

REPLY TO PREBID QUERIES DATED: 04.09.2025							
SUPPLY OF COMMERCIAL DIAPHRAGM GAS METER AND REGULATOR AT AMBALA-KURUKSHETRA AND KOLHAPUR GA							
TENDER NO. HOGPL/2025-26/C&P/016 DATE: 22.08.2025							
Commercial Volume							
Sr No	Page No	Tender Item	Tender Details			Queries	Reply from Customer
1	4 of 72	Delivery Period	LOT no.	Proportion of Ordered Quantity to be Delivered	From the date of FOA	1 month from LOI shall be very short delivery as we need to get the EIC technical approval and TPI along with Manufacturing. Requesting to keep the delivery period for 1st as 8-10 weeks.	Refer Corrigendum 1
			PART A & PART B: DELIVERY AT AMBALA-KURUKSHETRA GA				
			1	50% of the total SOR quantity against each line item.	To be delivered within 01(One) Month for the date of LOI/PO.		
			2	Remaining 50% of the ordered SOR quantity.	To be supplied within 03 months from the date of intimation or as instructed by EIC.		
2	8 of 17	Datasheet of Regulator (Part A)	Accuracy AC & Lock up SG : AC 5% & SG 10%			For the dual stage regulators(outlet pressure upto 500 mbar), request you to accept AC10 & SG 20% For the 1 bar outlet pressure we will provide AC5% & SG10%	Acceptable
3	8 of 17	Datasheet of Regulator (Part A)	Inlet Pressure : 0.5- 6 bar Outlet Pressure : 500 mbar			For 500 mbar commercial regulator required minimum inlet pressure is 1 barg. Please accept.	Acceptable
4	SOR	Line Item : 1.8	Inlet Pressure : 0.5- 6 bar Outlet Pressure : 1 mbar			For 1 bar outlet commercial regulator required minimum inlet pressure is 2 barg. Please accept. For that bidder has to follow part C datasheet. Please confirm.	Acceptable
5	10 of 17	Datasheet of Regulator (Part C)	Accuracy AC & Lock up SG : AC 10% & SG 20%			For the 1 bar outlet pressure AC5% & SG10% instead of AC 10% & SG 20%. Please Confirm	Acceptable
6		QAP				Please provide the QAP	QAP will be provided after vendor finalization.
7	4 of 72	Delivery Schedule	DELIVERY SCHEDULE:			We would like to inform you that the item under procurement, i.e., Commercial Gas Meter. These meters are manufactured in Europe and require significant production lead time along with international shipping duration. In view of the above, we request IRMEL to kindly consider and accept a delivery period of 16–20 weeks from the date of Purchase Order to ensure timely and compliant supply. we request HPOIL to kindly accept the proposed delivery schedule.	Refer Corrigendum 1
			LOT no.	Proportion of Ordered Quantity to be Delivered	From the date of FOA		
			PART A & PART B: DELIVERY AT AMBALA-KURUKSHETRA GA				
			1	50% of the total SOR quantity against each line item.	To be delivered within 01(One) Month for the date of LOI/PO.		
	25 of 72	Comparison of Prices	2	Remaining 50% of the ordered SOR quantity.	To be supplied within 03 months from the date of intimation or as instructed by EIC.	As per EN 1359 standards, diaphragm gas meters are designed for a maximum operating pressure of 0.5 bar. Based on our understanding, no manufacturer produces a Commercial Diaphragm Gas Meter G10 with 1 bar rating. We request HPOIL to kindly separate this line item from the overall evaluation process. This will ensure fair competition and enable bidders to submit more competitive offers for the remaining items.	Refer Corrigendum 1
			Evaluation shall be carried out on Part wise basis (i.e. Part A, B & C shall be evaluated separately) to arrive at the lowest evaluated cost to Purchaser.				
9	4 of 72	Delivery Schedule	Part A & C: To be delivered within 01(One) Month for the date of LOI/PO.			Bidder requesting to kindly extend delivery period from 01(One) Month to 12-14 weeks.	Refer Corrigendum 1

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10	6 of 72	Bidder Evaluation Criteria (BEC)	In case of non-availability of completion certificate /execution certificate towards supply then the bidder must furnish Invoices along with Inspection Release Note or Dispatch Clearance Note having reference of PO/WO/LOA/ Contract (i.e. PO No. & date) and also the Goods receipt voucher (GRV) against supply duly authorized from End user to establish proof of supply, against respective PO/WO/Call up order to meet BEC along with, commissioning certificate to be furnished from end user.	Bidder requesting to accept PO+IRN+DCN issued by customer or PMC as many customer does not provide GRV.	Bidder to provide Proof of Payment/Payment Advice issued by client or owner in such case.
11	7,8 of 72	Bidder Evaluation Criteria (BEC)	b) Indian Manufacturer of Gas Regulator should have valid approval from W&M India for the proposed Gas Regulator for Model approval, Manufacturing, Sales & Services and foreign manufacturers should have valid Model approval along with import licenses from W&M India.	Bidder understands that this clause is applicable for commercial meter bidder's and not for commercial regulator bidder's as this relates to the Legal Metrology Act, 2009, and rules governing the approval of models for weighing and measuring instruments and regulator is not weighing or measuring instrument. Kindly confirm that our understanding is correct.	Bidders understanding is correct.
12	46 of 72	Price Reduction Schedule (PRS)	@ 0.5% of the total contract value for every week or part thereof of the delay, subject to maximum of 5% of the total contract value.	Please confirm whether Delay Discount will be applicable on whole Release Order value or on undelivered material value and not on contract value.	Bidder to refer clause no. 10.0 of Section V of Commercial Volume. PRS shall be applicable on Total contract value
13	7,8 of 72	Bidder Evaluation Criteria (BEC)	Bidder shall offer product of only one manufacturer of Gas Regulator and similarly one manufacturer can offer product through only one bidder.	We understand that One Bidder can represent one OEM only and Bidder has to submit the Past Supply Reference of same OEM as per BEC Criteria, kindly confirm our understanding is correct.	Bidders Understanding is correct.
Technical Volume					
14	2 of 17	Material Requisition	Commercial Diaphragm Gas Meter G10 (1bar) wall mounted with adapter	As per EN 1359 standards, diaphragm gas meters are designed for a maximum operating pressure of 0.5 bar. Based on our understanding, no manufacturer produces a Commercial Diaphragm Gas Meter G10 with 1 bar rating. We request HPOIL to kindly separate this line item from the overall evaluation process. This will ensure fair competition and enable bidders to submit more competitive offers for the remaining items.	Refer Corrigendum 1
15	6 of 17	Inspection Plan	Testing & Inspection shall be carried out as per the Technical Specifications of HPOIL GAS/its TPI& EN1359 / OIML / MID for Natural gas meters at the works of the manufacturer as preapproved QAP.	We understand that the TPIA is in the scope of HPOIL. However, we would like to clarify that the requirement is for Commercial Gas Meters, which, to the best of our knowledge, are not currently manufactured in India. These meters are manufactured in Europe, and all functional tests, including 100% accuracy tests, are conducted at the overseas manufacturing facility in compliance with EN1359. In view of the above, we request HPOIL to kindly confirm acceptance of Third-Party Inspection (TPI) as per the approved Quality Assurance Plan (QAP) under the following approach: <ul style="list-style-type: none"> • 100% functional and accuracy tests will be conducted at the manufacturing facility. • Relevant test documents will be submitted to HPOIL for review. • Based on the review of these documents, dispatch clearance may be granted by HPOIL. Requesting HPOIL to kindly confirm acceptance of the same.	TPIA inspection is in the scope of Bidder However, bidder to propose list of Approved TPIA, from which the owner shall choose 1 TPIA for inspection.

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16	16 of 17	Technical Specifications Accuracy	Class1.5 [Qmin to 0.1Qmax±3%, 0.1 Qmax to Qmax±1.5%]	<p>We would like to inform you that, as per standard CGD practice and global norms, calibration and accuracy testing is not performed at 0.1 Qmax, as this point marks the transition of the permissible error curve from ±1.5% to ±3%, according to metrological standards.</p> <p>Testing at 0.1 Qmax does not provide meaningful accuracy data and is not used internationally for calibration purposes. Instead, the next logical and stable test point, 0.2 Qmax, is universally accepted and followed by all accredited metrology laboratories.</p> <p>In view of the above, we request HPOIL to kindly consider the following flow rates for Calibration and Accuracy Testing:</p> <p>Qmin, 0.2 Qmax, and Qmax</p>	Acceptable
17	17 of 17	Technical Specifications Max. Allowable pressure drop	3 mbar or as per EN-1359:2006 (or latest)	<p>We would like to inform you that as per EN 1359:2017, the pressure drop for diaphragm gas meters should be:</p> <ul style="list-style-type: none"> - Less than 2 mbar for meters up to G10 rating - Less than 3 mbar for meters above G10 rating <p>These parameters are in accordance with international standard EN 1359:2017 and widely accepted by CGD entities across India.</p> <p>Requesting HPOIL to kindly accept the same.</p>	Acceptable
18	17 of 17	Technical Specifications End Connections (Two- pipe version)	1"NPT (M) inlet and outlet confirming to ANSI B1.20.1 (In case the end connection size are differing, bidder to provide suitable adapters of Brass to meet the specified end connections)	<p>As per global industry practice for commercial diaphragm gas meters, ISO 228 threaded connections in mild steel material are widely used and accepted. The typical connection sizes used across global markets are as follows:</p> <ul style="list-style-type: none"> • G6 – 1¼" ISO 228 connection • G10 – 1¼" or 2" ISO 228 connection • G25 – 2½" ISO 228 connection <p>We request HPOIL to kindly confirm acceptance of the above-mentioned ISO 228 standard threaded end connections for the respective meter sizes.</p>	In case of end connection size are differing bidder to provide suitable adapters, fittings, etc. of Brass as per IS:319 of approved quality to meet the specified end connections.
19	7 of 17	Technical Specifications CI No. 9.0 (Part A)	Inlet Pressure: 0.5 to 6 bar(g)	<p>Minimum inlet pressure 0.5 Barg requirement for regulator with outlet pressure 300 mbar (g) which is very difficult to achieve.</p> <p>Bidder requesting to accept the minimum inlet pressure of 1 bar(g) as double stage regulator with need minimum 500-700 mbar DP to work with accuracy.</p>	Tender condition shall prevail
20	7 of 17	Technical Specifications CI No. 9.0 (Part A)	Inlet Pressure: 0.5 to 6 bar(g)	<p>Minimum inlet pressure 0.5 Barg requirement for regulator with outlet pressure 500 mbar (g) which is practically impossible.</p> <p>Bidder requesting to accept the minimum inlet pressure of 1.5 bar(g) as double stage regulator with need minimum 500-700 mbar DP to work with accuracy.</p>	Tender condition shall prevail

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21	8 of 17	Technical Specifications CI No. 9.0 (Part A)	OPSO, UPSO, CRV for 300 mbar: OPSO: 400 mbar(g) UPSO: 100 mbar(g) CRV: 360 mbar(g)	Please confirm the acceptance of below mentioned set ranges as per the industry standard for 300 mbar OPSO: 379-419 mbarg UPSO: 180-210 mbarg CRV : 348-378 mbarg	Tender condition shall prevail
22	8 of 17	Technical Specifications CI No. 9.0 (Part A)	OPSO, UPSO, CRV for 500 mbar: OPSO: 750 mbar(g) UPSO: 100 mbar(g) CRV: 560 mbar(g)	Please confirm the acceptance of below mentioned set ranges as per the industry standard for 500 mbar OPSO: 635-695 mbarg UPSO: 305-345 mbarg CRV : 585-625 mbarg	Tender condition shall prevail
23	8 of 17	Technical Specifications CI No. 9.0 (Part A)	End Connections for 500 mbar regulators: 1" NPT (Female loose nut with suitable washers) inlet and 1" NPT (Female loose nut with suitable washers) outlet confirming to ANSIB1.20.1	Bidder requesting to accept 1" NPT (Female loose nut) X 1 1/2" NPT (Female loose nut) to cater the desired outlet pressure & Flow Capacity.	In case of end connection size are differing bidder to provide suitable adaptors, fittings, etc. of Brass as per IS:319 of approved quality to meet the specified end connections.
24	8 of 17	Technical Specifications CI No. 9.0 (Part A)	Accuracy Class (%): AC 5/ RG 5 complying to EN 334 (or) Equivalent Closing (lockup) pressure: SG 10 complying to EN 334 (or) Equivalent	As these are low pressure regulators bidder requesting to kindly accept AC10 and SG20 as per EN334 / EN88-2. Also all Indian / Global manufacturers are providing such regulators with AC10 only.	Acceptable
25	8 of 17	Technical Specifications CI No. 9.0 (Part A)	Casing and Body of Die cast aluminium/ Ductile Iron/ steel conforming to ASTM A216 WCB and water-weatherproof IP 65 / corrosion resistant for outdoor installation.	IP 65 is applicable for the electrical equipment and also it is for the enclosure provided with the equipment. As the body is itself part of the regulator IP 65 is not required. However, the regulator water-weatherproof & corrosion resistant for outdoor installation.	Tender condition shall prevail
26	7 of 17	Technical Specifications CI No. 9.0 (Part A)	Design: Direct acting spring control pressure regulator with in-built two stage or single stage pressure reducing valve type balance regulating unit to ensure a constant outlet pressure and with pressure slam shut device for insufficient downstream pressure & relief valve.	As these are high pressure regulators, bidder requesting to consider only single stage regulator for 1 Bar regulators.	Acceptable
27	12 of 17	Technical Specifications CI No. 9.0 (Part C)	Regulator Outlet Setpoint: 1-2 bar(g)	Please confirm the acceptance of set point of 1 bar.	Acceptable
28	10 of 17	Technical Specifications CI No. 9.0 (Part C)	OPSO, UPSO, CRV for 1 bar	Please confirm the acceptance of below mentioned set ranges as per the industry standard for 1 bar OPSO: 1.55-1.75 barg UPSO: 0.6-0.8 barg CRV : 1.3-1.5 barg	Acceptable
29	10 of 17	Technical Specifications CI No. 9.0 (Part C)	Body Material: Die-Cast Aluminium alloy or ASTM A216 WCB or Spheroidal graphite cast iron as per standard EN 334 confirming water - weather proof IP 65 & corrosion resistant for outdoor installation for a lifespan 20 years.	IP 65 is applicable for the electrical equipment and also it is for the enclosure provided with the equipment. As the body is itself part of the regulator IP 65 is not required. However, the regulator water-weatherproof & corrosion resistant for outdoor installation.	Tender condition shall prevail
30	12 of 17	Technical Specifications CI No. 9.0 (Part C)	The regulator shall be a double-stage pressure regulator.	The Design specification provided on Page NO 10 of 17 and on Note 10 are contradictory, the regulators with outlet pressure of 1-2 bar are always Single Stage only hence please confirm the acceptance of Single Stage Regulator only.	Acceptable
31	12 of 17	Technical Specifications CI No. 9.0 (Part C)	Accessories: Filter (inbuilt or a separate strainer of 20 micron), manual reset with lever, relief valve (integrated automatic) and plastic end caps for end connections protection.	Please confirm the acceptance of Only Inbuilt Filter as external filter will increase the length of installation, leakage point and regular cleaning of filter which is unnecessary cost addition to HPOIL.	Acceptable

Seal & Signature of Bidder