

Minutes of Pre-Bid Discussion

Thursday, Aug 08, 2024

INDRADHANUSH GAS
GRID LIMITED



Name of Work: PROCUREMENT OF TURBINE FLOW METERS FOR INETRCONNECTION POINTS BETWEEN IGGL & NEGDC

Tender No.: IGGL/GHY/C&P/PROJ/TFM/08-24 dated 01.08.2024 (E-tender No. IGGL 100061)

MEMBERS PRESENT: (Meeting was held through Video conference system)

<u>Indradhanush Gas Grid Limited (IGGL):</u>	<u>Participant / Participating Agencies:</u>
i. Mr. Pranjal Nilabh Gogoi, CM (PE) ii. Mr. Santanu Bhattacharyya, SM (C&P) iii. Mr. Dipesh Kumar Guha, M (Project) iv. Mr. Saptarishi Sikder, E (Project)	i. Ms. Shaishavi Kayashtha – M/s Apex Automation ii. Mr. Anirban Ghosh – M/s Rockwin Flowmeter

GIST OF DISCUSSION:

- 1) Pre bid meeting was held through video conferencing wherein 02 (Two) nos. of participants attended the meeting virtually at IGGL conference room.
- 2) 03 other prospective bidders (M/s Honeywell & M/s Neophile Controls & M/s Sage Associates) did not participate in the Pre-Bid meeting but had shared their queries through e-mails.
- 3) Prospective bidder's queries and IGGL replies are as follows for information to all concerned:

Sl. No.	Reference of Bidding Document				Bidder's Query	IGGL's Reply
	Sec. No.	Page No.	Clause No.	Subject		
1	VI	154	-	Scope of Supply & SCC	<p>The Turbine Flow Meter shall be calibrated (10 points) from NABL Accredited Laboratory as per the applicable standards / codes and the calibration certificate shall be provided along with the TPI report.</p> <p>We understand that calibration of flowmeter is acceptable with Air as the medium at atmospheric pressure. Kindly confirm.</p>	Calibration of flow meter with both wet gas or air as medium is acceptable.
2	VI	156	-	Scope of Supply & SCC: TECHNICAL SPECIFICATIONS	<p>Electronic volume corrector: Power: -Self powered by Lithium battery which is certified for intrinsic safety and has a life of at least 3 years under standard operating conditions.</p> <p>We understand that standard operating conditions means that data retrieval on laptop shall be done, maximum once a day. Kindly confirm.</p>	Confirmed
3	VI	157	-	Scope of Supply & SCC: TECHNICAL SPECIFICATIONS	<p>Electronic volume corrector: Modem-Integrated GSM / GPRS (2G or 3G or 4G) Modem, self-powered suitable for Zone 1 use.</p> <p>For modem to operate continuously & successfully, kindly provide external power supply of 230 V AC.</p>	Modem must be self-powered with battery for Zone 1 use. Bidders may provide additional provision for external power suitable for Zone 1 at no extra cost. However, this is not mandatory.

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4	I	4	E1	Declaration for bid security	MSEs, Start-Ups and CPSEs (to whom exemption is allowed as per extant guidelines in vogue) are required to submit Declaration for Bid Security as per proforma at Form F-2A. However, Traders / Dealers / Distributors / Stockiest / Wholesaler are not entitled for exemption of EMD. We request M/s. IGGL to provide EMD exemption for MSE (Authorized Distributor / Dealers). We will provide notarized copy of NSIC and MSME certificate. please accept & confirm.	Tender Condition Prevails. Traders / Dealers / Distributors / Stockiest / Wholesaler are not entitled for exemption of EMD.
5	III	67	BDS	Contract Performance security/ Security deposit	CPS/SD @ 5% of Total Order / Contract value excluding GST. We request M/s. IGGL to accept CPS/SD @ 5% of total basic value (Excluding GST) of Supply part (SI. No.: 1) only. Please note that PBG/CPS/SD is not applicable for service part (SI. No.: 2) Please accept & confirm.	Tender Condition Prevails. CPS/SD will be @ 5% of Total Order / Contract value excluding GST.
6	VI	157	5	Delivery period/ Contract Period	Delivery to be done within 16 weeks on FOT Site basis for each item from the date of written intimation. Date of receipt of material at site shall be considered as date of delivery. Written intimation for delivery of materials can be given at any time within 12 months from the date of Fax of Acceptance (FOA). Written intimation for delivery of materials can be given in a staggered manner. In case no written intimation is given, the last day of the period of 12 months from the date of FOA shall be considered as the date of intimation for delivery of balance materials. Services at site for supervision during installation and commissioning to be provided within 2 weeks from the date of written intimation. Written intimation can be given at any time within 8 months from the date of delivery of materials. We understand that it is one time supply of Turbine flow meter and delivery period is 16 weeks from the date of receipt of Purchase order. Please confirm	Delivery may not necessarily be one go. Staggered delivery may be possible depending upon site conditions. Delivery to be done within 16 weeks on FOT Site basis for each item from the date of written intimation. The delivery clauses have been clearly mentioned in the Tender.
7	VI	155	2	Payment terms for supply	90% of Invoice value with 100% taxes and duties will be paid progressively on receipt of material at storage yard after adjustment against PRS and against submission of invoice. Balance 10% amount of Invoice value shall be paid within 30 days on receipt and acceptance of complete materials at storage yard against submission of Claim Advice / Supplementary Invoice along with:	Tender Condition Prevails.

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					Confirmation by Purchaser/Purchaser's agency against receipt of documents as specified in Vendor Data Requirement in MR. We request M/s IGGL to accept 100% payment for supply will be released within 15 days after receipt & acceptance of material at storage yard against submission of Invoice. Please confirm.	
8	VI	155	2	Payment terms for services	100% (Hundred percent) against monthly bills payable against submission of invoices and time sheets certified by Engineer-in-charge. We request M/s IGGL to accept 100% payment for services will be released within 15 days after completion of services & against submission of Invoice. Please confirm	Tender Condition Prevails.
9	VI	157	6	Guarantee/Warranty	Twelve (12) months from the date of commissioning of the flow meter, or twenty-four (24) months from the date of last shipment whichever period shall first expire. We request to M/s IGGL to accept warranty period of 12 Months from date of dispatch of material. Please confirm	Tender provisions shall prevail.
10	VI	156	4(1)	Technical specification, Turbine flow meter	Bidders have to submit Type Approval of Turbine Flow Meter from Legal Metrology. We understand that turbine meter shall have type test approval as per EN12261 and certificate for the same must be furnished as per legal & W & M guidelines. Please confirm	The Offered TFM must have Type Approval for Natural Gas Custody Transfer Application as per AGA-7 & Legal Metrology
11	VI	156	4(3)	Technical specification, Electronic volume corrector	Bidders have to submit Type Approval of EVC from Legal Metrology. We understand that turbine meter shall have type test approval as per EN12405 and certificate for the same must be furnished as per legal & W & M guidelines. Please confirm	EN12405 for EVC must be furnished as per Legal Metrology and Weights & Measures Guidelines
12	VI	154	-	Scope of Supply	The Turbine Flow Meter shall be calibrated (10 points) from NABL Accredited Laboratory as per the applicable standards / codes and the calibration certificate shall be provided along with the TPI report. We request you to please confirm that turbine meter will be calibrated with wet gas or Air calibration @ atmospheric pressure. If wet gas calibration required; we request you to please confirm that wet gas calibration @ GAIL-Hazira is acceptable. We request you to please accept 7 Point calibration instead of 10 Point calibration of Turbine flow meter. Please confirm	10-point calibration as per AGA-7 with wet gas or Air as medium as per AGA-7

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13	VI	156	4(1)	Technical specification, Turbine flow meter	<p>Pulse Signal – 1 No. Low Frequency (LF) / Reed Switch per flow meter</p> <p>We understand that offered turbine flow meter is provided with 1*LF sensor on index head and there is no any sensors required on meter body. Please confirm</p>	<p>LF pulser must be considered.</p> <p>Bidders may provide other sensors at no extra cost. However, this is not mandatory.</p>
14	-	-	-	-	<p>Hazardous area certification of Turbine flow meter</p> <p>We understand that offered turbine meter should be ATEX certified for Zone 1 and certificate for the same must be furnish. Please confirm</p>	<p>Hazardous Area Approval for EVC only.</p>
15	-	-	-	-	<p>Kindly confirm, Can you accept a vortex flow meter instead of a Turbine flow meter with the same technical specifications?</p>	<p>NO. Tender Condition prevail.</p>
16	-	-	-	-	<p>The present tender for supply of 4 (four) numbers of Metering Systems to be installed at the delivery locations for the purpose of Custody Transfer of Natural Gas.</p> <p>We request M/s IGGL to provide end user location for all 4 metering system to consider freight accordingly.</p>	<p>The delivery locations cannot be fixed now. They can be located at any place in the North-Eastern states of India.</p>
17	-	-	-	-	<p>Upstream & Downstream Flow Straightener conforming to AGA standard.</p> <p>We understand that only meter run is required. Necessary Structure & support for meter run shall be supplied by IGGL.</p>	<p>TFM with EVC along with upstream and downstream meter run, studs and bolts, gaskets etc. is required. Structural support, Isolation valves, foundation etc. if required shall be done by IGGL.</p>
18	-	-	-	-	<p>The materials are to be inspected by TPI agency engaged by the bidder and Dispatch Clearance shall be provided by IGGL on submission of TPI certificate and all necessary documents.</p> <p>We request M/s IGGL to waive off the Third-party inspection.</p>	<p>Tender conditions shall prevail</p>
19	-	-	-	-	<p>Upstream & Downstream Flow Straightener.</p> <p>We recommend 10D Meter run at inlet & 5D Meter run at outlet with Integral flow straightner.</p>	<p>Accepted 10D US and 5D DS with integral flow straightener</p>
20	-	-	-	-	<p>Pressure Sensor in Electronic Volume Corrector should be capable of reading 5 to 50 KG/CM2 (g)</p> <p>We can provide pressure ranges 4-20BarA or 8-40BarA or 14-70 BarA. Kindly accept the same.</p>	<p>Tender conditions shall prevail</p>
21	-	-	-	-	<p>Due Date: Please extend the bid submission due date by 8 working days from TQ replies.</p>	<p>BDD Extended (Refer Corrigendum No. 1)</p>



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22	II	9	A.1	BEC Technical	<p>The bidder shall have designed, fabricated, integrated, tested and supplied at least following number of Turbine Flow Meters (as per Table) for natural gas service in the last seven (7) years reckoned from bid due date.</p> <p>M/s SAGE ASSOCIATES the bidder, Bid the Authorised Distributor & Channel Partner of HONEYWELL India since 2003.</p> <p>The Meter Supplied by Bidder are basically the Turbine Flow meter Model as QUANTO Meter are for GAS Service for an INDUSTRIAL APPLICATION. the number of meters supplied are 8 nos.</p> <p>These meters are being manufactured in Honeywell Elster Factory - Germany.</p>	<p>The bidder is requested to submit the bid with all supporting documents as mentioned in the Tender.</p>
23	II	9	A.2	BEC Technical	<p>The bidder or his proposed supplier of Turbine Flow Meter shall have designed, manufactured, tested and supplied the Turbine Flow Meter of similar type / model, size and pressure class rating (or higher) as being offered, within the last seven (7) years reckoned from bid due date:</p> <p>The meter (8 nos.) supplied by SAGE ASSOCIATES are for Non Fiscal Application Only and the Meter to be supplied as per your present Tender will be for Custody Transfer Application:</p> <p>Model for the same will be Model: TFM-TRZ2 & EVC Model: EK 205 or Similar.</p> <p>These Models will also be supplied from HONEYWELL Elster GERMANY Factory.</p>	<p>The bidder is requested to submit the bid with all supporting documents as mentioned in the Tender.</p>
24	-	-	-	-	<p>We confirm to comply Bid all your points as mentioned with the exception that the Purchase Orders which we have received are for TURBINE Flow Meters for NON-Fiscal Applications i.e.: not for custody transfer but the Meters which we are going to offer against your above mentioned Tender will be Offer with necessary TURBINE Flow Meter for CUSTODY TRANSFER Application along with compatible Electronic Volume Corrector</p>	<p>The bidder is requested to submit the bid with all supporting documents as mentioned in the Tender.</p>
25	-	-	-	-	<p>We now request you to extend The Tender submission date from 22-08-2024 to 10-09-2024 which will help us to participate in your valued Tender.</p>	<p>BDD Extended (Refer Corrigendum No. 1)</p>

- 4) **All other terms & conditions of the tender document remain unchanged.**
- 5) **All participating bidders are requested to submit/upload the seal & signed copy of this Pre-bid MOM along with un-priced bid as their acceptance.**