



**REPLY TO BIDDER'S PRE-BID QUERIES
TENDER FOR SUPPLY OF METER REGULATING STATION (MRS) FOR CITY GAS DISTRIBUTION PROJECT AT
AMBALA-KURUKSHETRA GA OF HARYANA AND KOLHAPUR GA OF MAHARASHTRA**

TENDER NO. -: HOGPL/PRC/2022/003

**Pre-bid meeting held on : 18.07.2022
Date: 30.07.2022**



ENERGISING QUALITY

Sl. No.	Reference & Clause No.	Subject	Bidder's Query / Clarification	HOGPL / VCS Reply
COMMERCIAL				
1	Clause 9.0 of IFB Bidder Evaluation Criteria Commercial Vol I of II Page No. 13 of 84	The bidder should have designed, fabricated, integrated, tested, & supplied of packaged Meter Regulating Station (MRS)/ District Regulating station (DRS)/ Pressure Regulating station (PRS) for Natural Gas services equal or higher flow rate, pressure rating and quantity against respective flow capacity with at least two Work Order/Purchase Orders in the last Five (05) years reckoned from the bid due date as mentioned in below table:	Please confirm that design, fabrication, integration testing, & supply of packaged industrial metering skid for Natural Gas services equal or higher flow rate, pressure rating and quantity against respective flow capacity in the last Five (05) years reckoned from the bid due date can also be considered against this criteria.	The bidder should have designed, fabricated, integrated, tested, & supplied of pressure regulating skid like Meter Regulating Station (MRS)/ District Regulating station (DRS)/ Pressure Regulating station (PRS) for Natural Gas services equal or higher flow rate, pressure rating and quantity as mentioned in BEC.
2	Clause 9.0 of IFB Bidder Evaluation Criteria Commercial Vol I of II Page No. 13 of 84	The bidder should have designed, fabricated, integrated, tested, & supplied of packaged Meter Regulating Station (MRS)/ District Regulating station (DRS)/ Pressure Regulating station (PRS) for Natural Gas services equal or higher flow rate, pressure rating and quantity against respective flow capacity with at least two Work Order/Purchase Orders in the last Five (05) years reckoned from the bid due date as mentioned in below table:	Please allow time period of 10 years instead of 5 years	Tender Conditions shall prevail.
3	Clause 5.0 of IFB Delivery Location & Schedule Commercial Vol I of II Page No. 11 of 84	FOR SINGLE STREAM MRS (Item Sl. No. 1,2, 3,4,5,6 and 7 of Part-A and Part-B) 1. 50% of the Quantity to be delivered within 12 weeks from the date of Purchase Order. HOGPL will communicate the breakup along with the Purchase Order. 2. Balance 50% within 12 weeks from the date of intimation. FOR DUAL STREAM MRS (Item Sl. No. 8 of Part-A and Part-B) Quantity to be delivered within 12 weeks from the date of Intimation.	We request you to please accept delivery in 14 to 16 weeks.	1st Lot it will be 12 weeks 2nd lot will be 16 weeks
4	Clause 32.3 of ITB Comparison of Prices Commercial Vol I of II Page No. 32 of 84	Comparison of Prices: Bidder to quote for full quantity for quoted Item(s). Bid with part quantity shall be liable for rejection.	We understand that, we can bid against all Sr.No/ line item wise or specific item/Sr.No in SOR, but for full qty. Please Confirm.	Bidder understanding is correct.
5	Clause 9.0 of IFB Bidder Evaluation Criteria Commercial Vol I of II Page No. 13 of 84	The bidder should have designed, fabricated, integrated, tested, & supplied of packaged Meter Regulating Station (MRS)/ District Regulating station (DRS)/ Pressure Regulating station (PRS) for Natural Gas services equal or higher flow rate, pressure rating and quantity against respective flow capacity with at least two Work Order/Purchase Orders in the last Five (05) years reckoned from the bid due date as mentioned in below table:	We understand that, we need to supply all BEC qty in at least two Order/Purchase Orders in the last Five (05) years reckoned from the bid due date as mentioned in below table.	Bidder understanding is correct.
6	TREDS	TReDS scheme is launched for the as TReDS is an institutional mechanism set up in order to facilitate the trade receivable financing of MSMEs from corporate buyers through multiple financiers. Now a days, new tenders of CGDs like Gail Gas etc.. Having this clauses.	TReDS will provide better way for deling the payment terms and provide more align for the best prices which provide benefit to both as they allow vendors for bill discounting and reduce the lower payment terms.	Tender Conditions shall prevail.



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7	Clause 7.0 of SCC Payment terms Commercial Vol I of II Page No. 54 of 84	Payment Terms	We request HOGPL to accept 90% against supply, 10% against commissioning OR within 30 days of supply.	10% "against commissioning" or "within 30 days of supply against submission of BG of Equivalent amount"
8	Clause 5.0 of IFB Delivery Location & Schedule Commercial Vol I of II Page No. 11 of 84	FOR SINGLE STREAM MRS (Item Sl. No. 1,2, 3,4,5,6 and 7 of Part-A and Part-B) 50% of the Quantity to be delivered within 12 weeks from the date of Purchase Order. HOGPL will communicate the breakup along with the Purchase Order. Balance 50% within 12 weeks from the date of intimation. FOR DUAL STREAM MRS (Item Sl. No. 8 of Part-A and Part-B) Quantity to be delivered within 12 weeks from the date of Intimation.	We request HOGPL to accept 16 weeks of delivery from date of PO and intimation as most of the long lead items (including meter, EVC, Ball Valves, PRV etc) 12-14 weeks to delivery to us.	Tender Conditions shall prevail.



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TECHNICAL

1	Clause 9.0 of IFB Commercial Volume I of II . BIDDER EVALUATION CRITERIA (BEC) 9.1.1 Pg No. 13 of 84	The bidder should have designed, fabricated, integrated, tested, & supplied of packaged Meter Regulating Station (MRS)/ District Regulating station (DRS)/ Pressure Regulating station (PRS) for Natural Gas services equal or higher flow rate, pressure rating and quantity against respective flow capacity with at least two Work Order/Purchase Orders in the last Five (05) years reckoned from the bid due date as mentioned in below table:	Please confirm that design, fabrication, integration testing, & supply of packaged industrial metering skid for Natural Gas services equal or higher flow rate, pressure rating and quantity against respective flow capacity in the last Five (05) years reckoned from the bid due date can also be considered against this criteria.	Bidder should have designed, fabricated, integrated, tested, & supplied of Pressure Regulating Skid along with Metering facility like Meter Regulating Station (MRS)/ District Regulating station (DRS)/ Pressure Regulating station (PRS) for Natural Gas services equal or higher flow rate, pressure rating and quantity as mentioned in BEC. Design, Fabrication, Integration, Testing, & Supply of skid having only metering facility is not acceptable to meet the BEC criteria.
2	Clause 4.12 Technical Vol II of II Pg No. 14 of 670	Signal and power redundancy to be provided	Pl elaborate the requirement of signal and redundancy	Requirement of signal and redundancy have been removed from MR. Refer Annexure-2 of Corrigendum-2
3	P&ID Pg No. 21 of 670	10. VELOCITY: a) UPSTREAM FILTRATION VELOCITY SHALL BE 18M/SEC MAXIMUM. b) DOWN STREAM FILTRATION VELOCITY SHALL BE 30M/SEC MAXIMUM.	We understand that velocity in upstream shall be less than 20 m/s before filtration and less than 30 m/s after filtration as per PNGRB T4S guidelines. Pl confirm	Confirmed. However minimum Pipe Line sizes will be as indicated in P&ID.
4	P&ID Technical Vol II of II Pg No. 21 of 670	SSV OPEN / CLOSED INDICATION SHALL BE AVAILABLE IN METERING EVC.	This is not DRS and industrial metering skid, we believe that SSV position would be easily identified by the user and will also be know once gas is not flowing. Hence we request HOGPL to remove the SSV indication in Metering EVC as it would lead to extra cost and limitation in choosing EVCs	Refer revised SOR (Rev -01) and Annexure-1 of Corrigendum-2
5	P&ID Technical Vol II of II Pg No. 21 of 670	Regulation	We understand that only PRV and SSV is required. No Active Monitor configuration is required being an MRS with Inlet Pressure of 4 barG	Follow P&ID. For single Stream MRS Monitor PCV is not required.
6	P&ID Technical Vol II of II Pg No. 21 of 670	Wall Mounted Skid P&ID	Please confirm if filter bypass is required as it would lead to heavy structure to mount on wall.	Filter By-Pass Deleted. Refer Annexure-1 of Corrigendum-2
7	P&ID Technical Vol II of II Pg No. 21 of 670	Wall Mounted Skid P&ID	Please confirm if bidder can use the direct operated PRVs in case of wall mounted skids as pilot operated valves are heavy and would be difficult to mount.	Both direct and pilot pressure regulator are acceptable for wall mounted skid only.
8	P&ID Technical Vol II of II Pg No. 21 of 670	TGs (All P&IDs)	Since, differential pressure across the skid is very less (not more than 2.5 bar), Temperature would not be dropped and hence we request HOGPL to remove the same from the skid. Also, EVC is measuring the temperature and shows the same on display. It can suffice the TG requirement.	TG to be installed at the downstream
9	P&ID Technical Vol II of II Pg No. 21 of 670	CRV	We understand that Creep relief valve shall have flow rate of 1% of capacity as per PNGRB T4S guidelines. Hence, It is not a safety relief valve. Kindly confirm	Your understanding is correct.
10	P&ID Technical Vol II of II Pg No. 21 of 670	Vent, Drain, DPG sensing & PRV Sensing size 3/4"	Since skid flowrate is less, please allow 1/2" size of vent and drain in skid in place of 3/4"	Follow P&ID.



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11	P&ID Technical Vol II of II Pg No. 23 of 670	Extra / Excess Ball Valves	We see BVs before filter, after filter and before meter are in excess and would not help in equipment isolation as skid is single stream. Any of the isolation in BV will lead to skid shutdown only. Hence request HOGPL to remove the same as it will only add cost.	Revised P&ID already included in the Corrigendum-2.
12	P&ID Technical Vol II of II Pg No. 23 of 670	Pressure Safety Valve on Filter	Since the pressure in the inlet of MRS is only 4 bar and will not increase over 6 bar as pressure is provided through MDPE line, we believe PSV over the filter will not be useful. Please consider request to remove the same.	Follow P&ID. PSV is for Fire Case only.
13	P&ID Technical Vol II of II Pg No. 23 of 670	Vent Lines in PRV downstream	We see 3 Different vent lines in downstream of PRV with below line number. 1"-P-15HLT-1030 1"-P-15HLT-1031 1"-P-15HLT-1032 We request HOGPL to keep only 1 vent line.	Vent Line Downstream of Meter is required to check the meter during commissioning stage.
14	Technical Vol II of II Pg No. 62 of 670	RPD Meter Datasheet	We provide HF meters having EVC integral with RPD Meter which has battery life of 15 years (considering HF pulses) and provides high rangeability upto 1:200. It helps to sense the minimum flow consumption of customer. Kindly accept. Make is already in the AVL.	Integral EVC with RPD meter is accepted but RPD meter shall have provision of Either LF or HF pulse to communicate with EVC. Refer Annexure-3 of Corrigendum-2
15	Technical Vol II of II Pg No. 63 of 670	EVC should be supplied with single SIM GSM/GPRS modem. Modem shall be powered by EVC battery.	Modem always have separate battery than EVC as EVC has dedicated battery for volume correction purpose. There are very few supplier of EVC which supplies EVC with builtin Modem having fixed time dialling facility . We understand that HOGPL like to have data at their go. We have separate battery operated zone 0 certified AMR which can provide below data. Please accept. Following data are required from all meters: - Parameters 1. Uncorrected volume; 2. Corrected volume; 3. Yesterday's corrected volume (6:00AM to 6:00AM); 4. Total corrected volume; 5. Time/Date. - Reports 1. Daily report 2. Daily exception report; 3. Zero consumption report on daily basis 4. The software shall be capable of generating trends, alarms and graphics List of Alarm	Single sim GSM/GPRS modem is required as per tender datasheet of EVC. If modem is not the integral part of the EVC and mounted externally, Power supply to the modem through separate battery shall be arranged by bidder and modem along with battery enclosure shall be intrinsically safe and explosion proof with ATEX certified. AMR is not required.
16	Technical Vol II of II Pg No. 249 of 670	Filter separator datasheet	type of filter element mentioned here is coalescer while P&ID says dry gas filter. Pl confirm.	Coalescer Filter is applicable and suitable for dry gas.
17	Technical Vol II of II Pg No. 633 of 670	AVL - 19.0 DRY GAS FILTER & FILTER SEPARATOR	We have supplied filters to Many CGDs of 300# / 150# from Inel Gas Controls Pvt Ltd. If required, We can share PTR. Please approve	Bidder to submit PTR during detail engineering for approval



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18	Technical Vol II of II Pg No.662 of 670	AVL - Pressure Safety Valve	Please accept Nirmal Make Pressure Satey Valve. PTR can be shared. We have supplied many number of Valves to CGDs.	Nirmal Make Pressure Safety Valve is accepted.
19	Technical Vol II of II Pg No.231 of 670	Datasheet of Ball Valves	We undersand that ball Valves upto 4" will be floating type. 6" and above shall be trunnion mounted. Pl confirm.	Bidder understanding is not Correct. All Ball valve 2" & above shall be trunnion Mounted . Bidder to Comply Tender Requirements
20	Technical Vol II of II Pg No.564 of 670	QAP - Ball Valves, Regulators, Safety Valves (Equipment)	NDT & Impact test on casting valves has been asked in QAP. We request HOGPL to remove the requirement as it will require long delivery as all other test are already made to check the quality.	Tender Conditions shall prevail.
21	Technical Vol II of II DataSheet Page No. 57 of 670	SLAM SHUT Off Valve- Datasheet no. 6	The Slam shut off valve is separate as per P&ID. We like to ask that is the regulators with in-build SSV is acceptable.	Slam Shut and Active PCV are separate. Follow P&ID.
22	Technical Vol II of II Clause 4.0 Pg No. 149 of 670	TECHNICAL REQUIREMENTS: Regulator shall be double stage pilot pressure loading. The regulators shall be provided with built-in slam shut off device having over and under pressure shut-off.	Some of the skids have low flows but the required regulators are pilot operated. These flows can be managed by direct operated regulators also. We request to consider our request to accept direct operated regulators for these flows.	Direct and pilot both pressure regulator are acceptable for wall mounted skid only.