for reduction of Iron Content in Drinking Water

Providing and fixing Iron Removal Plant on Technology through special Iron removal media capable of Producing, Continuous and Consistent quality of water by reducing the iron contents of water to less than as recommended by the world health organization (W.H.O.). After each service cycle, the media, effective for reducing the Iron contents will be enabled to be reused after it is regenerated. The Iron plant will be of sturdy design. It will be compact, easy to install, does not require concrete foundation and having single lever operated valve and easy to operate.

Iron removal plant should be capable to provide water with iron contents within permissible limit as per World Health Organization (W.H.O.) standard.

### **DESIGN BASIS**

Design Parameters: The Iron removal plant shall be suitable for min. 3000 LPH discharge.

#### Technical Specification For Iron Removal Media

Iron removal media designed to provide excellent catalytic properties to remove dissolved iron from ground water. Media should be insoluble which oxidizes dissolved ferrous iron ( Fe<sup>++</sup>) to insoluble ferric iron ( Fe<sup>+++</sup>).

The insoluble iron thus formed gets trapped in the bed and is effectively filtered. A simple water backwash removes these trapped iron particles from the bed.

#### **A. Components**

The Iron Removal System should Consist of the following:

1. Dozing Pump
2. Chemical Tank
3. FRP Vessel— 2 Nos.
4. Micron Filter of 5 Micron--- 3 Nos.
5. All necessary Pipings, Valves and fittings with Proper Facility for Back Flush.

#### **B. Filter Media should be effective for the recommended influent conditions:**

- a. Temperature range : 4-50 deg. C
- b. Filter Media should not regenerate with any chemicals.
- c. No clinker formation and loss of activity should occur due to improper

backwash

d. Media can be removed from the vessel, cleaned and reused.

e. Capacity of Filter: 3 Cu. Mtr/hr or more

f. Test Pressure of Filter: 5kg/cm<sup>2</sup> or more to suit our requirement.

t. The Iron Removal plant should be installed within our existing system of Submersible pump. Proper care should be taken so that the existing system does not get damaged. Also, the same should be properly synchronized with our system.

u. This is to be noted here that there is No Underground Reservoir available in TRTC CNG Station. Hence, the party has to make necessary arrangements for (Online Dozing and Filtration or Installation of Suitable Tank).

v. Bidders are requested to visit the site at TRTC CNG Station, Krishnanagar before bidding.

w. The Installation in all respect and including all necessary materials and necessary plumbing job is in the scope of the Contractor. The job should be done as per convenience and Direction of the EIC of the job.

22) TNGCL reserves the right to reject any or all bid without showing any reasons.

23) Before installation of the material the iron removal plant shall be inspected by TNGCL. During inspection if it is found that the supplied material is not matching Tender Specification the consignment will not be accepted by TNGCL.

24) General Purchase Condition is attached Here with this RFQ

**Note**

	<b>Due date of submission</b>	:	<b>06/11/2017 at 11:00 hrs.</b>
	<b>Date of opening</b>	:	<b>06/11/2017 at 11:30 hrs.</b>
	<b>Place of Submission-</b>	:	<b>The In charge (C&amp;P)</b> Tripura Natural Gas Company Limited 33, Office Lane, Agartala, Tripura West

Thanking you.

Yours faithfully  
For Tripura Natural Gas Co. Ltd.

(C. Ghosh)  
In - Charge (C&P)

**Annexure – I**

**Schedule of Rate**

<b>Sl. No</b>	<b>Item</b>	<b>Qty</b>	<b>Unit Price including Transportation charge (Rs.)</b>	<b>Total Price (Rs)</b>
1	Iron Removal Plant, Pre –System, Dual Media Vessels, 1 No Activated Carbon Vessel, 2 Nos. Micron Filter (5 Micron), 1 E Dozing Pump, 1 Fit Pump (1 HP) with Accessories	2 Nos.		
2	Installation of Iron Removal Plant as per Specification mentioned.	2 Job		
A	Total			
B	GST.....@on [A]			
C	Grand Total in (Rs) including GST			