



Vadodara Gas Limited
Replies to Bidder's Queries

SUBJECT: Purchase of 02 Nos. 1200 SCMH Engine Driven Compressor with 05 Year AMC for New CNG Stations on ARC Basis.

TENDER NO.: VGL/CO/C&P-CNG/BD202608P367 Dated 11/09/2026 & **TENDER ID:** 344440.

Sl. No.	Sec. No	Page No.	Cause No.	Subject	Bidder's Query	VGL's Reply
1	Section – I Invitation for Bid [IFB]	10 of 159	2 (F)	Delivery Period: 04 Weeks	We understand that the delivery period is counted from the date of drawing approval by the EIC. However, this timeline is quite aggressive. We kindly request that the delivery period be revised from 4 weeks to 16 weeks.	Tender Condition Shall Prevails
2	Section – I Invitation for Bid [IFB]	10 of 159	2 (H)	Bid Security/ Earnest Money Deposit (EMD): ₹ 5,96,650.00	Please confirm the EMD amount as the amount of EMD mentioned in the NIT document is mentioned as EMD: ₹ 8,94,975.00.	The EMD Value is ₹ 5,96,650.00
3	Section – IV SPECIAL CONDITIONS OF CONTRACT [SCC]	79 of 159	15 (J)	In the event of delay in mobilizing the services/ manpower for the particular CNG compressor package a penalty at the rate of 0.5 % of the contract value per week or part thereof shall be recovered from the contractor subject to a maximum of 5% of the contract value.	Please note, maximum of 5 % of Lot quantity / Delivery order. Not on the total contract value. Kindly confirm the same.	Ok Noted.
4	Section – IV Special Conditions of Contract [SCC]	75 of 159	4.40	CNG Compressor package: The CNG compressor package includes the CNG compressor, all other associated equipment like Air Compressor, Air Volume bottle, Co2 Flooding System, Gas filter, Interconnecting pipes, UPS etc.	1) Please let us know Air compressor motor rating & it is flameproof or non-flameproof type. 2) Please confirm the Air receiver capacity. 3) Type of Air dryer required with the Air compressor.	1) Air compressor motor rating: - 7.5 KW - flameproof type. 2) Air receiver capacity.: - 1000 lt. 3) Air dryer: - As per the Capacity of Air Compressor
					1)CO2 cylinder number & capacity is not mentioned in Tender document. Let us know the No. of cylinders & each cylinder capacity. 2) Distance of CO2 flooding system from the Package.	1) CO2 cylinder number & capacity: - 2 Nos. CO2 cylinder, Capacity 75 kg. for Each Cylinder.
6	Section – IV Special Conditions of Contract [SCC]	80 of 159	20.0 (A)	$F = [G - \{(Q * D)\}] * H$ Where, F = Penalty in Rupees to be deducted from Operation & CAMC bill G = Monthly Vent/Leakage loss observed during Operation & CAMC period in KG Q = Vent / Leakage loss quoted in Percentage H = Cost of Natural Gas/Kg – ₹ 60/- per Kg D = Production of CNG during the month in Kg (Discharge Meter) considering	While taking measurements from the mass flow meters for gas loss calculations, the OEM-specified accuracy rate also needs to be considered. In this regard, the OEM of the mass flow meter, M/s. Emerson Process Management (India) Pvt. Ltd., has shared a confirmation letter confirming the same. The letter is attached herewith for your reference. Please accept the same	Tender Conditions shall Prevails
7	Section – V Scope of Work [SOW]	110 of 159	A	All Type of Cable (UPS, Panel, Instrument cable) with requires gland Supply, Laying, Testing & Termination of PCV Insulated PVC Sheathed etc. covered under the contractor scope.	Kindly provide the distances/cable length.	1. Compressor package (Panel & Instrument cable) to control/electrical room: - Approx. 70 Mt. 2. UPS DB to package distance for UPS supply to PLC panel: - Approx. 70 Mt.



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						3. ESD Locations and its distance from Package: - Approx. 60 Mt. 4. Air compressor to electrical room.: - Approx. 40 Mt. 5. CO2 Flooding system to compressor package: - Approx. 15 Mt.
8	SECTION – V SCOPE OF WORK [SOW]	111 of 159	C.1 e	C.1. CNG COMPRESSOR OPERATION: Observance of Safety Rules and Regulations prevalent in the Gas & Electrical based installations, specifically Compressed Natural Gas, Fire Drills, DCP operation, firefighting, and spreading awareness. Ensure Safety of Man and Machine at all the times.	Shall be done only for the Packages supplied by KPCL.	Ok Noted.
9	SECTION – V SCOPE OF WORK [SOW]	113 of 159	C.2 r	The contractor shall carry out Ultrasonic test (UT) of Pressure vessel on yearly basis.	The vessels are part of process equipment and are to be designed as per ASME Sec VIII. The process vessels have not been covered under Gas Cylinder Rules 2016 / Static and Mobile Pressure Vessels Rules. Retesting is carried out for only storage vessels like cascades. Only a thickness check will be carried out every year. Please note, hydro testing will be in scope of the Client, same is followed in all the CNG packages and with all the CGD companies.	Ok Noted. The Thickness (UT) test will be carried out every year by the supplier
10	Section – V Scope of Work [SOW]	113 of 159	C.2. COMPREHENSIVE MAINTENANCE(s)	The calibration of Compressor All Mass Flow meter shall be done once in a year through Mass Flow meter OEM or VGL approved agency. (Spare Mass Flow meter provided by contractor)	As per our understanding, the mass flow meter is to be provided while calibration of compressor during OEM and the Mass Flow meter is not supplied in spare with each compressor Package. Please confirm our understanding is correct.	Ok Noted, Mass Flow meter is not supplied in spare with each compressor Package.
11	SECTION – V SCOPE OF WORK [SOW] & TECHNICAL SPECIFICATION [TS]	156 of 159	10.2	d) Supply, Laying and commissioning of all required cables (i.e. main cable, instrument cable, air compressor cable, UPS cable, ESD cable etc.) with suitable glands.	Please let us know the distances of respective location.	1. Compressor package (Panel & Instrument cable) to control/electrical room: - Approx. 70 Mt. 2. UPS DB to package distance for UPS supply to PLC panel: - Approx. 70 Mt. 3. ESD Locations and its distance from Package: - Approx. 60 Mt. 4. Air compressor to electrical room.: - Approx. 40 Mt. 5. CO2 Flooding system to compressor package: - Approx. 15 Mt.
12	General			Transportations	Please note, one time transportation from factory to site or store will be considered. Our supply contract ends once the package is transported either at store or site. In case the package is supplied to Client's store, then excludes below scopes: 1. Loading onto the trailer from stores.	Tender Condition Shall Prevails



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					2. Transportation i.e from stores to site. 3. Unloading on site or nearby due to non-readiness of foundation. 4. In case of non-readiness of compressor foundation re-loading package from nearby to foundation after readiness.	
13	General			Cable	Request you to please share the distances below in order to enable us to consider cable costs: 1. Compressor package to control/electrical room 2. UPS DB to package distance for UPS supply to PLC panel 3. ESD Locations and its distance from Package 4. Air compressor to electrical room 5. CO2 Flooding system to compressor package	1. Compressor package (Panel & Instrument cable) to control/electrical room: - Approx. 70 Mt. 2. UPS DB to package distance for UPS supply to PLC panel: - Approx. 70 Mt. 3. ESD Locations and its distance from Package: - Approx. 60 Mt. 4. Air compressor to electrical room.: - Approx. 40 Mt. 5. CO2 Flooding system to compressor package: - Approx. 15 Mt.
14	Loading against Package Gas Loss:	38 of 149	13.7 A.	Loading against Fuel/Gas Consumption: $F = (G - Q) \times H \times I \times N$ Q = Lowest Gas consumption rate quoted in Kg/hr by any bidder or 30.075 Kg/hr (40 SCMH), whichever is higher	Please change the definition of Q as below to avoid inappropriate values: Q: Lowest Gas consumption rate quoted in Kg/hr by any bidder or 33 Kg/hr (44 SCMH), whichever is higher. Please note with increase in 1 kg/hr of additional fuel consumption will load approx. 39.42 lakhs on each package.	Tender Condition Shall Prevails
15	Loading against Package Gas Loss:	38 of 149	13.7 A.	Loading against Fuel/Gas Consumption: $F = (G - Q) \times H \times I \times N$	We are expressing concerns about the loading criteria based on running hours for 10 years (i.e., 65,700 hours). This is incorrect since the tender we are bidding for specifies a service period of 5 years. Therefore, the loading should be calculated for 5 years. To address this, we recommend using a discounting factor to calculate the Net Present Value (NPV) for the 5-year period. Using a discounting factor of 9% per annum Consequently, the running hours per year should be considered as 6,570 hours (18 hours/day * 365 days/year). Adopting the current 10-year criteria, it is difficult for bidder to participate. Please note with increase in 1 kg/hr of additional fuel consumption will load approx. 39.42 lakhs on each package.	Tender Condition Shall Prevails



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16	General	-	-	Air Compressor	Kindly confirm the motor rating, flameproof or non-flameproof type motor.	Air compressor motor rating: - 7.5 KW - flameproof type.
17	General	-	-	Mass Flow meter calibration	For mass flow meters, field calibration shall be carried out by bidder. FCRI calibration shall be in Client scope.	Ok Noted
18	General	-	-	Vendor List: Suction & Discharge Filter	Kindly accept KPCL & Filtration Technik	Ok Noted.
19	General	-	-	FLAME DETECTOR & GAS DETECTOR	Kindly accept Pollution Protection System	Ok Noted. However, bidder may be requested to submit the PESO Approval at the time of detailed engineering drawing approval.
20	GCC Goods VGL	17/24	26.1.1	26.1.1 Deductions shall apply as per following formula: In case of delay in delivery of equipment/materials or delay in completion, total contract price shall be reduced by ½ % (half percent) of the total contract price per complete week of delay or part thereof subject to a maximum of 5% (five percent) of the total contract price.	We request the Purchaser to kindly consider revising the Price Reduction Schedule (PRS) to 0.5% of the value of the undelivered Compressor Packages per week of delay or part thereof, subject to a maximum of 5% of the value of the undelivered Compressor Packages.	Ok Noted
21	Section-II Bidder's Eligibility Criteria [BEC]	13/159	Note: 3	3. Those bidders who have already supplied CNG Booster Compressor Packager to VGL in the past and their compressors are in successful operation & providing technical support for spares & services, their credentials can be considered beyond seven (7) years also for above mentioned criteria.	We understand that the bidders who have already supplied Online CNG reciprocating Gas Engine Driven compressor packages of 1200 SCMH to VGL in the past and their compressors are in successful operation & providing technical support for spares & services, their credentials can be considered beyond seven (7) years also for above mentioned criteria.	Ok Noted, kindly refer as follows: Note – 3.: Those bidders who have already supplied Gas Engine Driven Compressors to VGL in the past and their compressors are in successful operation & providing technical support for spares & services, their credentials can be considered beyond seven (7) years also for above mentioned criteria
22	Section-IV Special Conditions of Contract [SCC]	73/159	2	2.0 Delivery Schedule: 04 Weeks From the date of approved drawing by EIC.	We request purchaser to kindly consider revising the delivery period for 08 weeks from the date of approved drawing by EIC.	Tender Condition Shall Prevails
23	Section-IV Special Conditions of Contract [SCC]	79/159	16	16.0 PERIOD OF CONTRACT (For Operation and Maintenance): The period of the contract shall be valid for 60 (Sixty) Month reckoned from the commissioning of each Gas Engine Driven Compressor package.	We understand that Operation and Maintenance contract period shall be valid for 60 months from the date of Commissioning of Compressor Packages or 72 months from the date of Supply of Compressor Packages whichever is earlier. 1st year Operation and Maintenance charges shall be valid upto the 12 months from the date of commissioning or warranty period (24 months) from the date of supply of individual Compressor Packages, whichever is earlier. Subsequently, for 2nd/3rd/4th / 5th Year Operation and Maintenance rate shall be applicable.	Operation and Maintenance contract period shall be valid for 60 months from the date of Commissioning of Compressor Packages
24	Section-IV Special	79/159	16	16.0 PERIOD OF CONTRACT (For Operation and Maintenance): However, the period may be extended for another	We respectfully request the Purchaser to kindly consider mutually agreed for further extension	Tender Condition Shall Prevails



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	Conditions of Contract [SCC]			term of one year under the same terms and conditions with mutual consent subject to satisfactory performance and at sole discretion of VGL.	of additional one year Operation and Maintenance contract rate taking into account the anticipated escalation in costs due to future increases in the prices of raw materials, oil, copper and other major components. Furthermore, fluctuations in the USD-INR exchange rate may significantly impact the overall cost of providing O&M services during the extended period.	
25	Section – IV Special Conditions of Contract [SCC]	74-75/ 159	7	7.0 TERMS OF PAYMENT. 7.1 The payment shall be released by the owner against submission of monthly bills. The payment will become due and payable By VGL within 45 working days from the date of receipt of Contractor's bill/ invoice by VGL.	We request the purchaser to revise the Operation and Maintenance payment terms within 30 days against submission of monthly bills.	Tender Condition Shall Prevails
26	Section-IV Special Conditions of Contract [SCC]	89/159	25	25.0 CONTRACT CUM PERFORMANCE BANK GUARANTEE: After finalization of the Contract, whenever work order is issued by the Owner, CONTRACTOR shall furnish to the Owner within 30 (Thirty) days from the date of issue of work order, an unconditional Contract Performance Bank Guarantee from a nationalized/ scheduled bank of India or any international bank of repute having a branch in India for due Performance of the Contract for a sum equivalent to 03 % of Supply & 03 % of Service Contract Value. This Contract-cum-Performance Bank Guarantee shall be drawn in favour of the Owner and shall be initially valid for a period adequate to cover up to 90 days after end of defect liability period.	We request purchaser to accept Contract Performance Bank Guarantee @ 3 % of the Supply Value excluding GST in the form of Bank Guarantee / Insurance Surety Bond in favour of Vadodara Gas Limited. Please accord acceptance.	Tender Condition Shall Prevails
27	Section-IV Special Conditions of Contract [SCC]	89/159	25	25.0 CONTRACT CUM PERFORMANCE BANK GUARANTEE I. After finalization of the Contract, whenever work order is issued by the Owner, CONTRACTOR shall furnish to the Owner within 30 (Thirty) days from the date of issue of work order, an unconditional Contract Performance Bank Guarantee from a nationalized/ scheduled bank of India or any international bank of repute having a branch in India for due Performance of the Contract for a sum equivalent to 03 % of Supply & 03 % of Service Contract Value. This Contract-cum-Performance Bank Guarantee shall be drawn in favour of the Owner and shall be initially valid for a period adequate to cover up to 90 days after end of defect liability period.	We request purchaser to accept Contract Performance Bank Guarantee @ 3 % of annualized O&M value excluding GST in the form of Bank Guarantee / Insurance Surety Bond in favour of Vadodara Gas Limited. Please accord acceptance.	Tender Condition Shall Prevails
28	Section – VIII Schedule of Rates [SOR]	156/149	SOR (1.0)	Design, Engineering, Manufacturing, Supply including packaging and forwarding, insurance, custom clearance, handling, loading and unloading at port, delivery & unloading at Client's store /site of Skid mounted gas engine driven 1200 SCMH CNG Compressor Package with explosion proof electric & control panel having suction pressure of 17.5 kg/cm ² (g), inlet	We understand that the Bidder has to provide 7 bank Priority Panel with design suction pressure for Skid mounted Gas Engine Driven 1200 SCMH CNG Compressor Package shall be 16 kg/cm ² (g).	Ok Noted The compressor shall be capable of satisfactory performance over the complete suction pressure range of 16 to 19 kg/cm ² (g).



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				line pressure range of 14 – 49 kg/cm ² (g) (performance range 14 to 19 kg/cm ² (g) with discharge pressure 255 kg/cm ² (g) with 7 bank Priority panel . The package shall be inclusive of:	Kindly confirm.	
29	SOR	156/159	1.0 of SOR	Design, Engineering, Manufacturing, Supply including packaging and forwarding, insurance, custom clearance, handling, loading and unloading at port, delivery & unloading at Client's store /site of Skid mounted gas engine driven 1200 SCM ^H CNG Compressor Package with explosion proof electric & control panel having suction pressure of 17.5 kg/cm ² (g), inlet line pressure range of 14 – 49 kg/cm ² (g) (performance range 14 to 19 kg/cm ² (g) with discharge pressure 255 kg/cm ² (g) with 7 bank Priority panel.		
30	TECHNICAL SPECIFICATION FOR THE PROJECT SUPPLY OF GAS ENGINE DRIVEN CNG COMPRESSOR PACKAGES - 1200 SCM ^H	37/159	15	13.6 Compressor Capacity (As applicable for 1200 SCM^H) Bidder shall guarantee 1200 SCM/hr capacity (as the case may be) of compressor with design case gas composition, at suction pressure of 16 kg/cm²g, suction temperature of 35°C, discharge pressure of 255 kg/cm²g with the negative tolerance for errors in instruments and measurements. Since the compressor suction pressure varies from 14 kg/cm²g to 19 kg/cm²g the compressor shall be sized / selected for specified capacity of 1200 SCM^H at 16 kg/cm²g (with no -ve tolerance) whereas the driver shall be selected on the basis of compressor BkW with either 14 kg/cm²g or 19 kg/cm²g whichever is higher. For calculation purpose 1kg of CNG =1.33 SCM^H (Density considered as 0.7518 Kg/scm) The same shall be used to establish the capacity during package performance test at site.	We understand that the applicable design suction pressure for Skid mounted Gas Engine Driven 1200 SCM^H CNG Compressor Package shall be 16 kg/cm²(g), suction temperature of 35°C, discharge pressure of 255 kg/cm²g. Kindly confirm.	Considering the guaranteed parameter of compressor suction pressure shall be 16 kg/cm²(g). The compressor shall be capable of satisfactory performance over the complete suction pressure range of 16 to 19 kg/cm²(g).
31	ANNEXURE-I: GUARANTEED PARAMETERS	44/159	-	Compressor Capacity at suction pressure @ 16 kg/cm ² (g) (1200 SCM ^H) (basis for penalty)		
32	Section – V Scope of Work [SOW]	111/159	C.2 (d)	d. The maintenance team will assist any unplanned/emergency maintenance of equipment installed at CNG Station.	We understand that the maintenance team will assist with any unplanned/emergency maintenance of CNG Compressor package.	The maintenance team will assist any unplanned/emergency maintenance of other than compressor at CNG Station.
33				Bank Guarantee towards EMD & Contract Performance Security	We request purchaser to provide list of approved banks for issuance of Bank Guarantee towards EMD & Contract Performance Security.	All nationalized/ scheduled bank of India or any international bank of repute having a branch in India

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.