



Vadodara Gas Limited
Replies to Bidder's Queries

SUBJECT: Purchase of 06 Nos. 600 SCMH Booster Compressor with 05 Years Comprehensive AMC for New CNG Stations on ARC Basis.

TENDER NO.: VGL/CO/C&P-CNG/BD202608P366 Dated 11/09/2026 & **TENDER ID:** 344410.

Sl. No.	Sec. No	Page No.	Cause No.	Subject	Bidder's Query	VGL's Reply
1.	Section-V Scope of Work	125 of 176	4.3.3 Preferred makes shall be as follows	11. PT	You are requested to approve Baumer make PT. Baumer make is already approved and considered in all other prominent CGD Companies like HPCL, BPCL, IOCL etc.	Ok Noted. However, bidder may be requested to submit the PESO Approval at the time of detailed drawing approval.
2.	Section-V Scope of Work	125 of 176	4.3.3 Preferred makes shall be as follows	11. PT	You are requested to approve Waree make PT. Waree make is already approved and considered in all other prominent CGD Companies like HPCL, BPCL, IOCL etc.	Ok Noted. However, bidder may be requested to submit the PESO Approval at the time of detailed drawing approval.
3.	Section-V Scope of Work	125 of 176	4.3.3 Preferred makes shall be as follows	14. SS TUBE	You are requested to approve Jindal Saw Ltd. make SS Tubes. Jindal Saw Ltd. make is already approved and considered in all other prominent CGD Companies like HPCL, BPCL, IOCL etc.	TCP
4.	Section-V Scope of Work	125 of 176	4.3.3 Preferred makes shall be as follows	8. IR Gas Detectors	You are requested to approve Ambetronics make IR Gas Detector. Ambetronics make is already approved and considered in all other prominent CGD Companies like HPCL, BPCL, IOCL etc.	Ok Noted.
5.	Section-V Scope of Work	125 of 176	4.3.3 Preferred makes shall be as follows	9. UV Flame Detectors	You are requested to approve Ambetronics make UV Flame Detector. Ambetronics make is already approved and considered in all other prominent CGD Companies like HPCL, BPCL, IOCL etc.	Ok Noted.
6.	V	125/176	4.3.3	Prefered Makes- FLP Motors	Bidder requests to include M/s. LHP make for FLP Motors in approved vendor list. LHP make is PESO approved and is approved in all other prominent CGD companies like HPCL, BPCL, IOCL etc.	Ok Noted. However, bidder may be requested to submit the PESO Approval at the time of detailed drawing approval.
7	V	125/176	4.3.3	Prefered Makes- IR Gas Detectors	Bidder requests to include M/s. ESP Safety and M/s. Ambetronics make for gas Detector in approved vendor list. Both makes are PESO approved and are in vendor list of all other prominent CGD companies like HHPCL, BPCL IOCL, Gail Gas, Gail India etc.	Ok Noted. However, bidder may be requested to submit the PESO Approval at the time of detailed drawing approval.
8	V	125/176	4.3.3	Prefered Makes-UV Flame Detectors	Bidder requests to include M/s. ESP Safety and M/s. Ambetronics make for UV Flame Detector in approved vendor list. Both makes are PESO approved and are in vendor list of all other prominent CGD companies like HPCL,BPCL, IOCL, Gail Gas, Gail India etc.	Ok Noted. However, bidder may be requested to submit the PESO Approval at the time of detailed drawing approval.
9	V	125/176	4.3.3	Prefered Makes-PSV	Bidder requests to include M/s. Fainger Leser make for PSV in approved vendor list. Finger Leser make is approved in all other prominent CGD companies like HPCL,	Ok Noted. However, bidder may be requested to submit the PESO Approval at the time of detailed drawing approval.



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					BPCL, IOCL.	
10	V	125/176	4.3.3	Prefered 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, Gail India.	Tender Conditions Prevails
11	V	125/176	4.3.3	Prefered Makes-SS Fittings	Bidder requests to include M/s. Dk lock make for SS- Fittings in approved vendor list. DK lock make is approved in all other prominent CGD companies like HPCL, BPCL, IOCL.	DK Lok make is approved by VGL.
12	V	125/176	4.3.3	Prefered Makes-On off ball/needle valve	Bidder requests to include M/s. Dk Lock make for On off ball/needle valve in approved vendor list. DK lock make is approved in all other prominent CGD companies like HPCL, BPCL, IOCL.	DK Lok make is approved by VGL.
13	V	128/176	6.11	Cable from PDV to Compressor skid shall be laid by purchaser	Refer clause 6.11 where supply and laying of cable is in purchaser's scope. Please clarify this contradiction. If supply of cable is in scope of bidder, then please confirm the maximum possible distance between electrical room & booster compressor installation to determine total length of incoming cable	Main panel to Compressor – approx. 75 mtr. UPS to Compressor PLS – Approx 75 mtr. ESD cable – 85 mtr. Main panel to air compressor - 50 mtr. Compressor to Co2 – 20 mtr. Earthing Cable – 20 mtr.
14	V	115/176	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.	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.	37 Kw Maine Motor Required.
15	V	116/176	1.6	All inlet & Outlet ¾" (0.095" min wall thick) SS Tubing (Approx. 200 Mtr	It is bidders understanding that only 200 mtr tubing shall be supplied by bidder however Tube	Bidder is requested not to supply any tubing.



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				–Sandvik/Tubacex) of the compressors are supply by the contractor.	laying is not in scope of bidder.	
16		Page 117 of 176	1.7 Safety	1.7.6 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.	Bidder wants to inform you that accordingly our size of booster canopy, one IR type L.E.L detectors and one Ultra Violet (UV)/IR fire detectors in each enclosure to cover the enclosures sufficient. Kindly consider the same.	Tender Conditions Prevails
17	-	Page 117 of 176	1.7 Safety	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	Bidder wants to inform you that 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. Kindly consider the same.	Ok Noted.
18	-	Page 117 of 176	1.7 Safety	CO2 flooding system shall consist of two nos. of min 25 kg each CO2 cylinder However actual size of the cylinder shall be as per compressor enclosure size.	Bidder wants to inform you that as per our design we follow NFPA-12, two cylinders (1 working and 1 standby), each with a capacity of 22.5 kg are sufficient for our system. We will provide the sizing calculations during the detailed engineering phase. Kindly provide your acceptance for the same.	Ok Noted.
19	-	Page 118 of 176	2. UTILITIES & BATTERY LIMITS	2.1.1 Air compressor with discharge pressure of 7 kg/cm2 (g) suitable for 1.5KW /2 KW (adequate for smooth operation of all pneumatic controllers) electric motor rating with dryer and oil filter shall be supplied by the Supplier. Air receiver of min. 100 litre water capacity shall be VGL/CO/C&P-CNG/BD202607P355/ Page 119 of 176 Vadodara Gas Limited provided.	Bidders want to inform you that our boosters utilize PESO-approved electromagnetic valves designed for prioritized operation. Air compressors are not required for any operation. Compared to pneumatic valves, this system is more reliable and efficient, as fluctuations in air pressure can directly impact booster efficiency and may cause diaphragm damage or malfunction. Many CGD companies have already approved and are successfully using these electromagnetic valves. We can provide a PTR during the design phase. Kinldy consider the same.	Ok Noted.
20	-	Page 120 of 176	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 requested as per the current atmospheric conditions, please consider 10 °C above the ambient temperature.	Tender Conditions Prevails
21	-	Page 126 of 176	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. Kindly consider the same.	Ok Noted.
22	-	Page 127 of 176	5.2 PRIORITY FILL SYSTEM	Tubing and valves from LCV cascade and stationary cascade to compressor shall be ¾” SS 316 OD and other tubing and valves shall be ¾” size. End connections shall be ¾” size pipe	Bidder wants to inform you that as per our standard design philosphy, suction line shall be ¾" tube OD and discharge connection along with reducing union 1/2"X3/4" Tube OD adopter in end connection of 1/2" tube OD and priority panel	Tender Conditions Prevails



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				OD.	shall be design 1/2" tube OD. Please confirm the same.	
23	-	Page 127 of 176	6. CABLING	6.11 Following electrical cables shall be supplied and laid by purchaser	Kindly confirm whether all external cables shall be in the scope of the purchaser or the bidder. If the cables are under bidder scope, request you to specify the cable lengths for the following: -ESD to Process Area Fencing -Electrical Room to Compressor Package -CO ₂ System to Compressor -Earthing Cable	Main panel to Compressor – approx. 75 mtr. UPS to Compressor PLS – Approx 75 mtr. ESD cable – 85 mtr. Main panel to air compressor - 50 mtr. Compressor to Co2 – 20 mtr. Earthing Cable – 20 mtr.
24	-	Page 116 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.	As per bidder understanding, 200 mtr. tube is not in the bidder's scope and will be provided by the station contractor. Kindly clarify.	Bidder is requested to not supply any tubing.
25	-	Page 117 of 174	1.7 Safety	1.7.6 Package enclosures shall have two IR type L.E.L detectors and two Ultraviolet (UV)/IR fire detectors in each enclosure to cover the enclosures effectively	Bidder wants to inform you that accordingly our size of booster canopy less than 5m3, one IR type L.E.L detectors and one Ultraviolet (UV)/IR fire detectors in each enclosure to cover the enclosures sufficient as per NFPA-12. Kindly consider the same.	Tender Conditions Prevails
26	-	Page 125 of 176	FLP Motors	ABB/Compton/Siemens/ Bharat Bijlee	Bidder is requesting kindly accept Peso approved LHP make for FLP motor. This make is already approved in many CGD companies MNGL, BPCL, MGL, IOCL, MNGL, HPCL etc. PTR will be submit during detail engineering. Kindly approved the same.	Ok Noted. However, bidder may be requested to submit the PESO Approval at the time of detailed drawing approval.
27	-	Page 125 of 176	PLC	Rockwell Automation/ GE Fanuc/ Siemens/ Allen Bradley / L&T/ Schneider make	Bidder is requesting kindly consider Phoenix make PLC.	Ok Noted.
28	-	Page 125 of 176	IR Gas detectors	General Monitors / Crowcon / Honeywell / Sieger /Detronics/ Khrome Schroder / Net safety.	Bidder is requesting kindly accept Ambetronics/ ANACON PROCESS CONTROL/Drager/PPS makes for IR Gas Detectors. These makes are already approved in many CGD companies MNGL, BPCL, IOCL, HPCL, MGL etc. Kindly approved the same.	Ok Noted. However, bidder may be requested to submit the PESO Approval at the time of detailed drawing approval.
29	-	Page 125 of 176	UV Flame detectors	General Monitors / Crowcon / Honeywell / Sieger/Detronics/ Khrome Schroder / Net safety.	Bidder is requesting kindly accept Ambetronics/ANACON PROCESS CONTROL/ Pluto-Krom-schorder make/PPS makes for UV Flame Detectors. These makes are already approved in many CGD companies MNGL, BPCL, IOCL, HPCL, MGL etc. Kindly approved the same.	Ok Noted. However, bidder may be requested to submit the PESO Approval at the time of detailed drawing approval.
30	-	Page 125 of 176	PT	Druck/Wika/Honeywell/ABB/Rosmount	Bidder is requesting kindly accept Peso approved Huba make for PT. This make is already approved in many CGD companies.PTR will be submit	Ok Noted. However, bidder may be requested to submit the PESO Approval at the time of detailed drawing approval.



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					during detail engineering. Kindly approved the same.	
31	-	Page 125 of 176	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 MNGL, BPCL, IOCL, HPCL, MGL etc. Kindly approved the same.	Tender Conditions Prevails
32	-	Page 125 of 176	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 MNGL, BPCL, IOCL, HPCL, MGL etc. Kindly approved the same.	DK Lok make is approved by VGL.
33	-	Page 125 of 176	Solenoid Valve	M/s ASCO / M/s Rotex / M/s parker Hanifen	Bidder is requesting kindly accept PESO approved Sietz/IMI Norgren Heroin makes for solenoid valve and coil. These makes are already approved in many CGD companies like MNGL, BPCL, MGL, IOCL, HPCL etc. We will submit PTR during detail engineering.	Ok Noted. However, bidder may be requested to submit the PESO Approval at the time of detailed drawing approval.
34	-	Page 125 of 176	On off ball/needle valve	M/s Parker / M/s Swageloc	Bidder is requesting kindly accept DK Lok make for ball valves. This make is already approved in many CGD companies MNGL, BPCL, IOCL, HPCL, MGL etc. Kindly approved the same.	DK Lok make is approved by VGL.
35	-	Page 10 of 176	Delivery Period	06 Weeks	Bidder is requesting kindly consider delivery period 10 weeks from the date of P.O.	Tender Conditions Prevails
36		Page 13 of 176	Technical Criteria	(2) The bidder shall have supplied to any CGD firm at least 2 nos. of Hydraulic Booster Compressor package of 400 SCMh or higher capacity with 37 KW motor, with discharge pressure of 250kg/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. Further, the Bidder should have also designed, engineered, tested, installed & commissioned minimum Two (02) Nos. of Hydraulic Booster Compressor package of 400 SCMh or higher with 37 KW motor, capacity during last Seven (07). (3) The bidder shall have experience of supplying at least Two (02) Nos. of	Bidder would like to bring to your kind attention that, based on the documents specified/required under the tender, there appears to be no document, including Tender Documents, Datasheet, Purchase Order (PO), Inspection Release Note (IRN), Commissioning Report, Performance Acceptance Test (PAT) Report, or Execution Certificate, which clearly establishes that the bidder has supplied and commissioned a 400 SCMh capacity Booster Compressor equipped with a 37 kW motor. Even client provided Execution Certificate also does not confirm that the 400 SCMh capacity Booster Compressor, which has successfully completed 4,000 hours of operation, was equipped with a 37 kW motor. In view of the above, we request you to kindly consider 600 SCMh or 37 kW Booster	Experience of Hydraulic Booster Compressor Packages having a capacity of 400 SCMh or higher and equipped with a 37 kW motor shall be considered for qualification. The bidder must furnish documentary evidence in support of the above requirement, including successful supply, commissioning, and satisfactory operation for a minimum of 4,000 running hours.



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				Hydraulic Booster Compressor package of 400 SCMH or higher with 37 KW motor capacity the same model or out of abovementioned qty. with continuous trouble-free satisfactory operations in the field for a minimum 4000 running hours (in last 7 years) reckoned from the tender submission due date.	Compressor as an acceptable equivalent for meeting the relevant qualification/experience requirement, instead of restricting the requirement specifically to a 400 SCMH Booster Compressor with a 37 kW motor. This will enable wider and fair participation of technically capable bidders having proven experience with higher-capacity Booster Compressors operating with the specified 37 kW motor, while maintaining the required technical and performance standards of the tender. We therefore request you to kindly consider and suitably amend/clarify the relevant qualification criteria to permit 600 SCMH or higher capacity Booster Compressor with 37 kW motor for the purpose of qualification. Requested Clarification / Amendment: Kindly confirm whether experience of successfully supplying/commissioning a 600 SCMH or higher capacity Booster Compressor with a 37 kW motor, supported by relevant documentary evidence, shall be considered acceptable for meeting the qualification requirement.	
37		115 of 176	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.
38		115 of 176	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,	Please confirm the maximum possible distance between electrical room & booster compressor installation.	Main panel to Compressor – approx. 75 mtr. UPS to Compressor PLS – Approx 75 mtr. ESD cable – 85 mtr. Main panel to air compressor - 50 mtr. Compressor to Co2 – 20 mtr. Earthing Cable – 20 mtr.



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				Co2 Flooding System, UPS, PLC, Instruments, etc from main panel are in scope of contractor.		
39		117 of 176	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 intergral part of the single intensifier, therefore not required. Applicable for online reciprocating compressors.	Ok Noted.
40		116 of 176	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	Ok Noted.
41		119 Of 176	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.	Ok Noted.
42		121 of 176	3.9.7	For handling of all heavy parts for maintenance purpose lifting arrangement i.e. beam fitted with chain hoists 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.
43		122 of 176	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-cooler to remove oil from compressed gas. The oil mist removal system offered 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 provided.	Ok Noted.
44		123 of 176	4.1.3	Emergency stop at Compressor panel and Control Room/Sale room Shut / Stop Auto / Manuals Fault accept Fault reset CO2 cylinder bypass Test button for lamp & hooter Maintenance Over ride switch	we don't offer the CO2 bypass as it compromises the safety.	Ok Noted.
45		123 of 176	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.	Tender Conditions Prevails



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46		126 of 176	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	Ok Noted.
47		127 of 176	5.1.7	Hour meter	Non resettable hour meters provided on HMI	Ok Noted.
48		138 of 176	16.15.11	Calibration shall be done from government-approved laboratories and shall be carried out at least 15 days prior to the 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.
49		121 of 176	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.	Ok Noted.
50		125 of 176	4.3.3 Preferred makes shall be as follows	FLP Motor	Bidder requests to approve Flameproof motor Hindustan Electric Motor/ LHP	Ok Noted. However, bidder may be requested to submit the PESO Approval at the time of detailed drawing approval.
51		125 of 176	4.3.3 Preferred make shall be as follows	FLP Switchgear	Kindly approve Saai Electrica, Shyam Switch Gear makes. These makes are PESO approved.	Ok Noted. However, bidder may be requested to submit the PESO Approval at the time of detailed drawing approval.
52		125 of 176	4.3.3 Preferred makes shall be as follows	On Off ball/ needle valve for CNG application	For high pressure ball valve kindly approve DK LOK/ HYLOK/Dawsons-Tech makes.	DK Lok make is approved by VGL.
53		125 of 176	4.3.3 Preferred make shall be as follows	All high-pressure double ferrule fitting and valves shall be from SWAGELOK/ PARKER makes & shall be S.S. material only. The 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.	DK Lok make is approved by VGL.
54		125 of 176	4.3.3 Preferred makes shall be as follows	RTD	Kindly approve m/s AN instruments and m/s Pune Techtrol	Ok Noted. However, bidder may be requested to submit the PESO Approval at the time of detailed drawing approval.
55		125 of 176	4.3.3 Preferred makes shall be as follows	SS Tube	Kindly approve Ratnamani make.	Tender Conditions Prevails
56		125 of 176	4.3.3 Preferred makes shall be as follows	Solenoid Valve	Kindly approve Aira and Elomatic makes	Ok Noted. However, bidder may be requested to submit the PESO Approval at the time of detailed drawing approval.
57		125 of 176	4.3.3 Preferred makes shall be as follows	Gas Detector	We request you to add ESP make for Gas Detector	Ok Noted. However, bidder may be requested to submit the PESO Approval at the time of detailed drawing approval.
58		125 of 176	4.3.3 Preferred makes shall be as follows	Flame Detector	We request you to add ESP make for Flame Detector	Ok Noted. However, bidder may be requested to submit the PESO Approval at the time of detailed drawing approval.



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59		125 of 176	4.3.3 Preferred makes shall be as follows	PSV	We request you to add Leser make safety valve	Ok Noted. However, bidder may be requested to submit the PESO Approval at the time of detailed drawing approval.
60		116 of 176	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.	Bidder is requested to not supply any tubing.
61		131 of 176	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 600 SCMH gas with no (-) tolerance for loading and penalty purpose	With reference to clause 13 tender document regarding Power consumption, 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. Request you to kindly review and modify your clause related to power consumption in this tender as well.	1. LOADING AGAINST ENERGY CONSUMPTION: The compressor package shall be designed in such a way that Energy Consumption (KWH/Kg) should be minimum for production of CNG. Bidder shall indicate actual energy consumption for their compressor package. This quoted figure will be used for evaluation and total quoted price for all compressors towards supply, special tools & tackles, erection and commissioning will be loaded as per following formulas: For 600 SCMH Compressor $F = (G-33) \times H \times I \times N$ Where, F = Loading amount in Rs. G = Bidder's Energy consumption rate quoted in KWH for producing 600SCMH of CNG G- = Bidder's energy consumption rate over and above 33 KWH H = Cost of Energy INR 8/Kwh I = Factor towards lifecycle in hours @ 14600 hours N = Number of machines Note: Bidder shall not be given any advantage/credit for quoting power consumption below 33 KWH for 600 SCMH. 2. PENALTY TOWARDS EXCESS ENERGY CONSUMPTION: At the start of O&M period or even at any point of time during the O&M period, cost towards excess power consumption beyond quoted figure shall be deducted from O&M bills. Following calculations shall be used for deduction towards excess power consumption. $F = (G-Q) \times H$



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						Where, F = Monthly Penalty in Rs. G = Monthly Actual power consumption (KWH) Q = Guaranteed consumption rate quoted by supplier for every 452 Kg of CNG 452 (for 600 SCMH respectively) X CNG produced during the month H = Cost of power Rs. 8/Kwh
62		82 of 176	21. RESPONSIBILITIES OF THE CONTRACTOR FOR COMPLINACE 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.	Consider the Central wages & Class B/C category of wages.

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.