



**Vadodara Gas Limited**  
**Replies to Bidder's Queries**

**SUBJECT:** Purchase of 03 Nos. 450 SCMH Booster Compressors with 05 Year AMC for New CNG Station and Upgradation of Existing CNG Station on ARC Basis  
**TENDER NO.:** VGL/CO/C&P-CNG/BD202508P239 Dated 13/02/2025 & **TENDER ID:** 219228.

Sl. No.	Sec. No.	Page No.	Clause No.	Description	Bidder's Query	VGL's Reply
1	V	109 & 110 of 174	1.6 Scope of Supply	Main incoming cable from owner PDB to main control panel of the compressor through Conduit/trenches (supply, laying, testing & Commissioning in contractor Scope). Cable from owner 's electronic earth pit (EE)for electronic circuit in control Panel, cables from owners main earthing ring to control panel body earth and all interconnecting Cables including complete erection accessories like double compression cable, FLP gland, cable tags, Lugs etc. as required.	Please confirm the cable length from electrical room to booster compressor panel	The Approx. distance between electrical room & booster compressor is 70 Mtr.
2	V	110 of 174	1.6 Scope Of Supply	All inlet & Outlet ¾" (0.095" min wall thick) SS Tubing (Approx. 200 Mtr – Sandvik/Tubacex) of the compressors are supply by the contractor	only inside compressor area all tubing will provide by vender not for compressor outside area. Please confirm.	3/4" 0.095" min Wall Thick SS Tubing - 200 Mtr supplied with the each package.
3	V	111 of 174	1.7 Safety	Package enclosures shall have two IR type L.E.L detectors and two Ultra Violet (UV)/IR fire detectors in each enclosure to cover the enclosures effectively.	Clause no.1.7.6 and 1.7.12/1.7.13. are contradicted, kindly confirm the quantity of IR type LEL Gas detector and UV/IR flame detector.	2 no. IR TYPE LEL & 2 no. UV/IR TYPE FLAME DECTETOR.
4	IV	78 of 174	15.0 (J)	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	The proposed penalty is very high. We request to amend the Clause as per normal CGD's terms.	delay in mobilizing the services/ manpower for the particular CNG compressor package a penalty at the rate of 0.5 % of the monthly O&M rate of that compressor per week
5	IV	79 to 174	20.0 A (ii)	ii. If the equipment is down for more than 4 hours on any day, Penalty would be applicable as follows: • 4 to 12 hours: Rs. 20,000/- • Beyond 12 hours: Rs. 40,000/- per day.	The proposed penalty is very high. We request to amend the Clause as per normal CGD's terms.	Tender Condition Shall Prevail.
6	Section II, BEC	Page 13 of 174	1. Technical Criterial 1.2	The bidder, in the previous seven (07) years from the due date of submission of bid, shall have designed, engineered, manufactured/ packaged, tested, supplied and commissioned to any CGD firm at least 1 no. CNG Booster compressor package of 450 SCMH capacity suitable for operation at suction pressure in the range of 30 to 230 bars, discharge pressure of 250 bars, from the proposed facility of manufacturing & this package should have completed continuous trouble free operation for minimum 8000 HRS without any major break down as on the bid due date. The compressor proposed in the bid shall be of same make and model as used in this CNG Booster Compressor package.	Our supplied Hydraulic Booster compressor of 450 SCMH capacity packages completed continuous trouble free operation of minimum 4262 Hrs. without any major break down as on today date. Kindly accept the same.	Tender Condition shall prevail.
7	Section II, BEC	Page 13 of 174	2. Financial Criteria 2.1 Annual Turnover:	The Average Annual Turnover of the bidder should be minimum of ₹ 1, 60, 92,840.00/- during 03 Preceding Financial Years	The audited financial statements for FY 2024–25, including the Balance Sheet and Profit & Loss Account, are currently under finalization and are expected to be completed by end of September In this regard; we can provide provisional or unaudited financial statements for FY 2024–25. We will submit audited	Tender Condition shall prevail.



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					financial statement for FY2024-25 immediate once completed. Kindly accept the same.	
8	SECTION – V: 4.3.3 PREFERRED MAKES	118 OF 174	Gas Detector (IR Type)	-	You are requested to add Ambetronics make GAS DETECTOR (IR TYPE).	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
9	SECTION – V: 4.3.3 PREFERRED MAKES	118 OF 174	Gas Detector (IR Type)	-	You are requested to add ESP Safety make GAS DETECTOR (IR TYPE )	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
10	SECTION – V: 4.3.3 PREFERRED MAKES	118 OF 174	Flame Detector (UV Type)	-	You are requested to add Ambetronics make FLAME DETECTOR (UV TYPE)	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
11	SECTION – V: 4.3.3 PREFERRED MAKES	118 OF 174	Flame Detector (UV Type)	-	You are requested to add ESP Safety make FLAME DETECTOR (UV TYPE )	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
12		Page No. 118	4.3.3 Preferred Makes	SS Tubes: Sandwik, Tubacex	Bidder requests to approve Ratnamani AND Jindal Saw Tubes, which is approved in all major CGDs	Tender Condition Shall Prevail.
				FLP Motors: ABB/Compton/Siemens/ Bharat Bijlee	Bidder requests to approve LHP, approved in all major CGDs	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
				FLAME DETECTOR: General Monitors / Crowcon / Honeywell / Sieger /Detronics/ Khrome Schroder / Net safety.	Bidder requests to approve Ambetronics and ESP safety, approved in all major CGDs	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
				GAS DETECTOR (IR TYPE): General Monitors / Crowcon / Honeywell / Sieger /Detronics/ Khrome Schroder / Net safety	Bidder requests to approve Ambetronics and ESP safety, approved in all major CGDs	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
				SS FITTINGS: M/s Swagelok (USA)/ M/s Parker (USA)/ M/s Hoke (Circore Instruments)/ M/s Hamlet/ M/S SSP/M/S BMT Korea/ HYLOK	Bidder requests to approve DK LOK, approved in all major CGDs	SS Fittings – Swagelok/Parker/DK LOK
13				On off ball/needle valve: M/s Parker / M/s Swagelok	Bidder requests to approve DK LOK, approved in all major CGDs	On off ball/needle valve – M/s Parker / M/s Swagelok/DKLOK
14	V	118/174	4.3.3	Preferred Makes- FLP Motors	Bidder requests to include M/s. LHP make for FLP Motors in approved vendor list. LHP make is approved in all other prominent CGD companies like HPCL, BPCL, IOCL etc.	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
15	V	118/174	4.3.3	Preferred Makes- IR Gas Detectors	Bidder requests to include M/s. ESP Safety make for IR Gas Detector in approved vendor list. ESP safety make is approved in all other prominent CGD companies like HPCL, BPCL, IOCL, Gail Gas, Gail India etc.	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
16	V	118/174	4.3.3	Preferred Makes-UV Flame Detectors	Bidder requests to include M/s. ESP Safety make for UV Flame Detector in approved vendor list. ESP safety make is approved in all	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.



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					other prominent CGD companies like HPCL, BPCL, IOCL, Gail Gas, Gail India etc.	
17	V	119/174	4.3.3	Preferred Makes-PSV	Bidder requests to include M/s. Nirmal make for PSV in approved vendor list. Nirmal make is approved in all other prominent CGD companies like HPCL, BPCL, and IOCL.	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
18	V	119/174	4.3.3	Preferred Makes-SS Tubes	Bidder requests to include M/s. Jindal, M/s. Ratnamani make for SS tube in approved vendor list. Jindal and Ratnamani makes are approved in all other prominent CGD companies like HPCL, BPCL, IOCL, Gail Gas, and Gail India.	SS Tubes - M/s Sandvik, Sweden/ M/s Tubasax
19	V	119/174	4.3.3	Preferred Makes-SS Fittings	Bidder requests to include M/s. Dawson make for SS- Fittings in approved vendor list. Dawson make is approved in all other prominent CGD companies like HPCL, BPCL, and IOCL.	SS Fittings – Swagelok/Parker/DK LOK
20	V	119/174	4.3.3	Preferred Makes-On off ball/needle valve	Bidder requests to include M/s. Dawson make for On off ball/needle valve in approved vendor list. Dawson make is approved in all other prominent CGD companies like HPCL, BPCL, and IOCL.	On off ball/needle valve – M/s Parker / M/s Swagelok/DKLOK
21	V	124/174	13	GUARANTEED PARAMETERS /Power Consumption	No minimum power consumption is defined in the tender. Request you to kindly confirm main motor rating requirement i.e. 22 kw or 37 kw.	Main Motor Rating is 37 KW
22	V	109/174	1.6	Main incoming cable from owner PDB to main control panel of the compressor through Conduit/trenches (supply, laying, testing & Commissioning in contractor Scope). Cable from owner's electronic earth pit (EE) for electronic circuit in control Panel, cables from owners main earthing ring to control panel body earth and all interconnecting Cables including complete erection accessories like double compression cable, FLP gland, cable tags, Lugs etc. as required. Further, supply, laying, testing & commissioning of cables with required FLP Gland for Air-Compressor, Co2 Flooding System, UPS, PLC, Instruments, etc. from main panel are in scope of contractor.	Please confirm the maximum possible distance between electrical room & booster compressor installation to determine total length of incoming cable	he Approx. distance between electrical room & booster compressor is 70 Mtr.
23	Section – II Bidder's Eligibility Criteria [BEC]	12 of 174	1.2	The bidder, in the previous seven (07) years from the due date of submission of bid, shall have designed, engineered, manufactured/ packaged, tested, supplied and commissioned to any CGD firm at least 1 no. CNG Booster compressor package of 450 SCMH capacity suitable for operation at suction pressure in the range of 30 to 230 bars, discharge pressure of 250 bars, from the proposed facility of manufacturing & this package should have completed continuous trouble free operation for minimum 8000 HRS without any major break down as on the bid due date. The compressor proposed in the bid shall be of same make and model as used in this CNG Booster Compressor package.	We kindly requested to consider the past experience capacity of the CNG Booster Compressor package was 400 SCMH and above, instead of the currently specified fixed capacity of 450 SCMH.	Tender Condition Shall Prevail.



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24	Section – IV Special Conditions of Contract [SCC]	78 of 174	J Of 15	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.
25	SECTION – IV Special Conditions of Contract [SCC]	79 of 174	20	If the equipment is down for more than 4 hours on any day, Penalty would be applicable as follows: · 4 to 12 hours: Rs. 20,000/- · Beyond 12 hours: Rs. 40,000/- per day. In case of daily availability is 20 hrs. but monthly average availability is below 98%. Then penalty @ of 10,000 per % or part thereof shall be applicable.  If the equipment is down for more than 4 hours & up to 12 hours beyond the time indicated for the agreed schedule maintenance, the party would be penalized Rs. 20,000/- and for more than 12 hours Rs. 40,000/- per day.	Penalty for breakdown or shutdown shall be as below: up to eight hours: NIL up to 24 hours: INR 10,000/- per day	Tender Condition Shall Prevail.
26	SECTION – V SCOPE OF WORK [SOW]	109 of 174	1.6	Separate junction boxes for different type of signals like intrinsically safe signals, alarm, shutdowns, thermocouples, RTDs etc. for interfacing to local panel.	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.
27	SECTION – V SCOPE OF WORK [SOW]	111 of 174	1.7.9	Relief Valves shall be provided at suction/ BDV and discharge/ priority panel and in between inter stages of compressor with setting as per cl. 7.20.3 of API – 11P with R.V. venting as per cl. 7.20.4 of API-11P.	Relief valve at first stage suction is not required.	Ok Noted.
28	SECTION – V SCOPE OF WORK[SOW]	114 of 174	3	The supply shall include all interconnecting piping/tubing/cables.	Please let us know the distances of respective piping / tubing / cables.	All inlet & Outlet ¾” (0.095” min wall thick) SS Tubing (Approx. 200 Mtr – Sandvik/Tubacex) of the each 29compressors are supply by the Bidder. However, The Approx. distance between electrical room & booster compressor is 70 Mtr.
29	SECTION – V SCOPE OF WORK [SOW]	115 of 174	3.9.7	For handling of all heavy parts for maintenance purpose lifting arrangement i.e. beam fitted with chain hoist shall be provided in enclosure.	We will provide suitable arrangement such as plate for sliding the compressor motor out of the Canopy for maintenance purpose. No other equipment requires lifting arrangement considering their weight and therefore chain pulley arrangement is not required.	Ok Noted.
30	SECTION – V SCOPE OF WORK [SOW]	121 of 174	7	INSPECTION & TESTING	Inspection and testing shall be as per bidder's standard QAP and the same shall be discussed during detailed engineering.	Ok Noted but QAP approved by the VGL and all the observations of VGL implement in the QAP by the bidder.
31	SECTION – V SCOPE OF WORK [SOW]	126 of 174	16.1	OPERATION AND MAINTENANCE SERVICES Supplier has to ensure the safety of man and machine all the times. Damages of equipment due to negligence will be recovered as per the decision of Engineer-in- Charge, which will be final.	Shall be done only for the Packages supplied by KPCL.	ok Noted but any damages of any equipment by the manpower deployed by the bidder would be recovered from the bidder.
32	SECTION – V SCOPE OF WORK	131 of 174	16.15.11	The Supplier shall carryout calibration of gas detectors and flame detectors every six months or earlier as per requirement or instruction of EIC of PURCHASER. Also,	For mass flow meters, field calibration shall be carried out. FCRI calibration shall be in Client scope.	For the Mass Flow Meter, the zero calibration shall be carried out by the bidder through the Pro-Link as &





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	[SOW]			yearly calibration of all instruments such as pressure gauges, transmitters, switches, mass flow meters etc. shall be in the scope of the Supplier. In addition to the above all safety relief valves shall also be tested and calibrated every year.		When required by the VGL. Further, the Mass Flow Meter calibration through the authorized agency shall be carried out by the bidder once in a year as per the approval of the VGL.
33	SECTION – V SCOPE OF WORK [SOW]	131 of 174	16.15.11	The Supplier shall carry out retesting of pressure vessels periodically as per Gas Cylinder rules 1981 or 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. Same is accepted in last tender	Ok Noted. Thickness test is carried out by the bidder once in a year.
34		109 of 174	Scope Of Supply 1.6	Lubricated or non-lubricated two throw balanced opposed reciprocating compressor or hydraulic booster with lube oil system and cooling system as required.	Our system is non-lubricated, lube oil is not required. The required cooling system will be provided.	Ok Noted.
35		109 of 174	Scope Of Supply 1.6	Main incoming cable from owner PDB to main control panel of the compressor through Conduit/trenches (supply, laying, testing & Commissioning in contractor Scope). Cable from owner's electronic earth pit (EE) for electronic circuit in control Panel, cables from owners main earthing ring to control panel body earth and all interconnecting Cables including complete erection accessories like double compression cable, FLP gland, cable tags, Lugs etc. as required. Further, supply, laying, testing & commissioning of cables with required FLP Gland for Air-Compressor, Co2 Flooding System, UPS, PLC, Instruments, etc. from main panel are in scope of contractor.	Please confirm the maximum possible distance between electrical room & booster compressor installation.	The Approx. distance between electrical room & booster compressor is 70 Mtr.
36		111 of 174	1.7.9	Relief Valves shall be provided at suction/ BDV and discharge/ priority panel and in between inter stages of compressor with setting as per cl. 7.20.3 of API – 11P with R.V. venting as per cl. 7.20.4 of API-11P. All vented lines to be connected to common relief valve header	There is no requirement of relief valve at the suction/ interstage for booster compressor, as the suction is always reducing from 220 to 30 bar, Both first & second stage are integral part of the single intensifier, therefore not required. Applicable for online reciprocating compressors.	Ok Noted.
37		111 of 174	1.7.6	Supply of IR type LEL detector and UV/IR flame detector	There is conflict between the clause no. 1.7.6 and 1.7.12/1.7.13. Kindly confirm the quantity of IR type LEL Gas detector and UV/IR flame detector.	02 no. IR type LEL detector and 02 no. UV/IR flame detector
38		110 of 174	Scope Of Supply 1.6	Y- type strainers, valves, sight flow indicators, check valves, manual drain/ traps etc. as required for various auxiliary systems i.e. lubrication system, cooling water systems etc.	Frame lube oils, cylinder lubrication are not required for booster compressor, however cooling water and hydraulic oil will be provided with necessary components. Applicable for online reciprocating compressors	Tender Condition Shall Prevail.



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39		113 of 174	2.1.1	Pressure switch and pressure gauge shall have isolation valve.	Block & bleed valves will be provided for all the pressure gauges used in high pressure gas system instead of Isolation Valve.	Tender Condition Shall Prevail.
40		114 of 174	Design Criteria 3.3	Offered package shall be complete with compressor, electric motor, hydraulic pump and piping, cooling system, suction and discharge filters, instrument air dryer, oil filter, control panel, safety and control devices and other accessories required for automatic and safe operation the system. The supply shall include all interconnecting piping/tubing/cables. Cooling system shall be of closed circuit type/ air cooled.	Discharge filter is not required because intensifier is non-lubricating type; hence during intensification oil does not comes in contact with gas. This is Applicable for online reciprocating compressors.	Ok Noted.
41		115 of 174	3.9.7	For handling of all heavy parts for maintenance purpose lifting arrangement i.e. beam fitted with chain hoist shall be provided in enclosure.	Chain hoist is not advisable in each in every compressor as it is not an anti-sparking device, however the same will be made available with maintenance team to carryout activities.	Ok Noted.
42		116 of 174	3.10.8	The ingress of oil into CNG adversely affects vehicle emission and storage system. Hence in case of lubricated cylinders vendor shall supply a proven, maintenance free oil removal system with automatic and manual drain after after-cooler to remove oil from compressed gas. The offered oil mist removal system shall restrict the oil less than 1 PPM in discharge of compressor.	During intensification oil does not comes in contact with gas, Oil mist separator is not required therefore will not provide.	Ok Noted.
43		116 of 174	4.1.3	Emergency stop at Compressor panel and Control Room/Sale room Shut / Stop Auto / Manuals Fault accept Fault reset CO2 cylinder by pass Test button for lamp & hooter Maintenance Over ride switch	We don't offer the CO2 bypass as it compromises the safety.	Ok Noted.
44		117 of 174	4.1.5	Motor shall be TEFV squirrel cage type in standard frame size as per IS/IEC rated for continuous duty with high efficiency and designed for star/delta starting. Motors shall be suitable for starting under specified load conditions with 75% of rated voltage at the terminals.	As per motor manufacturer minimum voltage requirement is 80% of rated voltage at motor terminal.	Ok Noted.
45		117 of 174	4.1.8	The incomers shall be provided with suitably rated switch fuse unit, ammeter, voltmeter with selector switch, energy meter, hour meter, PF meter, etc.	Multi-function meter will be provided, which communicated with PLC and same data will be shown in HMI	Ok Noted.
46		120 of 174	5.1.7	Compressor package shall be provided with min following instruments; All tripping shall be with lamp indication and annunciation. i. Temp indicator 1st, 2nd stage discharge and after- after cooler ii. Pr indication 1st, 2nd stage discharge, high & med bank. Pr switch, 2nd stage discharge, high & med bank	Due to design of compressor (Single cylinder; two stage) We will provide pressure indicator at suction of compressor & at final discharge only. One pressure switch at 2nd stage discharge One temperature transmitter at final discharge	Tender Condition Shall Prevail.
47		120 of 174	5.1.7	Hour meter	Non-resettable hour meter provided on HMI	Ok Noted.
48		131 of 174	16.15.11	Calibration shall be done from government-approved laboratories and shall be carried out at least 15 days prior to the calibration due date. The Supplier shall keep 1 set of safety relief valves in spare for the purpose of calibration	We will provide 1 no spare safety relief valve for one GA location. Kindly confirm.	Ok Noted.



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49		115 of 174	3.9.2	The Enclosure to restrict maximum noise level to 75 dB (A) at 1 meter from the enclosure.	Kindly permit 75 dB +/- 3 dB at 1 meter distance in free field condition.	Tender Condition Shall Prevail.
50		118 of 174	4.3.3 Preferred makes shall be as follows	FLP Motor	Bidder requests to approve Flameproof motor Hindustan Electric Motor	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
51		118 of 174	4.3.3 Preferred makes shall be as follows	FLP Switchgear	Kindly approve Saai Electrical, Shyam Switch Gear makes. These makes are PESO approved.	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
52		119 of 174	4.3.3 Preferred makes shall be as follows	On Off ball/ needle valve for CNG application	For high pressure ball valve kindly approves DK LOK/ HYLOK/Dawsons-Tech make.	On off ball/needle valve – M/s Parker / M/s Swagelok/DKLOK
53		119 of 174	4.3.3 Preferred makes shall be as follows	All high-pressure double ferrule fitting and valves shall be from SWAGELOK/ PARKER makes & shall be S.S. material only. Material of tube shall also be SS316L as per ASTM A269 Sandvik make.	We request you to add Dawsons-Tech and DK-LOK make for SS Fittings.	SS Fittings – Swagelok/Parker/DK LOK
54		119 of 174	4.3.3 Preferred makes shall be as follows	RTD	Kindly approve m/s AN instruments and m/s Pune Techtrol	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
55		118 of 174	4.3.3 Preferred makes shall be as follows	PLC	Kindly approve ABB make PLC.	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
56		119 of 174	4.3.3 Preferred makes shall be as follows	SS Tube	Kindly approve Ratnamani make.	SS Tubes - M/s Sandvik, Sweden/ M/s Tubasax
57		119 of 174	4.3.3 Preferred makes shall be as follows	Solenoid Valve	Kindly approve Aira and Elomatic makes	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
58		118 of 174	4.3.3 Preferred makes shall be as follows	Gas Detector	We request you to add ESP make for Gas Detector	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
59		118 of 174	4.3.3 Preferred makes shall be as follows	Flame Detector	We request you to add ESP make for Flame Detector	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
60		119 of 174	4.3.3 Preferred makes shall be as follows	PSV	We request you to add Leser make safety valve	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
61		112 OF 174	1.7.14 Safety	CO2 flooding system shall consist of two nos. of min 25 kg each CO2 cylinders. However actual size of the cylinder shall be as per compressor enclosure size. The Supplier shall submit necessary calculation during detailed engineering	Considering the size of our canopy, 2 Nos, 22.5 kg cylinders of CO2 are enough. The necessary sizing calculations will be provided during detailed engineering.	Ok Noted but the necessary sizing calculations will be provided during the detailed engineering. If VGL require increasing the capacity, you are amended in detailed engineering.
62		109 of 174	1.6 Scope Of Supply For Each Compressor Package:	All inlet & Outlet ¾” (0.095” min wall thick) SS Tubing (Approx. 200 Mtr – Sandvik/Tubacex) of the compressors are supply by the contractor.	The bidder understands that the required ¾” (0.095” min wall thickness) SS Tube (approximately 200 Mtr – Sandvik/Tubacex) will be supplied loose. Please confirm.	Yes, 200 mtr SS tube with each package.
63		10 of 174	2.0.F The Brief Details Of The Tender	Delivery Period 04 Weeks	We respectfully request an extension of the delivery period from 4 weeks to 16 weeks, as the current timeline is insufficient to meet quality and logistical requirements.	Delivery Schedule: 04 weeks from the approved drawing or intimation of VGL.



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64		124 of 174	13. Guaranteed Parameters - Booster Compressor	Electric power consumption in KWH with no (+) tolerance with overall full range of suction pressure (from 30kg/Cm2(g) to 200 kg/Cm2(g) varying on continuous basis) to compress 450 SCMH gas with no (-) tolerance for loading and penalty purpose	With reference to clause 13 tender document regarding Power consumption, we are attaching the reference of tender floated by many CGD Companies: Please find the relevant reference below for your kind consideration. Reference 1. The tender floated by M/s Bhagyanagar Gas Limited dated 30.07.2025 (Pg -94 of 147), which clearly mentions that "Bidder shall not be given any advantage/credit for quoting power consumption below 20 KWH." Reference 2. The tender floated by M/s HPOIL dated 26.06.2025 (Pg -19 of 53), which clearly mentions that "If bidder quotes less than 20 KWH. No advantage will be given for quoting less than 20 KWH" Every CGD company typically mentions power consumption in their tenders as part of the evaluation criteria. In this regard, we kindly request that you include the power consumption details in the tender document. This will ensure a fair and transparent evaluation process for all participating bidders. This is a key requirement for compressor tender and we can share many more tenders where this clause is defined. Request you to kindly review the attached tender document and the relevant sections are highlighted for your reference and modify your clause related to power consumption in this tender as well.	Power Consumption Loading Calculation; Differential operating cost (Ex) Ex (in Rs) = (Eb-E0) X Re X 21900  Where, Ex = Differential electricity operating cost.  Eb = Average total power quoted by the Supplier to be loaded for compressor package in KW. EO= Lowest average total power quoted by the any Supplier or 29 KWH whichever is lower for compressor package in KW  Re -- Unit rate of electricity i.e. Rs 8.00  Note:- Guaranteed electrical Power consumption below 20 KWH is not acceptable and Further, there is no limit of the the financial loading on account of power consumption
65		126 of 174	16 Operation & Maintenance Services	The supplier is required to carry out all services as mentioned in the Scope of Services and Schedule of Rates on all the 365 days including Sunday and all Holiday & around the clock.	Kindly confirm whether operation and maintenance activities are to be carried out in all three shifts (i.e., morning, evening, and night) including Sundays and holidays, on a round-the-clock basis	03 shift per day
66		80 of 174	21. Responsibilities Of The Contractor For Complianace With Labour/Industrial Laws:	Minimum Wage: The Minimum Wages shall be paid as notified by the Central Government or State Government, whichever is higher, as per the provisions of The Minimum Wages Act, 1948 / The Code on Wages, 2019, as applicable to Vadodara being notified by Dy. Chief Labour Commissioner (Central), Ahmedabad from time to time. Wage Period and Monthly wages– Wage period shall be monthly and wages for a month will be calculated by multiplying daily rate of Minimum Wages by 26.	Kindly confirm Which category of wages (Class A, B, or C) under the applicable Minimum Wages Act / Code on Wages, 2019 should be considered for Vadodara? Also, please confirm State or Central wages to consider.	Minimum Wage: The Minimum Wages shall be paid as notified by the Central Government or State Government, whichever is higher, as per the provisions of The Minimum Wages Act, 1948 / The Code on Wages, 2019, as applicable to Vadodara being notified by Dy. Chief Labour Commissioner (Central), Ahmedabad from time to time.





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67				Warranty period	The bidder understands that, the Warranty Period (DLP) should be 12 months from the date of completion (i.e., commissioning) or 18 months from the date of the shipment of individual compressor, whichever is earlier. Kindly confirm the same.	Yes 12 Months from the date of Commissioning & 18 Months from the Date of Supply.
68		Page 110 of 174	1.6 Scope Of Supply For Each Compressor Package:	All inlet & Outlet ¾” (0.095” min wall thick) SS Tubing (Approx. 200 Mtr – Sandvik/Tubacex) of the compressors are supply by the contractor.	If the bidder's understanding is correct, 200 mtr tube is not in the bidder's scope and will be provided by the station contractor. Kindly clarify	All inlet & Outlet ¾” (0.095” min wall thick) SS Tubing (Approx. 200 Mtr – Sandvik/Tubacex) of the each compressor are supply by the Bidder.
69		Page 114 of 174	3.8 Cooling System	Water or Air-cooled inter-stage and final stage discharge coolers shall be provided which shall limit the gas temperature after the after cooler to 50-degree Cooler design shall be on the basis of 20% extra load corresponding to max severe operating conditions based on the thermal duty. Gas coolers shall be designed as per API-661 requirements.	Bidder is informing that Dry cooler is designed as per ASME standards and our in-house design philosophy. However, IBR stamping is not applicable for this application. Kindly accept without IBR stamping.	Tender Conditions shall prevail.
70		Page 114 of 174	3.9 Enclosure Of CNG Compressor Package	3.9.1 The maximum allowed temperature within the enclosure shall be 5°C above ambient temperature.	Bidder is informing the as per the current atmospheric conditions; please consider 10 °C above the ambient temperature.	Tender Conditions shall prevail.
71		Page 119 of 174	5.0 Instrumentation & Controls	5.1.6 All temperature and pressure gauges shall be mounted on gauge panel visible from outside.	Bidder is requesting, kindly accept the temperature transmitter and pressure gauge. Due to space constraints in the design, temperature gauge is not feasible	Ok Noted.
72		Page 118 of 174	FLP Motors	ABB/Compton/Siemens/ Bharat Bijlee	Bidder is requesting kindly accept LHP make FLP motors. This make is already approved in many CGD companies. Kindly approved the same.	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
73		Page 118 of 174	IR Gas detectors	General Monitors / Crowcon / Honeywell / Sieger / Detronics/ Khrome Schroder / Net safety.	Bidder is requesting Kindly accept PESO approved Ambetronics/ANACON PROCESS CONTROL/Drager/PPS makes for Gas Detectors. These makes are already approved in many CGD companies and also we can provide PESO approval for the same. Kindly approved the same.	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
74		Page 118 of 174	UV Flame detectors	General Monitors / Crowcon / Honeywell / Sieger /Detronics/ Khrome Schroder / Net safety.	Bidder is requesting Kindly accept PESO approved Ambetronics/ANACON PROCESS CONTROL/ Pluto-Krom-schorder /PPSS makes for Flame Detectors. These makes are already approved in many CGD companies and also we can provide PESO approval for the same. Kindly approved the same.	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
75		Page 119 of 174	SS Tubes	M/s Sandvik, Sweden/ M/s Tubasax	Bidder is requesting kindly accept Jindal/Ratnamani makes for SS tubes. These makes are already approved in many CGD companies. Kindly approved the same.	SS Tubes - M/s Sandvik, Sweden/ M/s Tubasax



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76		Page 119 of 174	SS Fittings	M/s Swagelok (USA)/ M/s Parker (USA)/ M/s Hoke (Circore Instruments)/ M/s Hamlet/ M/S SSP/M/S BMT Korea/ HYLOK	Bidder is requesting kindly accept DK Lok make for SS fittings. This make is already approved in many CGD companies. Kindly approved the same.	SS Fittings – Swagelok/Parker/DK LOK
77		Page 119 of 174	Solenoid Valve	M/s ASCO / M/s Rotex / M/s parker Hanifen	Kindly accept peso approved Seitz make  Bidder is requesting Kindly accept PESO approved Seitz make for Solenoid Valves. This make is already approved in many CGD companies and also, we can provide PESO approval for the same. Kindly approved the same.	Ok Noted. Bidder is requested to submit the valid PESO approval along with the Bid Documents.
78		Page 119 of 174	On off ball/needle valve	M/s Parker / M/s Swagelok	Bidder is requesting kindly accept DK Lok make for On Off Ball/Needle Valve. This make is already approved in many CGD companies. Kindly approved the same.	On off ball/needle valve – M/s Parker / M/s Swagelok/DKLOK

**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.**