



Vadodara Gas Limited
Replies to Bidder's Queries

SUBJECT: Hiring the Services for Supply & Implementation of GIS Based Asset Management System for Vadodara GA for a Period of 03 Years.

TENDER NO.: VGL/CO/C&P-PNG/BD202606S337 Dated 17/09/2026 & **TENDER ID:** 345535.

Sl. No.	Sec. No.	Page No.	Clause No.	Subject	Bidder's Query	VGL's Reply
1	-	-	Sl. No, 3, Note, Bidder's Eligibility Criteria Page No. 14	Joint Venture (JV) / Consortium association for bidding is not allowed.	We request the Authority to kindly allow Joint Venture/Consortium participation for this assignment, considering the scope and technical requirements of the project.	Tender conditions shall prevail.
2	-	-	Sl. No, 1.3, Technical Criteria Page No. 13	The bidder should have successfully completed at least One Project of Enterprise Web GIS Development & Implementation (including supply, installation, testing & commissioning of COTS (Customized Off the Shelf) of GIS Software including Survey and Mapping of Steel/MDPE Pipeline for any Public Sector Oil & Gas / City Gas Distribution under Single Work Order having appropriate value as per following table in last 7 (Seven) years reckoned from bid due date.	We request the authority to change the clause as: The bidder should have successfully completed at least One Project of Enterprise Web GIS Development & Implementation (including supply, installation, testing & commissioning of COTS (Customized Off the Shelf) of GIS Software including Survey and Mapping for any Public Sector Oil & Gas / City Gas Distribution / Urban Local Bodies / Smart Cities / Water Supply / Sewerage / Power / Telecom / Infrastructure / Underground Utility Mapping projects under Single Work Order having appropriate value as per following table in last 7 (Seven) years reckoned from bid due date.	Tender conditions shall prevail.



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				<table><tr><th>Work Order Quantity</th><th>Work Order Value for each work order</th></tr><tr><td>03 Nos. of Work Order</td><td>₹ 2.54 Cr.</td></tr><tr><td colspan="2">OR</td></tr><tr><td>02 Nos. of Work Order</td><td>₹ 3.05 Cr.</td></tr><tr><td colspan="2">OR</td></tr><tr><td>01 No. of Work Order</td><td>₹ 5.09 Cr.</td></tr></table>	Work Order Quantity	Work Order Value for each work order	03 Nos. of Work Order	₹ 2.54 Cr.	OR		02 Nos. of Work Order	₹ 3.05 Cr.	OR		01 No. of Work Order	₹ 5.09 Cr.	<table><tr><th>Work Order Quantity</th><th>Work Order Value for each work order</th></tr><tr><td>03 Nos. of Work Order</td><td>₹1.5 Cr.</td></tr><tr><td colspan="2">OR</td></tr><tr><td>02 Nos. of Work Order</td><td>₹ 3.0 Cr.</td></tr><tr><td colspan="2">OR</td></tr><tr><td>01 No. of Work Order</td><td>₹ 4.5 Cr.</td></tr></table>	Work Order Quantity	Work Order Value for each work order	03 Nos. of Work Order	₹1.5 Cr.	OR		02 Nos. of Work Order	₹ 3.0 Cr.	OR		01 No. of Work Order	₹ 4.5 Cr.	
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3	-	-	Sl. No, 1.4, Technical Criteria Page No. 13	The Bidder should have completed GIS Based Survey & Mapping using 0.3m /0.4m /0.5m high resolution Satellite Imageries, Land Base creation through Total Station / DGPS, Detection (induction / GPR) & Geo – Mapping of underground assets etc.) for any City Gas Distribution under Single Work Order for not less than 150 Sq. Km in last 7 (Seven) years reckoned from bid due date.	We request the authority to change the clause as: The Bidder should have completed GIS Based Survey & Mapping using 0.3m / 0.4m / 0.5m high resolution Satellite Imageries, Land Base creation through Total Station / DGPS, Detection (Induction / GPR) & Geo-Mapping of underground assets etc. for City Gas Distribution / Urban Local Bodies / Smart Cities / Water Supply / Sewerage / Power / Telecom / Infrastructure / Underground Utility Mapping projects, under a Single Work Order for not less than 150 Sq. Km in the last 7 (Seven) years	Tender conditions shall prevail.																								



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					reckoned from the bid due date.	
4	-	-	Sl. No, 1.5, Technical Criteria Page No. 13	Bidder should have completed GIS Based Survey & Mapping for Steel and MDPE for any Oil & Gas Pipeline / City Gas Distribution for minimum length of 1500 Km under Single Order in last 7 (Seven) years reckoned from bid due date.	We request the authority to change the clause as: Bidder should have completed GIS Based Survey & Mapping for any Oil & Gas Pipeline / City Gas Distribution / Urban Local Bodies / Smart Cities / Water Supply / Sewerage / Power / Telecom / Infrastructure / Underground Utility Mapping projects for minimum length of 1500 Km or 300 Sq. Kms. under Single Order in last 7 (Seven) years reckoned from bid due date.	Tender conditions shall prevail.
5	Section – II Bidder's Eligibility Criteria [BEC]	17	3.1.3.B1. 3.1.3.B2.	3.1.3.B1. Project Manager / Team Leader on regular payroll having experience of more than 10 years for at least 03 Nos. – 10 Marks 3.1.3.B2. GIS Experts / Database Specialists on regular payroll having experience of more than 05 years for at least 03 Nos – 10 Marks 3.1.3.B3. Survey Engineers / Field Team Specialists on regular payroll having experience of more than 02 years for at least 10 Nos – 10 Marks	As per general practice, we understand that the bidder needs to submit the proof of the employment of the Key personnel with the firm such as copy of EPF/ TDS document along the CV's. Kindly clarify	Bidder shall submit CV's along with the supporting documents like Qualification certificate, IDs and EPF/TDS copy
6	Section – II Bidder's	20	3.1.7. Mandatory Documents	• Completion Certificates from Client/ authorized PMC. • CVs of Key Personnel along with Educational Qualification		



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	Eligibility Criteria [BEC]			Certificates & Experience Certificates.		
7	Section – V Scope of Work	35	Sl.no. 1	ESRI ARCGIS PERPETUAL LICENSE WITH 03 YEARS WARRANTY 1. ArcGIS Professional Plus: 1 No. 2. ArcGIS Enterprise Advance: 1 No.	We understand that the ArcGIS License shall be in the name of “Vadodara Gas Limited”. Kindly confirm.	ArcGIS License shall be in the name of “Vadodara Gas Limited”
8	Section – V Scope of Work	35	Sl.no. 1	ESRI ARCGIS PERPETUAL LICENSE WITH 03 YEARS WARRANTY 1. ArcGIS Professional Plus: 1 No. 2. ArcGIS Enterprise Advance: 1 No.	As per the scope of work, bidder needs to supply ESRI ArcGIS perpetual license with 03 years warranty Kindly clarify whether bidder needs to submit the MAF (Manufacturer Authorization) from the Original supplier (OEM) of the GIS software platform to ensure uninterrupted support and warranty for the supplied GIS software products? This practice is being followed in other similar kind of projects. Kindly clarify	Bidder must submit MAF (Manufacturer Authorization) from the OEM for ESRI ARCGIS software along with their Technical Bid.
9	Section – V Scope of Work	2	2.1.2.1	2. Features of GIS Solution 2.1.2.1. Should be able to get Integrated with other enterprise systems such as Customer Relationship Management (CRM)	We understand that 1. Any such integration will be by means of APIs 2. Bidder will have to create/consume APIs at proposed GIS web application	External system APIs/driver shall be provided by VGL for integration with other VGL enterprise systems if necessary.



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				or Enterprise Resource Planning (ERP) systems using industry-standard software 2.1.2.2. Should be able to get integrated with Network Analysis software SynerGEE	end 3. External system APIs/driver etc. will be made available by M/s. VGL Kindly confirm/clarify	
10	Section – V Scope of Work	14	2.2.14.27.3	2. Features of GIS Solution 2.2.14.27.3. Gas disruption report: Generate reports with snapshots of the locations and addresses of affected customers, and export them and distribute them by email and SMS	Our understanding is that, Email/SMS gateway/API, as needed to implement this will be made available by M/s. VGL. Kindly clarify	Agreed
11	Section – VIII Schedule of Rates [SOR]	149	C). (i) and (ii)	C). (i). Server ProLiant DL380 G10(HP) – 1 No. Qty: 2 Nos. C). (ii). HP Z4 Xeon Based Tower Workstation (02Nos.) Qty: 3 Nos.	As per the technical specifications at Page-35 Sl.no 2 & 3 under Section-V scope of work, we understand that the Bidder is required to supply two (2) nos. of HP ProLiant DL380 Gen10 Servers and three (3) nos. of HP Z4 Xeon-Based Tower Workstations. Please confirm	Quantity shall be read as: (i). Server ProLiant DL380 G10(HP) – 2 Nos. (ii). HP Z4 Xeon Based Tower Workstation: 3 Nos
12	Section – V Scope of	35	Sl.no. 2 and 3	Technical Specification Of On-Premise Based Dedicated Gis Server's/ Software Hardware	We understand that Domain, SSL and IP Address, as needed for installation/hosting the complete system will be made available by	Agreed



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	Work				M/s. VGL Kindly confirm	
13	Section – V Scope of Work	51	6.3	6.3 Providing Facility Management Services (FMS) by deploying 01 No. of Senior GIS Engineer ...	We understand that the scope of work under this FMS item shall be limited to activities mentioned under Clause:6.3 and do not involve any modifications/addition to features/functionality in the web based GIS application implemented during initial 06 Months development period. Kindly Clarify.	Modification/ additions in the features/ functionalities of Web GIS Application if any shall be carried out within the initial 6 months before Go-live.
14	Section – V Scope of Work	43	2. Category 1	Create the geometric Network of all the pipeline network elements based on the rules.	Geometric Network is the legacy/ old model which is nearing the end of the life. Hence VGL is requested to consider equivalent modern utility network models that meet or exceed the functional requirements specified in the RFP,	Agreed.
15	-	-	BEC page 14	Bidder should own minimum following instrument /equipment.. DGPS – 10 Nos	Request to reduce ownership to 3 DGPS.	Tender conditions shall prevail.
16	-	-	Page 1, SOW – part A	1.3.4. Desktop development training 1.3.5. Web development training 1.3.6. Mobile development training Database administration training	These are trainings given to software developers. Request for clarification on this requirement.	Bidder shall provide training on the operation of the Web based GIS Application developed by the bidder.



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17	-	-	SOW Page 2: 2.1.2. Customization and integration	Should be able to get Integrated with other enterprise systems such as Customer Relationship Management (CRM) or Enterprise Resource Planning (ERP) systems using industry-standard software, Network Analysis software SynerGEE, VTS/IVMS, Crew Management, PIMS (Pipeline Integrity Management System), Cathodic Protection Simulation, GBR (Gas Balancing Report)	Are these Integrations to be done as a service by the vendor? Or are these features of the GIS software? If integrations are needed, request for Separate line items for each. Also expected integration schedule.	External system APIs/driver shall be provided by VGL for integration with other VGL enterprise systems if necessary.
18	-	-	SOW Page 6 2.1.11. Backup and recovery 2.1.11.1.	Backup and Recovery module for managing scheduled automatic backup and recovery operations of the database 2.1.11.2. System should administer the interim backup storage mechanism internally 2.1.11.3. Should provide facility of manual backup 2.1.11.4. Should provide facility of automated backup Should provide facility of	Is a third-party backup solution expected? Since incremental backups are not configurable in Database solutions. Request for a SOR line item for procurement of Enterprise backup solution like comvault etc.	It is up to the bidder to decide and provide the solution as per the RFP requirement.



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				incremental backup		
19	-	-	SOW Page 6. 2.2.1.6. Overlay open source satellite images	2.2.1.6. Overlay open source satellite images like (Google, Bing, Open Street Map etc.) on the VGL landbase and Gas network. Satellite image should update at regular interval to reflect latest changes on ground.	Since Google Earth Image API are subscription based, request for estimated number of instances expected per month. So that all bidders can estimate as per the expected quantities.	Tender conditions shall prevail.
20	-	-	SOW Page 9. 2.2.12. Network tracing:	Proper relationships shall be established in the database between the various elements. Further, hierarchical relationships should be established between various elements to link and group them at DRS upstream and downstream. It should be possible to change the hierarchical parent of any element i.e. any element along with all its children in a hierarchical relationship can be made child of any other element. The time of making such changes shall be tracked. This arrangement would enable alternate feed arrangements during outage conditions. The GIS products shall have extensive tracing functions that can address the following: 2.2.12.1. Network trace: Tracing	Since Network Analyst, Spatial Analyst extension is also needed. Request for the BOM of ESRI extensions needed. So that all bidders can do a fair estimate. It is mentioned under each of these features that "It should be possible to.". Are setting up these features to be developed and made functional as part of scope or the GIS software should have these capabilities to be done at a later stage only.	Tender conditions shall prevail.



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				all connected facilities through connectivity. For example, trace all facilities connected to a pipeline/valve, and trace facilities from a valve chamber. 2.2.13. Intelligent land base information management. 2.2.14. Intelligent Gas network information management, 2.2.14.20. Gas network analysis. 2.2.14.22. Alignment sheets and As-built drawings. 2.2.14.23. Load forecasting 2.2.14.24. Trend analysis 2.2.14.25. New connection feasibility. 2.2.14.26. Preventive Maintenance 2.2.14.27. Outage Management 2.2.14.27.3. Gas disruption report		
21	-	-	Page 15: 2.2.14.27.6.	Scheduling and reports for pipeline patrolling and viewing of patrolling reports	Is line patrolling software to be developed? with mobile App's? Request to know the number of mobile users. Request for separate SOR line item for this as this is a	Software platforms should have capability for future implementation
22	-	-	SOW Page	CNG-RO Dry out – System should generate report of CNG-RO dry	Is CNG LCV tracking solution to be developed in this SOW.? Request for	Software platforms should have capability



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			16: 2.2.14.27.22.	out regularly 2.2.14.27.23. Geo-fencing – CNG cascade carrying vehicle movement shall be tracked through geo-fencing.	approx. number of LCV's, MS and DBS stations, number of mobile users etc. Request for a separate line item in SOR as this is a complex solution.	for future implementation
23	-	-	SOW Page 16: 2.2.14.27.24.	Landbase comparison should allow comparing latest landbase with old landbase and shall notify any kind of benchmark changes.	Is GIS based change detection required to be developed? Or is this expected as a the GIS software capability for future implementation.	Software platforms should have capability for future implementation
24	-	-	SOW Page 28 Page 30: 2.5.5.2.	2.5. Core GIS functionalities – Required on Mobile The mobile client should include a GPS receiver to enable track recording and assist navigation. The GPS receiver should be able to identify current location in space and navigate to the destination location.	Request for detailed list of Mobile APP's needed and approx. number of Mobile Licenses (users). Is supply of GPS receiver in this scope? Request for device specs and number of devices needed?	Scope of work do not involve supply of GPS receivers. Bidder shall use highly accurate DGPS of 3mm accuracy for location mapping, etc.
25	-	-	SOW: Page 42	2. Category 1 - VGL would provide the following data (Field Survey not required) Below details shall be provided by VGL: 1. Pipe books in XLS 2. As built in Autocad/Pdf	Since pipebook will be provided, is it expected to plot all weld joints and their attributes on the GIS server?	Pipe book shall be used as a reference purpose to ensure the pipeline position is being mapped accurately as per the As-built AutoCAD



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				Coordinates of Pipeline & Features Contractor shall carry out Mapping of Legacy data with Landbase corridor along pipeline for Steel/MDPE		drawings and accordingly the pipeline attributes as per the schema needs to be uploaded to GIS Server.
26	-	-	BEC page 14	Bidder should own minimum following instrument /equipment.. DGPS – 10 Nos	Request to reduce ownership to 3 DGPS.	Tender conditions shall prevail.
27	-	-	Page 1, SOW – part A	1.3.7. Desktop development training 1.3.8. Web development training 1.3.9. Mobile development training Database administration training	These are trainings given to software developers. Request for clarification on this requirement.	Bidder shall provide training on the operation of the Web based GIS Application developed by the bidder.

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.