

REPLY TO PRE BID QUERIES 2 DATED: 24.03.2025				
TENDER FOR SUPPLY OF DOMESTIC DIAPHRAGM GAS METERS AT KOLHAPUR GA				
HOGPL/2024-25/C&P/022 DATE: 11-03-2025				
Sl. No.	Ref Clause No.	Ref Clause Description	Bidders Query	HOGPL Reply
1	Section I INSTRUCTIONS TO BIDDERS (ITB) CI No 9.8	MSEs (Micro & Small Enterprises) are exempted from submission of EMD in accordance with the provisions of PPP-2012 and Clause 40 of ITB. However, Traders/Dealers/Distributors/Stockiest /Wholesaler are not entitled for exemption of EMD. the government Departments/ PSUs are also exempted from the payment of EMD.	The notification S.O.4926 (E) dated 18.10.2022. is applicable to the upward change took place in the status of Udyam Registered enterprises only for availing the benefits of the schemes as per the policy or guidelines, not on erstwhile Udyog Aadhaar Memorandum (UAM). Public sectors CGD's in have already implemented the same in the tender. Requested to consider EMD exemption for the bidders who are re-classified as Medium' enterprise from their earlier status as 'Micro' or 'Small' enterprise in Udyam registration certificate	Bidder's Understanding is correct.
2	Data Sheet Cl. No. 23	End Connections: 3/4"MPTM at both inlet and outlet conforming to ANSI B1.20.1.	We understand that requirement is for ½"NPTM at both inlet and outlet conforming to ANSI B1.20.1. Please confirm.	Refer Corrigendum#1
3	MATERIAL SPECIFICATION Cl. No. 5	MATERIALS Vendor shall use suitable material parts, provide proper surface finish, hardness and clearances, wherever possibilities of galling exists. For corrosion service, the material selected shall be in compliance with the requirements of NACE MR-0175 / ISO-15156 latest editions.	These standards are used for Materials with H2S-containing environments in oil and gas production. The product should be in compliance with BS EN 1359: 2017 standard. Kindly confirm	Bidder is requested to refer clause no. 19 of "DATA SHEET FOR DOMESTIC DIAPHRAGM METER TYPE-G 1.6", Body casing shall be Steel/Aluminum alloy with suitable coating on inside and outside for corrosion protection of casing. Body casing shall comply with requirements of EN 1359:2017 or latest editions.
4	4. TECHNICAL REQUIREMENTS	Meter shall be provided with a device in the outlet to prevent reverse flow. Overflow protection device (Restriction Orifice) shall be provided at the downstream of the meter. Material of construction of restriction orifice shall be PTFE and shall be suitable for natural gas application.	We understand that as meter required is Mechanical G1.6 Diaphragm Gas Meter, so restriction orifice should not be there. Please confirm.	Refer Corrigendum#1
5	4. TECHNICAL REQUIREMENTS	a.Vendor shall provide brass adaptor with 3/4" (NPT) inlet/outlet connection. Washer shall be of PTFE material of construction and provided along with restriction orifice. b. Meters shall be provided with brass adaptors with free loose nut & PTFE washer (2mm) for converting the port size for inlet / outlet end connection.	As our proposed meter will have ½"NPT – inlet & outlet connection, so we understand that adaptor is not required in such case. Please confirm.	Provided 3/4"NPTM is provided, which shall fit with fittings(including low pressure regulator) of same size without requirement of any additional brass adaptors, bidder's understanding is correct
7	MATERIAL SPECIFICATION 5.MATERIALS	a. Material of construction of meter casing shall be either steel or die-cast aluminum with suitable coating on inside and outside for corrosion protection of casing in line with the applicable governing standards. b. For corrosion service, the material selected shall be in compliance with the requirements of NACE MR-0175 / ISO-15156 latest editions	2-separate material has been mentioned in tender; our proposed meter will comply with A). It is of steel with suitable coating on inside and outside for corrosion protection of casing in line with EN1359:2017(latest standard). Please confirm.	Refer Corrigendum#1
8	4. TECHNICAL REQUIREMENTS	ATEX Marking shall comply with Directive 94/9/EC for the certified electrical/electronic device or module.	We understand that as meter required is Mechanical Diaphragm G1.6 Gas Meter, so ATEX Marking would not be applicable. Please confirm.	Bidder's understanding is correct.
9	MATERIAL SPECIFICATION 3. DESIGN CRITERIA	3.3 EMC COMPLIANCE All gas meters and accessories shall be immune to Radio Frequency Interference (RFI) and Electromagnetic Interference (EMI). The design and installation of all electrical / electronic equipment shall meet the RFI/EMI requirements according to IEC 61000, emission (IEC61000-6-4) and immunity (IEC-61000-6-2) requirements for an industrial environment.	EMC compliance is applicable for the product with Electronics. The scope is for supply of Mechanical Gas Meter, Bidder understand that this clause is not applicable. Kindly confirm.	Refer Corrigendum#1
10	MATERIAL SPECIFICATION 3. DESIGN CRITERIA	3.3 EMC COMPLIANCE All gas meters and accessories shall be immune to Radio Frequency Interference (RFI) and Electromagnetic Interference (EMI). The design and installation of all electrical / electronic equipment shall meet the RFI/EMI requirements according to IEC 61000, emission (IEC61000-6-4) and immunity (IEC-61000-6-2) requirements for an industrial environment.	We understand that as meter required is Mechanical Gas Meter, so EMC would not be applicable. Please confirm.	Refer Corrigendum#1
11	MATERIAL SPECIFICATION 3. DESIGN CRITERIA	3.4 HAZARDOUS AREA CLASSIFICATION Gas meters shall be certified for use in designated areas when installed in hazardous area classified zones as per IEC 60079.	Hazardous area Classification is applicable for the product with Electronics. The scope is for supply of Mechanical Gas Meter, Bidder understand that this clause is not applicable. Kindly confirm.	Bidder's understanding is correct
12	MATERIAL SPECIFICATION 3. DESIGN CRITERIA	3.4 HAZARDOUS AREA CLASSIFICATION Gas meters shall be certified for use in designated areas when installed in hazardous area classified zones as per IEC 60079.	We understand that as meter required is Mechanical Gas Meter, so Hazardous Area Classification would not be applicable. Please confirm.	Bidder's understanding is correct
13	MATERIAL SPECIFICATION 4. TECHNICAL REQUIREMENTS	(Restriction Orifice) shall be provided at the downstream of the meter. Material of construction of restriction orifice shall be PTFE and shall be suitable for natural gas application.	Bidder understand that the supply is for mechanical gas meter and Restriction orifice is not applicable. Kindly confirm	Refer Corrigendum#1

14	MATERIAL SPECIFICATION 10. MARKING, PACKING & SHIPMENT	The calibration certificates of each item shall be enclosed within the package box.	We understand that Calibration Certificate has to be send along with Packing details, please confirm.	Bidder's understanding is correct. However, soft copies of Calibration certificate shall be shared with HPOIL as per tender terms & conditions.
15	MATERIAL SPECIFICATION 8. INSPECTION & TESTING	Vendor shall submit the test certificates to the Company for the tests conducted during the manufacturing process hazardous area certification test and calibration test.	We understand that as meter required is Mechanical Diaphragm G1.6 Gas Meter, so hazardous area certification is not required, please confirm.	Refer Corrigendum#1
16	MATERIAL SPECIFICATION 8. INSPECTION & TESTING	The Supplier shall provide calibration certificate and accuracy at MAOP of the diaphragm meter for the following flow rates: QMIN 0.1QMAX QMAX	As per BSEN 1359 the applicable standard for Gas Meter. The calibration of the meter is done at working pressure and leakage test is done at MAOP as per the standard. We request to allow the calibration as per the BS EN 1359 standard.	Calibration shall be carried out as per requirements of EN 1359:2017 or latest editions at the flow as rates defined in the tender.
17	MATERIAL SPECIFICATION 8. INSPECTION & TESTING	The Supplier shall provide calibration certificate and accuracy at MAOP of the diaphragm meter for the following flow rates: QMIN 0.1QMAX QMAX	As per the standard and industry practice the accuracy testing is being done at operating pressure (20 to 30mBar) and not at MAOP, whereas leak testing will be done at 1.5 times of MAOP - Max allowable operating pressure (0.5 bar X 1.5= 0.75 bar), Pl. Accept.	Calibration shall be carried out as per requirements of EN 1359:2017 or latest editions at the flow rates as defined in the tender.
18	MATERIAL SPECIFICATION 8. INSPECTION & TESTING	8.1 VISUAL INSPECTION Verify that all terminals for interconnecting wiring between units are accessible for connecting and checking. Terminal blocks should be numbered and where 2 or more are present, should have block identification. Interconnecting cables shall be colour coded or numbered. All electrical wiring shall be checked for continuity and insulation test.	We understand that requirement is for Mechanical Diaphragm G1.6 Diaphragm Gas Meter, so there would be no wiring, cables, terminal blocks. This would not be applicable, please confirm.	Bidder's understanding is correct.
19	DATA SHEET FOR DOMESTIC DIAPHRAGM METER TYPE- G 1.6 SL NO.22	Connection Orientation: 80% LHS + 20% RHS	Bidder understand that as per this clause the supply of 2400Nos will be LHS meters and 600 Nos will be RHS meters.	Refer Corrigendum#1
20		Make In India In-line with vision of GOI (Government of India)	We understand now India has sufficient manufacturers for the required product, we request IGL to promote and prefer only meters manufactured locally and support towards Indian economy by reducing the imports. This is also supported by DPIIT in several Govt./PSU tenders	Tender conditions shall prevail

Signature & Seal of Bidder