

**ASSAM GAS COMPANY LIMITED
(A GOVT. OF ASSAM UNDERTAKING)
P.O: DULIAJAN-786602
DIST: DIBRUGARH, ASSAM, INDIA
Mail : info@assamgas.org**

EXPRESSION OF INTEREST

NO : SCADA/O&M/02/2010/19

DATE : 21-12-2011

Sub : Expression of Interest for EPCM (Engineering / Procurement / Construction / Management) Consultant for setting up of SCADA and Telecom System and associated works for Gas Pipeline network of AGCL

1.0 Assam Gas Company Ltd., Duliajan has been in the business of transporting high pressure and low pressure natural gas through its transmission and distribution network covering five districts of upper Assam, India to several key segments. The gas is collected from several offtake points of the gas producers operating in the region, namely, OIL, ONGCL and Canoro Resources Ltd at various source pressures, prices and heat values. The bulk of the supply is provided by OIL at a single source from where a part of the natural gas is compressed and transported by dedicated and common carrier lines to large industries such as BVFCL (Fertilizer), APL (Petrochemical), NTPS (power) and uncompressed natural gas to LTPS (Power) & NEEPCO (Power). The company also supplies low pressure natural gas to over 350 tea factories spread over upper Assam. These tea factories are not located in industrial parks but rather in interior areas. The company is also supplying piped natural gas to domestic and commercial consumers in 10 towns of upper Assam. All towns do not necessarily have a single source. Except for domestic consumers, where meters are being installed, all other consumers are equipped with gas meters. Metering for all consumers is at the consumer end but in case of bulk consumers, it is also metered at the supplier end. Gas purchase and sale as of now is volumetric in standard cubic meters.

2.0 The objective of setting up a SCADA System is to monitor and ensure supply of gas to its consumers with the agreed quantity at agreed delivery pressure at all times and ensure that in common carrier situations, overdrawal by a single/few consumers do not occur under set conditions. However when there is excess gas available in the system, such overdrawal may be permitted. When gas from several sources are being drawn into the same pipeline, the system by means of flow controllers, cascades, pressure differentials ,etc must be able to ensure that agreed quantities are being drawn into the gas transportation and distribution network.

3.0 The company intends to install a state of the art scalable redundant SCADA system to:

- i) To **monitor** the volume and pressure of gas it is receiving from various sources of Oil India Ltd, ONGCL and Canoro Resource Ltd and the volume & pressure of gas supplied at consumer's end points, i.e., BVFCL, NTPS, APL, LTPS and NEEPCO
- ii) To **operate, monitor** and **control** the volume of gas being supplied to around 350 nos of industrial consumers / tea factories and to take care of its present operation conditions, likely operating conditions and add on new areas as and when required. Normally natural gas is transported to tea factories from trunk pipeline and then through branch PE network through a Pressure Regulating Station (PRS).

- iii) None of the existing locations are equipped with OFC network and it can not be taken for granted that leased line, land line or GSM is available at all locations. In all likelihood, the data communications network will be heterogeneous (radio/GSM/VSAT/leased line / etc)

Now Assam Gas Company Limited invites Expression of Interest in sealed envelopes from reputed Consultancy firms having requisite expertise, capabilities and experience in the relevant fields for carrying out the under mentioned work.

4.0 Description of Work

Consultancy Services for Survey, Planning, Design, Detailed Engineering and Preparation of Tender Documents & Documentation from Planning to Commissioning for setting up of SCADA and Telecom System along with associated works for AGCL Gas Distribution Network, Duliajan.

5.0 Scope of Work

The scope of work includes undertaking all activities from study, planning , design, estimation, bill of material, drawings, preparation of tender document , documentation etc. complete in all aspects on behalf of AGCL. It also includes assisting AGCL in tendering, bid evaluation & selection of suitable vendors, inspection, ensuring job quality, project management, supervising erection and installation, testing and commissioning of communication network, instrumentation and flow control equipments (wherever required), SCADA system, etc. Modifications in the gas transportation system, civil works for control room, furniture and fixtures, etc are all part of the scope of the bidder. The design will include layout plan for servers, plan for network and power cabling, complete Civil Engineering design and any other utility requirement not specifically mentioned but required for establishment of SCADA.

6.0 Eligibility Criteria

Interested EPCM Contractor shall have to submit the following documents with their EOI for pre qualification:

- (a) Experience of having done similar type of consultancy jobs specifically relating to design and implementation of Telecom and SCADA works during the last 5(Five) years as on 31-12-2010 with minimum value of single Project cost not less than ₹ 4.00 Crores. The consultant must submit necessary experience certificate from competent authority in support of satisfactory completion of the job.
- (b) Average financial turnover from consultancy in SCADA related field during the last 3 (three) years ending with financial year 2009-10 should be at least ₹ 30.00 lakh. The proof of annual turnover should be either in the form of audited balance sheet or certification from Chartered / Cost Accountant firm.
- (c) Financial soundness certificate from the bidder's Bankers for a minimum value of ₹ 50.00 Lakh

(d) AGCL has the right to check the original certificates/ documents at any point of time if desired and the required documents shall have to be produced by the parties for authentication.

7.0 A comprehensive project proposal with a bar chart showing the milestones for completion of the said job is required to be submitted along with the application. The project proposal should also include the CV of technical personnel likely to be engaged.

8.0 The interested parties may, if they so desire, visit the site of work to gather first hand information prior to submitting expression of interest at their own cost. They are advised to contact Sr Manager (O & M), AGCL or his authorized representatives in this regard.

9.0 AGCL may invite the eligible parties to make a presentation to AGCL at a date, time and location determined by the company. The purpose of such presentation would be to allow them to present their proposed solutions to the AGCL and the key points in their proposals.

10.0 A pre-bid conference may be arranged at Duliajan for having interaction with short-listed contractors or parties. The interested contractors or parties shall submit the EOI along with the following details in addition to the documents stipulated in para 6.0 above:

Experience of the Firm

- 1. Name of the consultant/ party :
- 2. Contact details :
- 3. 1st such work carried out on (year) :
- 4. Nos. of such works carried out so far :
- 5. Nos. of such jobs successfully completed :
- 6. List of such successful jobs :

Sl No	Client Names	Year	Type of association (D/E/P/C)	Project Cost	Whether Presently in operation (Y/N)

Legends :

D---- Designing E-----Engineering

P-----Procurement C-----Supervision & commissioning

11.0 The parties found suitable by the Company will be furnished with complete set of tender papers covering all details of work. The bid closing and opening time and date will be indicated on the tender documents.

12.0 Sealed Expression of Interest must reach AGCL Office on or before 14:00 Hrs on 31/01/2011. If however the date happens to be a Holiday/ Bandh, it will be received up to the next working day till the same time. Since a separate proforma will not be issued, it is requested to submit the Expression of Interest in the Letter Head of the individual organization. EOI may be sent by post. However, AGCL will not be responsible for any delay in receipt, transit loss, etc. Any clarifications sought by the bidders, must be sent to the company latest by 10th January 2011.

13.0 Offer sent through Fax/Telex/Telegram/e-mail etc will not be acceptable.

14.0 AGCL reserves the right to curtail / enhance the scope of the work stated above, if required. The details will be indicated in the final tender document.

15.0 AGCL reserves the right to accept or reject any of the proposals submitted without assigning any reasons thereof.
