SUBJECT: Purchase of 03 Nos. 1200 SCMH Engine Driven Compressor with 05 Year AMC for new CNG stations on ARC Basis.

TENDER NO.: VGL/CO/C&P-CNG/BD202607P356 Dated 30/10/2026 & **TENDER ID:** 361282.

Sl. No.	Sec. No	Page No.	Cause No.	Subject	Bidder's Query	VGL's Reply
1	Section – I Invitation for Bid [IFB]	10 of 160	2 (F)	Delivery Period: 04 Weeks	We acknowledge that the delivery schedule commences upon approval of the drawings by the EIC. However, the proposed 4-week timeline is unfeasible given that procurement lead times for major components—such as the engine cooler—alone require approximately 15 weeks. In light of these constraints, we respectfully request that the delivery period be extended from 4 weeks to 16 weeks from the date of approval	Tender Conditions shall prevail
2	Section – II Bidder's Eligibility Criteria [BEC]	13 OF 160	2	The bidder shall have supplied to any CGD firm at least 1 No. of CNG Gas Engine Driven compressor packages of 1200 SCMH or higher capacity, with discharge pressure of 250 kg/cm2, from the proposed facility of manufacturing/ packaging in a single order in the previous seven (07) years reckoned from the tender issue/publish date.	We understand that the date considered for the previous seven (07) years reckoned from the tender issue/publish date is from Commercial / Tax invoice, kindly confirm the same.	Ok Noted
3	Section – IV SPECIAL CONDITIONS OF CONTRACT [SCC]	80 of 160	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. 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 undelivered compressor package.
4	Section – IV Special Conditions of Contract [SCC]	76 of 160	4.40	CNG Compressor package: The CNG compressor package include 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. 3 KW non fameproof type. 2. 1000 WL 3. Dessicant type
					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. 45 kg each 2. 2 Nos. Cylinder 3. 8 Mtr.
6	Section – IV Special Conditions of Contract [SCC]	81 of 160	13.8 (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	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.	Tender Conditions shall prevail

				H = Cost of Natural Gas/Kg – ₹ 60/- per Kg D = Production of CNG during the month in Kg (Discharge Meter) considering	Please accept the same	
7	Section – V Scope of Work [SOW]	111 of 160	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 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.
8	SECTION – V SCOPE OF WORK [SOW]	112 of 160	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]	114 of 160	C.2 r	The contractor shall carry out Ultrasonic test (UT) of Pressure vessel on yearly basis.	The vessels are part of a 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
10	Section – V Scope of Work [SOW]	114 of 160	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.	Mass flow meter calibration shall be done once in a year and Mass flow meter also provided by OEM on stant by basis during calibration process.
11	SECTION – VIII Schedule of Rates [SOR]	157 of 160	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 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	Tender Conditions shall prevail

					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. 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 below distances 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 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) x H x I x 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 Conditions shall Prevails
15	Loading against Package Gas Loss:	38 of 149	13.7 A.	Loading against Fuel/Gas Consumption: F = (G – Q) x H x I x 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 Conditions shall Prevails
16	General	-	-	Air Compressor	Kindly confirm the motor rating, flameproof or non-	3 KW non flameproof type.

					flameproof type motor.	
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	Tender Conditions shall Prevails
19	General	-	-	FLAME DETECTOR & GAS DETECTOR	Kindly accept Pollution Protection System	Bidder may be requested to submit the PESO Approval at the time of Bidding.
20	General			Pressure Gauge	Kindly accept Thermal Instrument	Tender Conditions shall Prevails
21	General			PLC	Kindly accept Schnieder and Rockwell	Ok Noted
22	General			Air Compressor	Kindly accept IR, BAC, Frank	Ok Noted
23	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. 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 undelivered compressor package.
24	Section-II Bidder's Eligibility Criteria [BEC]	14/160	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
25	Section-IV Special Conditions of Contract [SCC]	74/160	2.0	**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 Conditions shall Prevails
26	Section-IV Special Conditions of Contract [SCC]	80/160	16.0	**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. 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.	Ok Noted

27	Section-IV Special Conditions of Contract [SCC]	80/160	16.0	**16.0 PERIOD OF CONTRACT (For Operation and Maintenance):** However, the period may be extended for another term of one year under the same terms and conditions with mutual consent subject to satisfactory performance and at sole discretion of VGL.	We respectfully request the Purchaser to kindly consider mutually agreed for further extension 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.	Tender Conditions shall Prevails
28	Section – IV Special Conditions of Contract [SCC]	77-78/ 160	7.0	**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 Conditions shall Prevails
29	Section-IV Special Conditions of Contract [SCC]	90/160	25.0	**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.	Bidder has to submit 03% of CPBG of Total Amount of Supply Portion. Along with supply portion, Bidder has to submit 03% of CPBG of Annualized Contract Value of Total amount of Service Portion
32	Section-IV Special Conditions of Contract [SCC]	89/160	25.0	**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	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.	

				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.		
33	Section – VIII Schedule of Rates [SOR]	157/160	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/cm2(g), inlet line pressure range of 14 – 49 kg/cm2(g (performance range 14 to 19 kg/cm2(g) with discharge pressure 255 kg/cm2(g) with 7 bank Priority panel.	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/cm²(g). Kindly confirm.	inlet line pressure range of 14 – 49 kg/cm2(g (performance range 14 to 19 kg/cm2(g) with discharge pressure 255 kg/cm2(g) with 7 bank Priority panel.
	Section – VIII Schedule of Rates [SOR]	157/160	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/cm2(g), inlet line pressure range of 14 – 49 kg/cm2(g (performance range 14 to 19 kg/cm2(g) with discharge pressure 255 kg/cm2(g) with 7 bank Priority panel.	We understand that the applicable design suction pressure for Skid mounted Gas Engine Driven 1200 SCMH CNG Compressor Package shall be 16 kg/cm²(g), suction temperature of 35°C, discharge pressure of 255 kg/cm2g. Kindly confirm.	Compressor Suction pressure: 14 – 22 kg/cm2(g). Compressor Guarantee Parameter on Suction Pressure: 16 kg/cm2g Bidder shall request to design a compressor on 19 kg/cm2(g).
	TECHNICAL SPECIFICATION FOR THE PROJECT SUPPLY OF GAS ENGINE DRIVEN CNG COMPRESSOR PACKAGES - 1200 SCMH	37/149	15.0	**13.6 Compressor Capacity (As applicable for 1200 SCMH)** 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 SCMH at **16 kg/cm²g** (with no -ve tolerance) whereas the driver shall be selected	**13.6 Compressor Capacity (As applicable for 1200 SCMH)** 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 SCMH 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 SCMH	Compressor Suction pressure: 14 – 22 kg/cm2(g). Compressor Guarantee Parameter on Suction Pressure: 16 kg/cm2g Bidder shall request to design a compressor on 19 kg/cm2(g).

				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 SCMH (Density considered as 0.7518 Kg/scm)	(Density considered as 0.7518 Kg/scm)	
	ANNEXURE-I: GUARANTEED PARAMETERS	44/149	1	Compressor Capacity at suction pressure **@ 16 kg/cm2 (g)** (1200 SCMH) (basis for penalty)		
	-	-	-	d. The maintenance team will assist any unplanned/emergency maintenance of equipment installed at CNG Station.	We understand that the maintenance team will assist any unplanned/emergency maintenance of CNG Compressor package.	Ok Noted, Maintenance team available 24X7 Basis.
				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.