



Vadodara Gas Limited
Replies to Bidder's Queries

SUBJECT: Procurement of Commercial Smart Meter on ARC Basis for a Period of 02 Years.

TENDER NO.: VGL/CO/C&P-PNG/BD202504P211 Dated 14/08/2025 & **TENDER ID:** 205447.

Sl. No.	Subject	Bidder's Query	VGL's Reply																		
1	The Bidder must be manufacturer or authorized supplier / distributor of manufacturer for Commercial Gas Smart Meter with AMR	We request VGL to kindly relax the eligibility criteria. Bidders with experience in supplying smart gas meters may also be allowed to participate. This will encourage wider participation, better competition, and more competitive pricing for VGL.	Tender Condition Prevails																		
2	Bidder's Eligibility Criteria (BEC)	We request VGL not to limit eligibility only to the specified minimum meter quantities (G4–13 Nos., G6–25 Nos., G10–13 Nos., G16–13 Nos., G25–13 Nos.). Instead, VGL may consider bidders who have supplied at least 80% of the BOQ quantity of smart gas meters and have them in successful operation, to also be eligible.	Tender Condition Prevails																		
3	<div>The bidder must have supplied a minimum of below mentioned quantities to an established CGD company or other hydrocarbon industries under a single order in the last seven years reckoned from due date of bid opening.</div> <table><tr><th>Sl. No.</th><th>Description</th><th>Minimum Qty. for BEC Qualification</th></tr><tr><td>1</td><td>G 4</td><td>13 Nos.</td></tr><tr><td>2</td><td>G 6</td><td>25 Nos.</td></tr><tr><td>3</td><td>G 10</td><td>13 Nos.</td></tr><tr><td>4</td><td>G 16</td><td>13 Nos.</td></tr><tr><td>5</td><td>G 25</td><td>13 Nos.</td></tr></table>	Sl. No.	Description	Minimum Qty. for BEC Qualification	1	G 4	13 Nos.	2	G 6	25 Nos.	3	G 10	13 Nos.	4	G 16	13 Nos.	5	G 25	13 Nos.	<div>As per standard practice in the City Gas Distribution (CGD) industry, past experience of supply of higher size Gas Meters is accepted, provided that the cumulative quantity supplied is equal to or greater than the tender requirement. This demonstrates proven capability in handling larger capacity meters.</div> <div>We request VGL to kindly accept and consider past experience of supply of higher size Gas Meters in the required quantity as valid experience for meeting the eligibility criteria.</div>	Tender Condition Prevails
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4	<div>100 % payment within 60 Days of raising the invoice for the supplied material along with all taxes & charges will be paid on submission of following documents:</div> <div>1. Invoice in compliance with GST law in force and purchase order no. 2. Test Certificates from Govt. Authorized Lab 3. Inspection Release note/ Third Party Inspection (TPI) Clearance Certificate 4. Acceptance Copy of ARC & Part Purchase Order (if any) 5. Original GR/ LR 6. Packaging List 7. Warrantee/ Guarantee Certificate 8. CPBG against security Deposit. If already submitted copy of the same. 9. Letter of undertaking for providing data hosting for period of 05 years on non-judicial Stamp Paper.</div>	<div>As per standard CGD industry practice, the standard payment terms are as follows: 100% payment within 30 days from the date of submission of invoice for supplied material along with all applicable taxes & charges, subject to submission of the following documents:</div> <div>1. Invoice in compliance with GST law in force and purchase order no. 2. Test Certificates from Govt. Authorized Lab 3. Inspection Release note/ Third Party Inspection (TPI) Clearance Certificate 4. Acceptance Copy of ARC & Part Purchase Order (if any) 5. Original GR/ LR 6. Packaging List 7. Warrantee/ Guarantee Certificate 8. CPBG against security Deposit. If already submitted copy of the same. 9. Letter of undertaking for providing data hosting for period of 5 years on non-judicial Stamp Paper.</div> <div>We kindly request VGL to accept the above standard payment terms in line with prevailing CGD industry practice.</div>	Tender Condition Prevails																		
5	Delivery Period	The Delivery Period shall be 12 Weeks from the date of award of any Part Purchase Order.	Tender Condition Prevails																		



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6	Guarantee/Warranty	The manufacturer shall provide guarantee for material, workmanship and the performance for a period of 12 months from the date of commissioning or 24 months from the date of dispatch whichever is earlier. Any defects noticed during guarantee period should be rectified replaced free of cost. Where replacement is involved, to and fro freight charges etc. will be your account. The replaced item should have a guarantee of six months from date of replacement or the remaining period of main guarantee, whichever is later. This should be specifically dealt with in your offer.	Tender Condition Prevails
7	Inspection	Vadodara Gas Limited reserves the right to engage their own personnel and or VGL's inspection agency. All the charges towards all kinds of tests shall be included in the quoted rates. No additional payment to this effect will be made. The charges towards VGL's Inspection Agency, if engaged, shall be borne by VGL.	Tender Condition Prevails
8	Technical Specification	Meter reading counters and housing assembly should be tampered proof should be break open type and attempt to tamper with the counters/ housing assembly should lead to stoppage of gas flow through the meter or break open the meter body.	Tender Condition Prevails
9	Technical Specification	Meters should be designed to display the corrected reading in SCM (Standard Cubic Meters) or should be equipped with the required provisions for the same.	Refer Clause no. (D) of Scope of supply and Technical Specification
10	Datasheet for Smart Gas Meters	Pressure Drop: - G4: 2 mbar G6: 2 mbar G10: 2 mbar G16: 2 mbar G25: 2 mbar	Tender Condition Prevails
11	Datasheet for Smart Gas Meters	Accuracy: - ±3% (Qmin to 0.1 Qmax) ±1.5% (0.1 Qmax to Qmax)	Tender Condition Prevails
12	Datasheet for Smart Gas Meters	8-Digit mechanical indexes – Units in m³. Index shall be provided with sealing arrangement to avoid tampering.	Tender Condition Prevails
13	Datasheet for Smart Gas Meters	Back-run Alarm: Meter Should Generate Alarm on Web- Application in case of tampering or back flow condition.	Tender Condition Prevails
14	Datasheet for Smart Gas Meters	End Connections: G6 to G25: 1" BSPT (Threaded) Inlet and Outlet Connection. (In case the end connections are differing, bidder to provide suitable adapters of Brass to meet the specified end connections)	End Connections: G6 to G25: 1" BSPT (Threaded) Inlet and Outlet Connection.
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16	Datasheet for Smart Gas Meters	The meters quoted should be supplied with inbuilt AMR solution and GPRS module with SIM cards for uploading the meter data into cloud server. SIM cards for GPRS module shall be supplied by the Bidder's.	Yes.
17	Meters should be SMART METERS having Automatic Meter Reading (AMR) facility based on GSM/GPRS technology and reading data should be accessible on Cloud with secure login credentials.	Request to include NBIoT Technology also for communication, as this is the latest one.	Confirmed



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18	Data Sheet for Smart Gas Meter – Back Run Alarm - Meter Should Generate Alarm on Web- Application in case of tampering or back flow condition.	Proposed Meter has in-built mechanism to prevent back flow run, so that is no need for Bark run alarm. Please accept.	Tender Condition Prevails																																				
19	<div>Data Sheet for Smart Gas Meters<table><tr><th>Sl. No.</th><th>Meter Type</th><th>Min / Max. Flow (At Actual Conditions)</th><th>Centre to Centre Distance</th><th>Design Pressure</th><th>Pressure Drop</th></tr><tr><td>1.</td><td>G-4</td><td>Min. Flow: 0.04 SCMH Max. Flow: 6 SCMH</td><td>Vendor to Specify</td><td>500 mbar</td><td>Less than 2 mbar</td></tr><tr><td>2.</td><td>G-6</td><td>Min. Flow: 0.06SCMH Max. Flow:10SCMH</td><td>Vendor to Specify</td><td>500 mbar</td><td>Less than 2 mbar</td></tr><tr><td>3.</td><td>G-10</td><td>Min. Flow: 0.10SCMH Max. Flow:16SCMH</td><td>Vendor to Specify</td><td>500 mbar</td><td>Less than 2 mbar</td></tr><tr><td>4.</td><td>G-16</td><td>Min. Flow: 0.16SCMH Max. Flow:25SCMH</td><td>Vendor to Specify</td><td>500 mbar</td><td>Less than 2 mbar</td></tr><tr><td>5.</td><td>G-25</td><td>Min. Flow: 0.25SCMH Max. Flow:40SCMH</td><td>Vendor to Specify</td><td>500 mbar</td><td>Less than 2 mbar</td></tr></table></div>	Sl. No.	Meter Type	Min / Max. Flow (At Actual Conditions)	Centre to Centre Distance	Design Pressure	Pressure Drop	1.	G-4	Min. Flow: 0.04 SCMH Max. Flow: 6 SCMH	Vendor to Specify	500 mbar	Less than 2 mbar	2.	G-6	Min. Flow: 0.06SCMH Max. Flow:10SCMH	Vendor to Specify	500 mbar	Less than 2 mbar	3.	G-10	Min. Flow: 0.10SCMH Max. Flow:16SCMH	Vendor to Specify	500 mbar	Less than 2 mbar	4.	G-16	Min. Flow: 0.16SCMH Max. Flow:25SCMH	Vendor to Specify	500 mbar	Less than 2 mbar	5.	G-25	Min. Flow: 0.25SCMH Max. Flow:40SCMH	Vendor to Specify	500 mbar	Less than 2 mbar	As per BS EN 1359 Clause -5.2 pressure absorption/pressure drop for meter higher than Max. Flue of 16scmh, max. Permissible value for Pressure b sorption/drop should be less than 3mbar. We request you to please accept the same.	Tender Condition Prevails
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20	Data Sheet for Smart Gas Meter – Back Run Alarm - Meter Should Generate Alarm on Web- Application in case of tampering or back flow condition.	Proposed Meter has in-built mechanism to prevent back flow run, so that is no need for Bark run alarm. Please accept.	Tender Condition Prevails																																				
21	Data Sheet for Smart Gas Meter –Environment Protection - Mechanical Environment M2 & Electronic Environment E2	Request to accept - Mechanical Environment M1 & Electronic Environment E1.	Tender Condition Prevails																																				
22	Data Sheet for Smart Gas Meter –Volume Correction - Volume correction is required and should be automatically calculated by the meter and uploaded by the AMR to the server.	Volume Correction can be provided with RPD Meters with EVC. For Diaphragm Smart Meter please accept without volume correction. Please accept.	Tender Condition Prevails																																				
23	Additional Points – Meter shall be provided with Automatic Meter Reading (AMR) and reading shall be in standard cubic meter (SCM) at standard base temperature of 15 deg C& base pressure of 1.01325 bar.	Proposed Diaphragm Gas Meter with AMR will show reading in SCM, but as it doesn't have volume correction so, there would be no consideration of Temperature. Please accept.	Tender Condition Prevails																																				
24	AMR Requirements (If Not Inbuilt) • AMR system shall be compliant for Zone-1 • PESO/CCOE Nagpur certification shall be provided.	In Proposed model, as AMR is not in direct contact with Gas, so Zone-1 would not be applicable. We will offer AMR with Zone-2 compliance, please accept. b) PESO is applied for commercial Meter, will submit before delivery of meters.	Tender Condition Prevails																																				
25	AMR Requirements (If Not Inbuilt) AMR to be lithium battery operated and the self-life of the battery should be at least 8 years from the date of installation.	To achieve better life from Battery, we propose to use Lithium-Ion Battery. Please accept.	Tender Condition Prevails																																				
26	Point No. 16 Detailed Scope of Services Reading: Bidder to upload the meter reading data every day at 6am to VGL's dash-board.	Request to please have time slot of min. 3~4 Hr's, as if there is any malfunctioning of communication signals, data can be received in next hour. Propose to have a time slot from 4:00 AM to 8:00AM. Please accept.	Tender Condition Prevails																																				
27	Earnest Money Deposit/Bid Security	We request VGL to provide exemption to bidders whose registered with NSIC/MSME under its single point registration scheme.	Tender Condition Prevails																																				
28	Repair license	We understand that Bidder has to submit W&M repair licence along with Bid, please confirm	Confirmed																																				



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29	The bidder must have supplied a minimum of below mentioned quantities to an established CGD company or other hydrocarbon industries under a single order in the last seven years reckoned from due date of bid opening.		As per standard practice in the City Gas Distribution (CGD) industry, past experience of supply of higher size Gas Meters is accepted, provided that the cumulative quantity supplied is equal to or greater than the tender requirement. This demonstrates proven capability in handling larger capacity meters. We request VGL to kindly accept and consider past experience of supply of higher size Gas Meters in the required quantity as valid experience for meeting the eligibility criteria.	Tender Condition Prevails	
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5	G 25	13 Nos.			
30	MID Certificates		We understand that MID Module D & MID Module B certificates are mandatory for smart meters	Confirmed	
31	PESO Certificates		We understand that PESO certificates are mandatory for smart meters	Refer Technical Specification	
32			We Request VGL to Please Confirm that optical port or any local communication port is mandatory to fetch the data locally from the meter if meter fails to send data AMR due to network issue at site.	Confirmed	
33	End Connections		Please specify End connections for G4 smart Meter	1” BSPT (Threaded) Inlet and Outlet Connection.	
34	Cloud & Data Hosting Service		We Request VGL to confirm that data hosting service should be done on cloud server in India.	Tender Condition Prevails	
35	For Electronic meters, LED display (6+3 digits) is Acceptable.		We understand that VGL require single display for the smart meter and diaphragm meter. As there is discrepancy between the both meters can create problems to commercial CNG Customer.	Confirmed	
36	Maintain hourly logs of gas consumption of each meter i.e., 24 logs per day for each meter, upload to VGL dashboard once in a day and store historical data for at least 6 months in BIDDER’s cloud server.		We understand that smart meter should have capacity to store the hourly and daily consumption data in its memory. Please confirm the amount of data to be stored in meter memory. We offer MeterSit Meter with data Storage up to 72 days for hourly and daily readings.	Tender Condition Prevails	
37	GPRS based smart meter		We request VGL to accept both GPRS & NB-IOT communication technology as both technologies are similar and require zero intervention for getting readings from site. Please note that NB-IOT is also SIM based communication technology provided by service providers like Jio & Airtel similar to GPRS	Confirmed	

Note: This Replies to Bidder's Queries as uploaded on n-Procure & VGL's Website. Please upload the same duly Sign and Seal with Techno-Commercial Bid as this is an Integral Part of the Tender.