

INDRAPRASTHA GAS LIMITED

**IGL Bhawan, 4, Community Center,
Sector-9, R.K. Puram, New Delhi - 110022**

TENDER NO. IGL/ET2/CP/CP18312

SUPPLY, INSTALLATION, COMMISSIONING & CONFIGURATION OF MODEM/GATEWAY AND SOLAR SYSTEM WITH IGL SCADA AT 39 NOS. OF FRS IN DELHI & NCR

Replies to Bidders' Queries - 2

Sr. No.	Page	Clause/Tender Condition	Bidder's Query	IGL's Reply
1	73	SECTION VI SCHEDULE OF RATES A1. Supply of dual sim modem/Gateway system along with all accessories to establish connection with IGL SCADA as per scope of work	We would like to inquire about who will be responsible for purchasing the 4G/5G SIM cards for the tender work at the 39-FRS location.	SIM is in IGL scope, tender conditions prevail.
2	68	RECOMMENDED VENDOR LIST FOR MODEM	We Request to Add the Modem/ Gateway of Make Lantronix India Pvt. Ltd.	Lantronix India Pvt. Ltd. make is acceptable subject to meeting technical specification in tender.
3	70	RECOMMENDED VENDOR LIST FOR SOLAR SYSTEM	We Request to Add the Make – Exide for the Solar Panel	Tender conditions prevail
4		With reference to the issuing of work order for 39-FRS Location. As discussed in pre-bid Meeting min Qty of PO is 05 FRS Locations	We propose to issuance of work order for the all 39-FRS SITS for the work “SUPPLY, INSTALLATION, COMMISSIONING & CONFIGURATION OF MODEM/GATEWAY AND SOLAR SYSTEM WITH IGL SCADA AT 39 NOS. OF FRS IN DELHI & NCR”	Tender conditions prevail
5	11	11.5 PSUs and firms registered as Micro/Small Enterprise with MSME or NSIC are exempted from furnishing Earnest Money Deposit (EMD) / Bid Security, (subject to their enclosing a copy of latest and valid registration certificate for the tendered products/services) with their bid.	We are registered with MSME, Udyam registration for data communication equipment. hence we understand that we are exempted from submission of EMD. Please refer enclosed notarized copy of MSME certificate. Please confirm.	Bidder's understanding is correct.
6	7	Delivery of material shall be completed within 08 (eight) weeks from date of PO/intimation from IGL. All supplied material shall be installed and commissioned at site within 08 (eight) weeks from the date of material receipt at IGL site/store and intimation from IGL EIC.	We request M/s IGL to accept the delivery of material shall be as per within 12 (twelve) weeks from date of PO receipt from IGL. All supplied material shall be installed and commissioned at site within 08 (eight) weeks from the date of material receipt at IGL site/store and intimation from IGL EIC.	Tender conditions prevail.
7	56	11.2 For Supply Portion: The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: (a) 70 % on receipt of material at site and inspection. (b) 20% after commissioning and completion of all works and acceptance by IGL Engineer-in- charge. (c) 10% after successful completion of defect liability period.	We request M/s IGL to accept payment terms as per following: For supply: (a) 90 % on receipt of material at site and inspection. (b) 10% after commissioning and completion of all works and acceptance by IGL Engineer-in-charge.	Tender conditions prevail.
8	56	11.4 For Items involving installation, testing and commissioning: (a) 90% after installation, testing and completion of all works in all respects and acceptance by Engineer-in-charge. (b) 10% after successful completion of defect liability period.	We request M/s IGL to accept Payment terms as per following: For service: 100% after installation, testing and completion of all works in all respects and acceptance by Engineer-in-charge.	Tender conditions prevail.



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9	55	6.1 Within twenty-one (21) days of receipt of the Contract/PO, the successful bidder shall furnish to the Purchaser the Contract Performance Bank Guarantee (CPBG) @5% of annualized awarded value as below: a. @ 2.5% of total annualized contract value (inclusive of all taxes) initially to be submitted against the Contract b. @ 2.5% of individual release/purchase order value (inclusive of all taxes) to be submitted against each subsequent release/purchase order.	We request M/s. IGL to accept the CPBG clause as per below: 1. Bidder will submit CPBG @ 2.5% of individual release/purchase order value (Exclusive of all taxes) to be submitted against each subsequent release/purchase order. 2. We request you to IGL to remove CPBG @ 2.5% of total annualized contract value (Exclusive of all taxes) initially to be submitted against the Contract as the RFQ is for ARC and not for firm quantity of supply. Please confirm	Tender conditions prevail.
10	55	Price Reduction will be applicable @½% of the total order value (inclusive of taxes) per week of delay or part thereof in supply/completion of work subject to a maximum (ceiling) of 5% of total order value (inclusive of taxes) for orders of goods, works and services.	We request M/s IGL that PRS clause for service will only be applicable after site readiness intimation received from the IGL only. In case of any delay from IGL side, then bidder shall not be penalized for same and PRS clause shall not be applicable. Please confirm	Bidder's understanding is correct.
11	57	13.2 Replacement spare & its installation at site at full functionality in case of failure within warranty period of 1 year from installation and commissioning or 18 months from supply.	We understand that warranty will be 1 year from installation and commissioning or 18 months from supply of material whichever is earlier. Please confirm	Bidder's understanding is correct.
12	67	g. Modem should have Dual SIM slot to achieve network redundancy (active-active mode or active-passive mode)	We understand that supply of SIM card will be in scope of M/s IGL & IGL will free issue SIM card for each site at the time of commissioning. Please confirm	Bidder's understanding is correct.
13	65	FRS automation will facilitate remote data acquisitions of flow computer & EVC data for monitoring, Control & analysis of parameters at Owner (IGL) SCADA system.	We request IGL to provide no. of FCs to be interfaced and no. of EVCs to be interfaced sitewise along with their make and model.	Details will be shared later with successful bidder.
14	66	Any assistance required for hookup of modem unit/Gateway with existing Centralized SCADA System will be in Vendor's scope	Please note that necessary modbus mapping@existing IGL Centralized SCADA System end has to be done by IGL SCADA vendor and not by bidder. Bidder will provide provision of all required data from flow computer and EVCs to be interfaced at communication port but final interfacing with IGL Centralized SCADA System will in either in IGL scope of IGL SCADA vendor scope. Please note that we will provide all required assistance to IGL to establish SCADA communication with FC or EVC.	Bidder's understanding is correct. Tender conditions prevail.
15	66	The Modem/Gateway shall be integrated using Modbus TCP/IP communication with SCADA server.	Please note that existing flow computers or EVCs serially communicate with IGL SCADA as existing flow computers or EVCs has only serial ports available for further communication. We request IGL to accept Modbus serial communication between flow computer & IGL SCADA System. Please confirm.	Tender conditions prevail. As also mentioned in clause 4.5, Modem/Gateway function for data share to SCADA over Modbus TCP/IP having multi master functionality. So modem/gateway must be compatible to covert protocol (serial to TCP/IP) and transmit the FC/EVC data to SCADA.

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16	66	It is the prime responsibility of vendor to check SIM network and to establish communication between flow computer & IGL SCADA System.	Please note that supply of SIM CARD is in scope of IGL. Bidder can check SIM card network only but can not improve network connectivity as it is sole responsibility of network service provider.	Bidder's understanding is correct. Tender Conditions prevail.
17	66	COMPATIBILITY TESTING	We request IGL to keep compatibility test after bid due date submission and during technical evaluation, every bidder to perform compatibility test of integration of modem/gateway with IGL SCADA. Successful bidder's bid will be evaluated further and then price bid shall open after wards. please confirm.	Please note that there is no change in clause 3.4 under scope of work. However , due date shall be extended to facilitate the compatibility testing before bid submission. Remaining tender conditions prevail. "Before the bidding the compatibility testing has to be done and certificate has to be provided along with offer, without the compatibility certificate Vendor's offer shall not be considered for further evaluation as per terms and condition of contract. "
18	68	RECOMMENDED VENDOR LIST FOR MODEM	We request IGL to accept Teltonika/Niseva/lenktronix/equivalent make of modem/gateway.	The modem make is acceptable subject to meeting technical specification in tender.
19	69	Module mounting Structure (Array Structure)	Please note that solar panel will mounted on single Galvanizing mounting pole(MOC: MS) with 12 feet height. It will be grouted at bottom on RCC foundation. Please confirm.	Tender conditions prevail.As per clause 7.2(a) The PV modules structure shall be single pole mounted. The Solar Panel Pole needs to be installed on the ground/Land, with PCC foundation using steel rods, and anchor bolts for maximum security. Height of pole should be more than 12 feet's from ground/PCC foundation. Material per Clause 7.2(d): hot-dip galvanized steel.
20	69	7.5 Flame proof junction box for Solar charge controller and Battery	As per hazardous area safety guidelines, Flame proof junction box/enclosure/Cabinet shall be IP66 or better and MOC : Die-cast aluminium, hazardous area zone-1 certified as per CCOE/PESO. Please confirm.	Tender conditions prevail. As per clause 7.5 (c) Cabinet shall be MS/Galvanized Iron based and shall be weatherproof (IP56 or better) as the cabinet shall be kept outdoors in open environment. The necessary switch gear, MCB etc. to ensure the safety may be installed in cabinet. The cabinet have a modular design featuring uninterruptible maintenance and easy installation.
21	69	All electrical installations for said purposes should be ATEX approved.	Please note that instead of ATEX, we request you to accept CCOE/PESO certified electrical items, whenever required or to be installed.	Tender conditions prevail. As per Clause 9.7, all electrical installations for said purposes should be ATEX approved.