



Tripura Natural Gas Company Limited

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

Shilpa Nigam Bhawan, Khejurbagan, P.O - Kunjaban, Agartala, Tripura-799006

CIN: U23201TR1990SGC003451

Corrigendum I

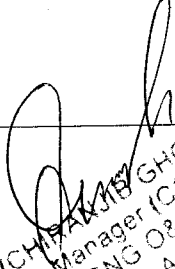
Name of Work: Hiring of Agency for Implementation of SCADA at CNG Stations

E - Tender No: TNGCL/C&P/SCADA-OPR/SC(1069)/2021-22 Dated: 16/06/2021, Corr # 1

Sl. No	Type of Query	Bidders Query	Clarification / Reply From TNGCL
1	Large Screen Display	Large Screen display 60" with video controller	Large Screen Display will be 32". 32" Screen to be considered in SOR Item#1.1.5
2	Mismatch of Annexure	The list of equipment for each CNG Station already mentioned in "Annexure-I"	Annexure-1 is addressing to "A.5 List of Equipment"
3	Trial Run	Bidder requests to provide Trial Run Duration for RTU and SCADA System.	The Trial Run Duration for RTU and SCADA System shall be 72 hours from the date of commissioning.
4	Defect Liability Period	We request client to put a cap on defect liability period from date of supply. We propose a defect liability period of 12 months from commissioning or 18 months from supply, whichever is earlier.	Defect Liability Period will be 12 months from the date of commissioning or 24 months from the date of supply whichever is earlier.
5	PRS	We request you to please consider Liquidated Damages in place of Price Reduction	PRS should be read as "Liquidated damages" Liquidated Damages: In case of any delay in completion of the work beyond the completion schedule, LD will be applicable at the rate of 0.5% of the contract value (excluding GST) for every week of delay subject to a maximum of 5% of the total contract value (excluding GST)
6	Upgradation of Software	SCADA security patches shall be provided during this period as per release, however SCADA software upgradation will be provided at additional price impact as it can't be judiciously estimated at this time.	Upgradation of software will be limited to upgradation of patches of the software supplied only for the next 05 years. Hardware support will be for 05 years from the date of commissioning
7	AMC Scope	We understand that the AMC is limited to maintenance under warranty. We request client to elaborate on AMC scope	AMC during AMC period will be limited to maintenance under warranty only. The bidder has to perform the periodic maintenance of the SCADA system once in every 3 months as per OEM procedure.
8	No. of tags for SCADA Software	There is a conflicts in the quantity of tags required for SCADA software as mentioned in SOR and MR. Kindly confirm whether 2000 tags or 5000tags are required.	Consider it as 5000 tags
9	Name of CNG Station	Teliamura CNG Station is mentioned in List of Stations/ System Architecture. However, Radhanagar CNG station is mentioned in System Architecture. Kindly clarify whether the station is at Teliamura or Radhanagar.	It will be Teliamura DBS

(CHITRA B. GHOSH)
Dy. Manager (C&P) TNGCL,
CNG O&M,
TNGCL, Agartala.

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10	SCADA Server	We request M/s TNGCL to accept Windows based SCADA servers.	SCADA Server shall be in Linux/ Unix/ SQL/Windows
11	Communications of SCADA system	<p>We understand third party devices shall be interfaced with RTU over Modbus Serial. Kindly confirm.</p> <p>We understand that there are no hardwired signals to RTU.</p> <p>Bidder requests to provide detailed Soft IOs and number of Serial RS232 / RS485 port requirements per RTU.</p> <p>Please confirm that all the interfaces specified are on serial Modbus RS 485 in multidrop mode.</p>	<p>All communications will be over Modbus Serial.</p> <p>The ports available for the compressors, dispensers and other equipments provided. Annexure-B</p> <p>Refer Page#38 of Vol II, the 03 Booster Compressors are being controlled by relay logic (non PLC).</p> <p>Refer Page#26 of Vol II, All the protocols support for RTU already given.</p> <p>List of available Ports given at Annexure-B</p>
12	Vendor List	As Bristol inc. is wholly acquired by Emerson Electric Co. We request you to please include the name "Emerson" in the approved list. Official Letter is attached.	Emerson is included in Vendor list of RTU
13	RTU and SCADA cabinet specification	Bidder requests to provide RTU and SCADA cabinet specifications / requirement along with area of installation (Safe/Hazardous) in detail.	Specification attached in Annexure-A of Tender Document
14	Schedule of Rate/ MR	<p>a. We understand commercial grade 24 port 10/100/1000 BaseTx Ethernet switch needs to be provided. Please confirm.</p> <p>b. Please specify whether A3 or A4 printer is required. Also clarify whether the printer shall be color or B/W.</p> <p>c. 1 no. 4 port router is envisaged at each location as a part of MR. Please specify the use of the same.</p> <p>d. We recommend Microsoft Windows Server 2019 for Server</p> <p>We understand Dual Sim 4G GPRS Modem is required only at RTU locations</p>	<p>a. It will be 24 port Ethernet switch. Consider 24 port Ethernet switch in SOR</p> <p>b. It will be A4 printer with colour print.</p> <p>c. The router will send and receive data from RTUs on networks.</p> <p>d. It is mentioned Windows 2016 or higher. Accordingly, Windows 2019 is acceptable.</p> <p>Bidder's understanding is correct</p>


 (CHIRANJIB GHOSH)
 Dy. Manager (C&P)/IC,
 CNG O&M,
 TNGCL, Agartala.

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15	Terms of Payment	Bidder requested for changes in Payment terms	<p>Payment terms:</p> <p>For Supply:</p> <ol style="list-style-type: none"> 3% of supply value will be released against submission of CPBG. 77% of Invoice Value shall be released on receipt of all the materials (as per BOM mentioned in tender document) at TNGCL's store on submission of the following documents: <ol style="list-style-type: none"> Invoice Copy in triplicate Packing List Manufacturer's test certificate Transit Insurance copy. Inspection Release Note. Despatch clearance by owner Copy of CPBG. 10% against Erection, Installation & testing of SCADA System on pro-rata basis. 5% against commissioning of SCADA System for individual installation/ CNG Station basis & handover of system to owner 5% on submission of all technical documents as per tender documents, clearance of all punch points. <p>For Installation & Commissioning:</p> <ol style="list-style-type: none"> 70% against erection, installation & testing of SCADA System on pro-rata basis 25% against commissioning of SCADA System for individual installation/ CNG Station basis & handover of system to owner 5% on submission of all technical documents as per tender documents, clearance of all punch points and No Claim Certificate.
16	Bid due date	We request M/s TNGCL to kindly extend bid due date by 2 to 3 weeks from reply of pre-bid replies.	Bid due date may be extended up-to 20.07.2021 at 16:00 hours

*** Rest of the Terms & Conditions Shall be Remaining Same

For on behalf of TNGCL

(CHIRAN) B GHOSH
 Dy. Manager (C&P) IC,
 Dy. Manager (C&P)
 TNGCL, Agartala.