



Vadodara Gas Limited
Replies to Bidder's Queries

SUBJECT: Purchase of 05 Nos. 1200 SCMH Motor Driven Compressor with 05 Year AMC for the Upgradation of Existing CNG Station on ARC Basis

TENDER NO.: VGL/CO/C&P-CNG/BD202510P257 Dated 17/10/2025 & **TENDER ID:** 236064.

Sl. No.	Sec. No.	Page No.	Clause No.	Subject	Bidders' Query	VGL'S Reply
1	II	13 of 243	1.2	1.2 The bidder, in the previous seven (07) years reckoned from the tender issue/publish date, shall have engineered, manufactured/ packaged, tested and supplied to customer(s), CNG compressor packages of 1200 SCMH or higher capacity, with discharge pressure of 250 kg/cm², from the proposed facility of manufacturing/ packaging, as per following: 1.2.1 Single order of at least 1 No. of CNG compressor packages of 1200 SCMH or higher capacity. 1.2.2 At least 1 No. of the above mentioned compressor packages should have been operating satisfactorily in the field for a period of minimum 8000 running hours (in last 7 years) reckoned from the tender issue/publish date.	We are an established manufacturer and supplier of compressors, with a proven track record in the CGD sector. To date, we have successfully supplied approximately 382 CNG Compressor of capacity more than 350 SCMH to various CGD companies. In view of the above, we kindly request you to consider relaxing the past supply criteria (BEC) for this tender, enabling more participation from capable bidders. We assure you of our ability to meet your technical and performance requirements effectively. It may be noted that several CGDs such as Gail India, HPCL, Aavantika Gas, RSGL, etc., have relaxed BEC conditions in tenders to encourage competitive bidding. For your reference, we are enclosing copy of GAIL INDIA tender BECs. We also, invite IGL to visit our factory and see our infrastructure involved in terms of engineering, production, QC & testing to satisfy themselves. We propose BEC to be modified as below". Past Supply criteria 04 nos. 400 SCMH packages to be considered, and for the bidders who has supplied the machine but package are not commissioned and thus not have the running hour reference, so only supply record to be considered in BEC(with differed Payment terms as was mentioned in the Gail India Tender BEC).	Tender Condition Prevail
2	Section – I Invitation for Bid [IFB]	10 of 243	2 F	Delivery Period: 04 Weeks From the date of approved drawing by EIC.	We understand that the 4-week 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 Prevail
3	Section – IV SPECIAL CONDITIONS OF CONTRACT [SCC]	79 of 243	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. Maximum of 5% of the part purchase order/quantities.
4	SECTION – V SCOPE OF WORK [SOW] & TECHNICAL	112 of 243	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,	Shall be done only for the Packages supplied by KPCL.	Ok Noted.



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	SPECIFICATI ON [TS]			firefighting, and spreading awareness. Ensure Safety of Man and Machine at all the times.		
5	SECTION – V SCOPE OF WORK [SOW] & TECHNICAL SPECIFICATI ON [TS]	116 of 243	2.3	The field trial run of the compressor will be for minimum of 4 hours (can be in multiple runs) and the package should be kept under observation for 72 hours for stable operation and no major breakdown in which satisfactory performance of the package together with all accessories auxiliaries and controls shall be established for satisfactory performance for specified operating conditions.	Since, Full load performance test is carried out at work for 4 hours on guarantee parameters on Natural gas, we request you to consider a 30mins field trial run and also performance test at site.	Tender Condition Prevail
6	SECTION – V SCOPE OF WORK [SOW] & TECHNICAL SPECIFICATI ON [TS]	121 of 243	2.23 xxxviii	The bidder shall carry out retesting of pressure vessels including blow down vessel periodically i.e. every year or earlier as per Gas Cylinder rules 2016 / Static & Mobile Pressure Vessels Rules.	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, thickness check will be carried out every year.
7	SECTION – V SCOPE OF WORK [SOW] & TECHNICAL SPECIFICATI ON [TS]	125 of 243	2.23 xxxi	Secondary lubrication system with check valve protector, HP (High Pressure) Filter (for all lubricating points) & DNFT (Digital No Flow Timer) flow switches with standby pump. Secondary lubrication system with divider block shall be provided.	Standby pump is not envisaged and therefore will not be provided. Oil pump mounted on a compressor is sufficient for cylinder lubrication.	Ok Noted.
8	SECTION – V SCOPE OF WORK [SOW] & TECHNICAL SPECIFICATI ON [TS]	125 of 243	4.0 xiii	Y- Type strainers, valves, sight flow indicators, check valves, auto & manual drain traps etc. as required for various auxiliary systems i.e. frame lube oil, cylinder lubrication system, cooling water systems etc.	Please note that as per Manufacturer's standard practice the lubricator will be divider block type. Y type strainers, Sight flow indicators, check valve etc are applicable for Single Plunger per point lubricator, thus not applicable.	Ok Noted.
9	SECTION – V SCOPE OF WORK [SOW] & TECHNICAL SPECIFICATI ON [TS]	129 of 243	8.0 i)	Relief valves shall be provided at suction and discharge and each inter stages of compressor with setting as per cl.7.20.4 of API-11P with R.V. venting as per cl. 7.20.4 of API-11P.All vented to common relief valve header.	Relief valve at first stage suction is not required in addition to one on a blowdown vessel as suction line and blow down vessel are connected to each other.	Ok Noted.
10	SECTION – V SCOPE OF WORK [SOW] & TECHNICAL SPECIFICATI ON [TS]	133 of 243	9.12	In case of lubricated cylinder & packing design, single plunger force feed mechanical lubricator shall provide lubrication to compressor cylinders. Lubricators with double ball check valve shall be provided at each lubricator point. Digital no flow timer shall be provided to stop the compressor in case of loss of cylinder lubrication.	Please note that as per Manufacturer's standard practice the lubricator will be divider block type. Double ball check valves are applicable for Single Plunger per point lubricator, thus not applicable.	Ok Noted.



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11	SECTION – V SCOPE OF WORK [SOW] & TECHNICAL SPECIFICATI ON [TS]	140 of 243	10.9	Separate junction boxes shall be provided for each type of signal i.e. analog, digital, solenoids RTD, thermocouple, and intrinsic safe and for power supply. No cable shall share power & signal.	Local control panel (With PLC) is mounted on the package itself hence junction boxes are not required. Instruments will be directly wired to the Local control panel.	Ok Noted.
12	SECTION – V SCOPE OF WORK [SOW] & TECHNICAL SPECIFICATI ON [TS]	141 of 243	10.2	ESD button (3 Nos.) with require cables shall be provided by bidder (Customer Interface room, locally mounted on package and Panel room). A separate hooter for customer interface room shall be provided with annunciation window alarm of individual protection device..	Emergency stop button and hooter will be in the purchaser's scope. Any cabling required to interface the same with package PLC will be in the purchaser's scope.	Tender Condition Prevail
13	SECTION – V SCOPE OF WORK [SOW] & TECHNICAL SPECIFICATI ON [TS]	144 of 243	11.4	The maximum temperature within the enclosure shall be limited to ambient + 80C. Adequate ventilation fans shall be provided to meet the above and also to account heat dissipation of the coolers/ all other components.	Air cooled heat exchanger fan is of forced draught type which throws air out of the enclosure. Hence a separate ventilation fan is not required. Please confirm your acceptance.	Ok Noted.
14	SECTION – V SCOPE OF WORK [SOW] & TECHNICAL SPECIFICATI ON [TS]	149 of 243	15.2	15.2 LOADING AGAINST PACKAGE GAS LOSS: F = (G-0) x H x I x N x W Where, F = Loading amount in Rs. G = Vent/Leakage rate quoted in percentage (G-0) = Bidder's vent /leakage rate above 0% H = Cost of Natural Gas per Kg – Rs. 55.00 /- per kg I = Factor towards lifecycle in hours @ 73000 hours N = Number of Machines W = 903 for 1200 SCMH	We request you to consider; Operating Time in hours = 6570 Hrs x No. of years instead of 73000 hours. Kindly confirm.	Tender Condition Prevail
15	SECTION – V Scope of Work [SOW] & Technical Specification [TS]	121 of 243	2.23 xxxv	The bidder shall carryout calibration of gas detectors and flame detectors every six months or earlier as per requirement or instruction of EIC of OWNER. Also yearly calibration of all instruments such as pressure gauges, transmitters, switches, etc. shall be in the scope of the bidder. Mass flow meters shall calibrate every 12 months. In addition to the above all safety relief valves shall also be tested and calibrated every Six Months.	For mass flow meters, field calibration shall be carried out. FCRI calibration shall be in Client scope.	Mass flow meter fixed Calibration shall be carried out by the bidder. As & when required by the purchaser. Furthermore, MFM shall calibrate every 12 months through the OEM or VGL approved vendor and this calibration cost in the scope of the bidder.
16	General				Please let us know the distances of respective piping / tubing. Air compressor & air piping for air Piping from CO2 cylinders up to the enclosure.	Air Piping: - 50 Mtrs



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17	SECTION – V Scope of Work [SOW] & Technical Specification [TS]			INSPECTION & TESTING	Inspection and testing shall be as per bidder's standard QAP and the same shall be discussed during detailed engineering.	The QAP must approved by the VGL. IF VGL give a suggestion in QAP, the bidder same shall be complying.
18	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. Incase 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.	Tender Condition Prevail
19	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. 60 Mt. 2. UPS DB to package distance for UPS supply to PLC panel: - Approx. 60 Mt. 3. ESD Locations and its distance from Package: - Approx. 50 Mt. 4. Air compressor to electrical room. - Approx. 30 Mt. 5. CO2 Flooding system to compressor package: - Approx. 15 Mt.
20	Section – VIII Schedule of Rates [SOR]	241 of 243	2	Operation & Comprehensive Maintenance	For Operation & Comprehensive Maintenance, please limit minimum % of total supply price	Tender Condition Prevail
21	SECTION – V Scope of Work [SOW] & Technical Specification [TS]	83 of 243	21	Wages	Please confirm its state or central wages.	Central wages.
22	General			Air Compressor	Please confirm the Air compressor motor rating & it is non-flameproof type	3 KW non-flameproof type.
23	Section - V	125 of 243	4.0 SCOPE OF SUPPLY FOR EACH COMPRESSOR PACKAGE	Only air cooled and lubricated compressor with suction/discharge volume bottles (dampers) for each stage (separators) with manual drains and automatic drain system, lube oil system, closed circuit cooling water system (console type)/Air cooled as required.	*Kindly permit non-lubricated type compressor, which has several advantages over lubricated one, as listed below: 1. There will not be any oil-carry over into the gas hence, the contamination of gas with lube oil is totally eliminated. 2. It does not require divider block and plunger pump arrangement for cylinder lubrication. 3. As there is no oil-carry over hence there will not be any	Ok Noted.



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					condensation of oil after cooling the compressed gas. Hence Separator vessels not required.	
24	Section - V	127 of 243	A. GENERAL DATA	1.1 Compressor type 1.1.1 Oil lubricated	* Tender clause 9.34 says ingress of oil in to the CNG gas adversely effects vehicle emission and storage system. *Our design is non-lubricated type, which prevents oil carryover into CNG gas hence; contamination gas with lube oil is totally eliminated. *Similar machines are working successfully across the world including India. Hence we hereby request you to allow the same.	Ok Noted.
25	Section - V	127 of 243	1.4 Cylinders	Horizontal Balanced Opposed design with lined cylinder/ trunk piston	Our design is V type compressor. Kindly confirm acceptance.	Ok Noted.
26	Section - V	182 of 243	ANNEXURE – VI: VENDOR LIST	ON OFF BALL/NEEDLE VALVE	Bidder request to approve M/s DK Lok and M/s Dawsons-Tech makes	Tender Condition Prevail
27	Section - V	185 of 243	ANNEXURE – VI: VENDOR LIST	FLP SWITCH	Bidder request to approve M/s Shyam Switchgear and M/s Sai Electrical makes	Bidder may be requested to submit the PESO Approval at the time of Bidding.
28	Section - V	181 of 243	ANNEXURE – VI: VENDOR LIST	SOLENOID VALVES/ACTUATOR	Bidder request to approve M/s Aira Euro Automation Pvt Ltd make	Bidder may be requested to submit the PESO Approval at the time of Bidding.
29	Section - IV	73 of 243	2.0 Delivery Schedule	04 Weeks From the date of approved drawing by EIC.	Bidder request to consider lead time 12 to 14 weeks from the date of approved drawing by EIC.	Tender Condition Prevail
	Section-II	16/243	3	Methodology for Evaluation, Comparison & Award 3.1 Evaluation, Comparison and Award shall be done on overall L1 basis (Excl. of GST).	We understand that the bid evaluation, comparison and award shall be done on overall L1 basis (excluding of GST). We request purchaser to clarify if Reverse Auction (RA) is applicable while evaluation and award.	Evaluation, comparison and award shall be done on overall L1 basis (excluding of GST) only.
	Scope of work	149/243	15.1	Note: Loading amount in INR. will be loaded with Price bid prior to RA, however, the loaded value will not be subject to decrement during RA.		
	Section-IV	73/243	2	Delivery Schedule: 04 Weeks From the date of approved drawing by EIC.	Delivery of critical components such as Motor, PLC Panels, Flow Meters etc is currently between 12-14 weeks ex-works. We request purchaser to allow delivery period of 16 weeks for 1200 SCMH Motor Driven CNG Compressor Package for first lot and 10-12 weeks for subsequent lots	Tender Condition Prevail
	Section-IV	90/243	25(i)	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 the Supply Value and 03 % of the Service Contract Value. This Contract-cum-Performance Bank Guarantee shall	We request purchaser to accept Contract Performance Bank Guarantee @ 3% of annualised service contract value. Kindly accord your acceptance.	1. Bidder has to submit 03% of CPBG of Total Amount of Supply Portion. 2. Along with supply portion, Bidder has to submit 03% of CPBG of Annualized Contract Value of Total amount of Service Portion



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				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.		
	Section -V	125/243	4(xxix)	4.0 SCOPE OF SUPPLY FOR EACH COMPRESSOR PACKAGE xxix. All inlet & Outlet ¾“(0.095” min wall thick) SS Tubing (Approx. 700 Mtr for – Sandvik/ Tubacex) of the compressors are supply by the contractor.	We request purchaser to elaborate this clause	Compressor Package All inlet & Outlet ¾“(0.095” min wall thick) SS Tubing In Scope of Bidder. 200 Mtrs sandvik/tubacex tubing supply by the contractor for each compressor.

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.