

Replies to Pre-Bid Queries

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Tender No. : GSL/REPL/002/CP Name of Work : ANNUAL RATE CONTRACT FOR SUPPLY OF MOTOR DRIVEN CNG COMPRESSOR AT CHURU, MANDI, PAURI GARWAL (RISHIKESH) & CHAMPAWAT GA			Date / Time of Pre- Bid Meeting: 09/11/22	
S. No.	Tender Clause No. / Annexures	DESCRIPTION	Bidders Comments / Queries	GSL/ REPL Reply
1	COMMERCIAL VOLUME I of II	21.0 PUBLIC PROCUREMENT POLICY FOR MICRO ANSD SMALL ENTERPRISES ii) Exemption to MSEs from payment of EMD/ Bid Security.	We request you to kindly consider Exemption for submission of EMD for " Medium " Enterprises also. As exemption to EMD submission to Medium Enterprises have been Provided by M/s. MGL, MNGL and other CGD Companies.	Tender condition prevails.
2	COMMERCIAL VOLUME I of II	17.0 Repeat Order shall be as Per Clause 40.0 of GCC – Goods	Repeat order should be on mutual consent basis. Please confirm	Tender condition prevails.
3	COMMERCIAL VOLUME I of II	22. CONTRACT PERFORMANCE BANK GUARANTEE: 22.1 Within 15 days after the Bidder's receipt of notification of award of the CONTRACT, the Bidder shall furnish Security Deposit in the form of Bank Guarantee to the PURCHASER, for an amount equivalent to 3% of the total Purchase Order value (Excluding taxes & duties). Performance Bank guarantee shall be valid for a period of 3 months beyond the expiry of Defect Liability Period/ Warranty-Guarantee Period (which shall also include the delivery period & contract period). The validity of bank guarantee shall be 03 months beyond Defect Liability Period/ Warranty- Guarantee Period (which shall also include the delivery period). 4 CONTRACT PERFORMANCE BANK GUARANTEE 4.1 Within 30 days of the award of work order, the successful bidder shall furnish the performance guarantee in the form as provided in the Bid documents. 4.2 Within 30 days from the date of issue of individual Kilometer Wise Work Order, the Bidder shall furnish Performance Guarantee in the form of Bank Guarantee to the PURCHASER, for an amount equivalent to 10% of the Order value (Excluding taxes & duties).	It is bidders understanding that a total of 2 BGs need to submitted one BG of 3% of total PO value (excluding taxes and duties) and second BG for AMC an amount equivalent to 10% of the AMC part of Delivery Order value (Excluding taxes & duties). Please confirm.	Confirmed
4	COMMERCIAL VOLUME I of II	4.4 DELIVERY PERIOD Supply of LOT-1:06 Weeks from the Date of issue of LOA / FOA / Release Order. Supply of LOT-2: 12 Weeks from the Date of issue of LOA / FOA / Release Order	Bidder requests for relaxation of Delivery Period for each lot as supply from subvendors both foreign and indigenious have long lead time of supply. Bidder proposes delivery period of 04 months from the date of intimation / issuance of release order.	Tender condition prevails.
5	COMMERCIAL VOLUME I of II	Note- Re-transportation from client store to site shall be reimbursed as per actuals on submission of Tax Invoice subject to price reasonability as per market situation & prior approval from GSL.	In case of re-transportation from client store to site bidder requests to keep arrangement of crane for unloading in owners scope.	Tender condition prevails.
6	VOLUME II of II, (pg no. 25 of 28)	4. General i) The operation and maintenance services shall be provided in terms of shift pattern on the round the clock basis as mentioned in the tender document. In case of Compressor operations are less than or equal to 2 shift operations the recovery for the O&M charges equivalent to the applicable minimum wages for skilled category shall be applicable. Recovery will be made on monthly basis from O&M running Invoices.	Shift pattern need to be fixed before bid submission as bidder need to consider no. of shifts in its operation cost and related compliances. Recovery system is not practically possible and may unnecessarily result in dispute between supplier and owner due to deductions in AMC invoices.	Bidder to quote on the round the clock basis. Tender condition prevails.
7	VOLUME II of II, (pg no. 26 of 28)	xiv) It will be the responsibility of the bidder to pay as per the minimum wages of the appropriate government applicable under the Minimum Wage Act.	Bidder needs confirmation whether min wages shall be applicable as per state wages or central wages.	Minimum wages shall be applicable as per state wages.

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8	VOLUME II of II, (pg no. 5 of 28)	1.7.11.1 Two no. Gas Detector IR type which have self-check function to generate fault alarm and have 4 to 20 mA transmitter for 0 to 100% LEL shall be provided. Supplier shall provide suitable comparator like trip amplifier to generate alarm signal at 20 % LEL and trip signal at 50% LEL. Indication lamp shall be provided for fault, alarm and trip signal in LCP.	It is bidders understanding only 1 no. GD and 1 no. FD need to considered with Booster packages as per clause no. 1.7.6. Please clarify.	Clause no. 1.7.11.1 prevails.
9	VOLUME II of II, (pg no. 26 of 28)	5. Operation and Maintenance of compressor packages during one year warranty Period and further 4 year of post warranty period.	It is bidders understanding that AMC rates shall be applicable as per rate slabs quoted in SOR i.e. for instance in case booster is commissioned after 1 year of supply due to non readiness of site then AMC rates for 2nd year after warranty period shall be applicable as per SOR. Please confirm	If the commissioning done within 6 months from date of delivery, O&M rates are considered of 1st year itself, else next year shall be calculated from the date of delivery.
10	VOLUME II of II, (pg no. 9 of 28)	3.10.5 All the pressure, temperature, oil level, lube oil pressure, coolant temperature, coolant level indicators shall be visible from outside of enclosures and shall be mounted on gauge panel visible from outside.	All required parameters are provided in HMI Display of Booster packages as standard.	Noted
11	VOLUME II of II, (pg no. 9 of 28)	3.10.7 For handling of all heavy parts for maintenance purpose lifting arrangement i.e. beam fitted with chain hoist shall be provided in enclosure.	Beam fitted with Chain hoist is not required in Booster as there is enough space inside booster to handle heavy parts in more convenient manner.	Noted
12	VOLUME II of II, (pg no. 13 of 28)	PREFERRED MAKES	Bidder requests to allow use of sub vendors which are reputed and proven makes and as more than 250 boosters to CGD Companies are giving trouble-free performance till date.	As clause 4.2.3 Tender condition prevails.
13	Volume I of II Clause no. 42 of Page no. 27	CONTRACT PERFORMANCE BANK GUARANTEE - : The Contract Performance Bank Guarantee shall be of 3 % amount of total contract value towards faithful Performance of the contractual obligations and performance of work / equipment,	This clause is not acceptable. Separate PBG shall be submitted towards supply and O&M. We therefore request for amendment as under :- a)PBG shall be submitted for 3% of basic order value towards supply, Installation & Commissioning of compressor. b)PBG towards Operation & Maintenance shall be submitted after commencement of O&M @ 3% of basic annualized value on annual basis.	Tender condition prevails.
14	Volume I of II Clause no. 35 of Page no. 49	Minimum Wages Act, 1948	Please consider State Wages Act for operation services	Minimum wages shall be applicable as per state wages.
15	Technical specification Volume II of II Clause no. 1.6 of Page no.4 of 28	Mass Flow Meter (Emerson (Micro-motion) / Compac / E&H or equivalent (PESO approved make or model) at the inlet & outlet of Compressor package.	2 Nos. Mass Flow Meter is required to be installed in Online Compressor to calculate package gas loss. Since there is no package gas loss in Booster Compressor, we feel that additional flow meter at discharge line is not required. It will just add a considerable cost of compressor's package and O&M cost. Please confirm.	Tender condition prevails.
		FLP Motor	Please add OME s.r.l Italy Motor as M/s Crompton Greaves has shut down the manufacturing and there is delivery and quality issue with M/s Bharat Bijlee. We have started using OME s.r.l. Motors. OME s.r.l. Motor has been approved by SGL, MNGL, IndianOil-Adani Gas and Green Gas. These motors have been approved by PESO.	
	Technical specification Volume II of II Clause no.4.2.3 of Page no. 13 of 28	FLP Switchgear:	Please add Shyaam and Kaysons Make FLP Switchgear as demand of DBC is very high. The same has also been approved by IndianOil-Adani, MNGL, SGL and Green Gas. These Switchgear have been approved by PESO.	

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16		IR Gas detectors & UV Flame detectors:	Please include Draeger make GD & FD in approved vendor list. The same is already approved in other CGD companies.	As clause no.4.2.3 The preferred make or equivalent is acceptable, Provided it is approved in PESO and have successfully supplied in atleast one CGD in India.
		On off ball valves & Fittings:-	Please add DK LOK make SS Valves & Fittings. DK LOK is already approved in all other CGD companies including Gail/Mecon.	
		Pressure & temperature gauge:	Please add Baumer Make Pressure and Temperature gauge in Recommended Make list. Baumer is already approved in other CGD companies.	
	Technical Volume Clause 4.2.3 Vendor Makes	FLP Motor	Request to accept M/s. LHP & M/s. HEM as the approved make, as we have supplied the same with necessary PESO certificates and documents across CGD industries.	
	Technical Volume Clause 4.2.3 Vendor Makes	FLP Switchgear	Request to accept M/s. Saai Electrical as the approved make, as we have supplied the same with necessary PESO certificates and documents across CGD industries.	
	Technical Volume Clause 4.2.3 Vendor Makes	IR Gas Detectors	Request to accept M/s. ESP Safety and M/s. Ambtronics as the approved make, as we have supplied the same with necessary PESO certificates and documents across CGD industries.	
	Technical Volume Clause 4.2.3 Vendor Makes	UV Flame Detectors	Request to accept M/s. ESP Safety and M/s. Ambtronics as the approved make, as we have supplied the same with necessary PESO certificates and documents across CGD industries.	
Technical Volume Clause 4.2.3 Vendor Makes	SS Tubes	Request to accept M/s. Ratnamani as the approved make, as we have supplied the same with necessary certificates and documents across CGD industries.		
17	4.3 SCOPE OF WORK Page no. 6	ARC FOR SUPPLY OF DBS COMPRESSOR HYDRAULIC WITHIN 250 SCMh CAPACITY AT 30 BAR SUCTION PRIME MOTOR 30 KW OR 450 SCMh DIRECT SUCTION FROM CASCADE (220 TO 30 BAR PRESSURE DROP) – 8 NOMBER (2 IN EACH GA.)	Bidder think 250 SCMh compressor will be supplied with 30 kw motor . But for 450 scmh motor rating is not mentioned. If so, then bidder will supply 22 kw motor with 250 scmh and 37 kw motor with 450 scmh. Please confirm.	Bidder understanding is correct.
18	1.7 SAFETY Page no. 5 of 28	1.7.11.7 Cylinder shall be provided preferably inside the package. Provision of manual, operation from outside shall be provided.	Please clarify the "cylinder" either it is hydraulic or Co2 If it is hydraulic cylinder then all the operational job will be carried out from inside of enclosure If it is co2 then all operation will be carried out from the outside of compressor package.	Co2 Cylinder system shall be inside the package.however Co2 Cylinder shall be out side.
19	4.0 INSTRUMENTATION & CONTROLS Page no. 14 of 28	5.0.7 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 iii. Hydraulic oil tank: Level switch & gauge, temp indication & switch; pump pressure indication, return oil pressure indication. iv. Coolant: Temperature & pressure indication & switch and temperature indication after cooler.	Bidder think the following instruments are enough to run the compressor in automatic mode: I RTD shall be provided for temp indication @ 1st stage discharge and 2nd stage discharge after cooler. ii. Pr. Indication at suction, 1st stage discharge, 2nd stage discharge, high medium and low bank with pr. transmitter. iii. Hydraulic Oil tank: Level switch, level gauge, temp indicator, RTD in place of temp switch, Pr. gauge. iv. Coolant: Pr. gauge, PR transmitter, RTD for temp. indication and alarm. Kindly confirm.	i. Tender condition prevails ii. Accepted. iii. Accepted. iv Accepted
20	BID VALIDITY Page no. 7 of 107	Bid should be valid for 180 days from the date of schedule submission.	We request you to keep bid validity terms as below: Bid should be valid for 90 days from the date of schedule submission.	Tender condition prevails.

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21	BID SECURITY/EMD Page no. 7 of 107	Bid security shall be in the form of banker's bank guarantee from any Schedule bank approved by Reserve Bank of India (RBI) as per Performa attached in the Tender document. The bid security shall be submitted along with the bid and to be enclosed in Part – I (Un-priced bid). Bid security in the form of Bank Guarantee shall be valid for 06 (Six) months from date of bid submission.	We request you to waive off EMD	Tender condition prevails.
22	CONTRACT PERFORMANCE BANK GUARANTEE Page no.36 Of 107	4.1 Within 30 days of the award of work order, the successful bidder shall furnish the performance guarantee in the form as provided in the Bid documents. 4.2 Within 30 days from the date of issue of individual Kilometer Wise Work Order, the Bidder shall furnish Performance Guarantee in the form of Bank Guarantee to the PURCHASER, for an amount equivalent to 10% of the Order value (Excluding taxes & duties). 4.8 A bank guarantee issued by a scheduled / nationalized bank is acceptable to the Owner, in the form provided in the bid documents. The Contract Performance Bank Guarantee will be discharged by the Owner and returned to the Contractor not later than One hundred eighty (180) days following the date of completion of all the Contractor's performance obligations under the Contract, including any warranty obligations.	We request you to kindly keep validity of 1% ISD as 15 months only (12 months ARC + 3 months claim period).	Tender condition prevails.
23	GUARANTEE/ WARRANTY/ DEFECT LIABILITY PERIOD Page no. 37 of 107	7.3 Upon receipt of such notice, the Contractor shall, within a reasonable period, repair or replace the defective Goods or parts thereof, free of cost to the Owner. The Contractor may take over the replaced parts/ Goods at the time of their replacement. No claim whatsoever shall lie on the Owner for the replaced parts/ goods thereafter. In the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected / replaced Goods or item cormaterial shall be extended to a further period of twelve (12) Months from the date of such repair/replacement if put to use immediately or eighteen (18) Months. Defect liability period shall be 12 months from the date of handing over of the system to GASONET. 7.4 If the Contractor, having been notified, fails to remedy the defect(s) within a reasonable period, the Owner may proceed to take such remedial action as may be necessary, at the Contractor's risk and expense and without prejudice to any other rights which the Owner may have against the Contractor under the Agreement.	We request you to keep gurantee terms as below: 12 months from the date of commissioning or 18 months from material receipt at site, whichever is earlier (For individual Compressor)	Accepted

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24	PRICE REDUCTION SCHEDULE (PRS) Page no.68 Of 107	In supply contract, the portion of supply completed in all respects which can be used for commercial operation shall not be considered for applying PRS, if delivered within contractual delivery period. The remaining supplies which are completed beyond the contractual delivery shall attract the price reduction schedule @0.5% per week or part thereof of the delayed delivery value maximum up to 5% of Contract Price (Excluding Taxes and Duties). The total value of DO considered for applying PRS shall be excluding of all Taxes and Duties.	We request you to keep price reduction schedule terms as below: Maximum price reduction schedule should be 5% of undelivered portion	Tender condition prevails.
25	22. CONTRACT PERORMANCE BANK GAURANTEE: 23. FOR AMC PART: Page no. 69 OF 107	<p>Within 15 days after the Bidder's receipt of notification of award of the CONTRACT, the Bidder shall furnish Security Deposit in the form of Bank Guarantee to the PURCHASER, for an amount equivalent to 3% of the total Purchase Order value (Excluding taxes & duties). Performance Bank guarantee shall be valid for a period of 3 months beyond the expiry of Defect Liability Period/ Warranty-Guarantee Period (which shall also include the delivery period & contract period). The validity of bank guarantee shall be 03 months beyond Defect Liability Period/ Warranty- Guarantee Period (which shall also include the delivery period).</p> <p>Within 15 days from the date of commissioning of supplied Compressors, bidder shall furnish Performance Guarantee in the form of Bank Guarantee to the PURCHASER, for an amount equivalent to 10% of the AMC part of Delivery Order value (Excluding taxes & duties). Performance Bank guarantee shall be valid for a period of 3 months beyond the expiry of the AMC period. Contractor can revise the PBG amount after completion of each year of AMC period and can submit PBG for remaining AMC period amount. After receiving Bank Guarantee for first Delivery Order, Security Deposit submitted against the Purchase Order will be released to Bidder. In case if Purchase Order and Delivery Order are issued simultaneously to successful bidder, in such case bidder has to submit only CPBG of DO value.</p>	<p>We request you to kindly consider O&M PBG amount for subsequent years on reduced balance basis .</p> <p>For first year of O&M - 1% of total value of operation and maintenance charges for 5 years (excluding GST) which shall remain valid for a period of 14 months the PBG shall be deposited by the respective vendor towards O & M within 1 month from the date of award of contract</p> <p>For second year of O&M - 1% of total value of operation and maintenance charges for 4 years (excluding GST) which shall remain valid for a period of 14 months the PBG shall be deposited by the respective vendor towards O & M within 1 month from the date of award of contract</p> <p>For third year of O&M - 1% of total value of operation and maintenance charges for 3 years (excluding GST) which shall remain valid for a period of 14 months the PBG shall be deposited by the respective vendor towards O & M within 1 month from the date of award of contract</p> <p>For fourth year of O&M - 1% of total value of operation and maintenance charges for 2 years (excluding GST) which shall remain valid for a period of 14 months the PBG shall be deposited by the respective vendor towards O & M within 1 month from the date of award of contract</p> <p>For fifth year of O&M - 1% of total value of operation and maintenance charges for 1 years (excluding GST) which shall remain valid for a period of 14 months the PBG shall be deposited by the respective vendor towards O & M within 1 month from the date of award of contract</p>	Tender condition prevails.
26	CONTRACT PERORMANCE BANK GAURANTEE: Page no. 69 OF 107	22. CONTRACT PERORMANCE BANK GAURANTEE: 23. FOR AMC PART:	We understood that this is single clause for CONTRACT PERORMANCE BANK GAURANTEE for AMC PART	bidders shall be 2 BGs submitted one BG of 3% of total PO value (excluding taxes and duties) and second BG for AMC an amount equivalent to 10% of the AMC part of Delivery Order value (Excluding taxes & duties).
27	Commercial Volume Clause 2.0) I)	Clause 2.0) I) 180 days from the bid due date.	Bid Validity shall be 90 days	Tender condition prevails.
28	Commercial Volume Clause 4.2)	Clause 4.2) CONTRACT PERFORMANCE BANK GUARANTEE Within 30 days from the date of issue of individual Kilometer Wise Work Order, the Bidder shall furnish Performance Guarantee in the form of Bank Guarantee to the PURCHASER, for an amount equivalent to 10% of the Order value (Excluding taxes & duties).	Bank Guarantee is not applicable. Client to confirm	Tender condition prevails.

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29	Commercial Volume Clause 22)	Clause 22) CONTRACT PERFORMANCE BANK GUARANTEE Within 15 days after the Bidder's receipt of notification of award of the CONTRACT, the Bidder shall furnish Security Deposit in the form of Bank Guarantee to the PURCHASER, for an amount equivalent to 3% of the total Purchase Order value (Excluding taxes & duties). Performance Bank guarantee shall be valid for a period of 3 months beyond the expiry of Defect Liability Period/ Warranty-Guarantee Period (which shall also include the delivery period & contract period).	Bank Guarantee is not applicable. Client to confirm	Tender condition prevails.
30	Commercial Volume Clause 23)	Clause 23) FOR AMC PART Within 15 days from the date of commissioning of supplied Compressors, bidder shall furnish Performance Guarantee in the form of Bank Guarantee to the PURCHASER, for an amount equivalent to 10% of the AMC part of Delivery Order value (Excluding taxes & duties). Performance Bank guarantee shall be valid for a period of 3 months beyond the expiry of the AMC period.	Bank Guarantee is not applicable. Client to confirm	Tender condition prevails.
31	Commercial Volume Clause 23)	Clause 23) THIRD PARTY INSPECTION List of Third Party Inspection Agency has to be submitted by the bidder to the Purchaser / consultant for approval.	Request to accept M/s. GLIS as the approved make for TPI-A and the same in Client scope.	As per clause no.24 of SCC Tender condition prevails.
32	Commercial Volume Clause 27)	Clause 27) TERMS OF PAYMENT SUPPLY PORTION	40% advance along with PO. 60% prior to dispatch after release of IRN by TPI-A	Tender condition prevails.
33	Commercial Volume Clause 28)	Clause 28) INSTALLATION AND COMMISSIONING:	100% against PI after receipt of E&C Certificate	Tender condition prevails.
34	Commercial Volume Section – VI	Section – VI : Schedule of Rates	Not available in Commercial Volume. Request to share the same.	Schedule of Rates (SOR) is already available in excel format with tender document.
35	Technical Volume Clause 1.6) vi)	Clause 1.6) vi) Mass Flow Meter (Emerson (Micro-motion) / Compac / E&H or equivalent (PESO approved make or model) at the inlet & outlet of Compressor package	Two no's Mass Flow Meters is required only in the Online Compressor Package to calculate the gas loss. Booster Compressor Package, being a compact package only discharge flow meter is enough to avail the flow readings, as the same is acceptable across all CGD industries. Also as MFM is already provided in the LCV Post, it is not required in the Suction.	Tender condition prevails.
36	Technical Volume Clause 1.6) vi)	Clause 1.6) Exclusions) Supplier to note that piping from air compressor and CO2 cylinders up to enclosures is in the scope of supplier.	Request to specify the distance between Air Compressor/CO2 Cylinders and the Booster Compressor Package.	Tentative distance Co2-20 meter, Air compressor-25 meter.
37	Technical Volume Clause 1.7.8	Clause 1.7.8 The Compressor Package shall trip if any of the enclosure is opened while the machine is running.	Hydraulic Setting needs to be done while the machine is running, which enclosure to be opened. As the Booster Compressor Package is located in remote location, it will be a nuisance trip.	The Trip normally comes with the manual over ride to take care of such issues. Tender condition prevails.
38	Technical Volume Clause 1.7.9	Clause 1.7.9 Relief Valves shall be provided at BDV	BDV is not applicable for Booster Compressor Package	Bidder understanding is correct.
39	Technical Volume Clause 1.7.11.3	Clause 1.7.11.3 CO2 flooding system shall consist of two nos. of 45 kg each CO2 cylinders.	22.5kgs CO2 Flooding System is enough considering the Booster Package Enclosure dimensions as per NFPA-12, as the same is acceptable across all CGD industries.	Tender condition prevails.
40	Technical Volume Clause 1.7.11.3	Clause 1.7.11.3 One pressure gauge to be located at gauge panel to detect the pressure in Cylinder shall be provided.	Pressure Gauge is not required for CO2 Flooding System, as Pressure Switch is already provided with suitable interlocks.	Tender condition prevails.
41	Technical Volume Clause 1.7.11.5	Clause 1.7.11.5 Maintenance Override Switch shall be provided to keep the system off during maintenance.	Manual Intervention in the system is risky in case of any emergency situations. Request to avoid any manual intervention in CO2 Flooding System.	Tender condition prevails.

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42	Technical Volume Clause 1.7.11.5	Clause 1.7.11.5 One blinking aviation lamp shall be provided at top of compressor canopy suitable for hazardous area for fire indication.	Blinking Aviation Lamp is not required as the Package height is less than 3 meters from the Foundation.	The beacon is for distant indication. Tender condition prevails.
43	Technical Volume Clause 1.1.1 - Air Compressor	Clause 1.1.1 - Air Compressor Pressure switch and pressure gauge shall have isolation valve.	Pressure Gauge and Pressure Switch is not provided in the OEM design, as it is increase the risk for Package operation as Manual Intervention is involved.	Tender condition prevails.
44	Technical Volume Clause 3.3	Clause 3.3 Offered package shall be complete with compressor, electric motor, hydraulic pump and piping, cooling system, suction and discharge filters,	As the Gas Inlet at the Booster Inlet is already filtered at the Mother Station, only Suction Filter is enough at the Inlet at the Booster Compressor Package to maintain the purity level of the Gas for the smooth operation, as the same is acceptable across all CGD industries.	Tender condition prevails.
45	Technical Volume Clause 3.9.2	Clause 3.9.2 Gas coolers shall be designed as per API-661 requirements.	Gas Cooler design is done at as per Manufacturer's Standard as API-661 is not applicable for Booster Compressor Package. API-661 is only applicable for Online Reciprocating Compressor Package, as the same is acceptable across all CGD industries.	Noted. The design to be reviewed during detail engineering.
46	Technical Volume Clause 3.10.5	Clause 3.10.5 All the pressure, temperature, oil level, lube oil pressure, coolant temperature, coolant level indicators shall be visible from outside of enclosures and shall be mounted on gauge panel visible from outside.	Gauge Panel is not required for Booster Compressor Package as the enclosure is compact in size with easy visibility for field mounted instruments, as the same is acceptable across all CGD industries.	Tender condition prevails.
47	Technical Volume Clause 4.0.3	Clause 4.0.3 by pass Test button for lamp & hooter	No separate switch is required for Test Lamp and Hooter, as ESD is used for the same.	Tender condition prevails.
48	Technical Volume Clause 4.0.5	Clause 4.0.5 Motors shall be suitable for starting under specified load conditions with 75% of rated voltage at the terminals.	Motor is suitable for starting at 10% of rated voltage at the terminals as per OEM recommendations and IS standards.	Tender condition prevails.
49	Technical Volume Clause 4.0.9	Clause 4.0.9 There shall be separate panel for main incoming switch (MCCB) and the starter of main motor.	As the Booster Compressor Package is compact in size, request to consider same panel for MCCB and Starter of Main Motor with adequate space, as the same is acceptable across all CGD industries.	Tender condition prevails.
50	Technical Volume Clause 5.0.7	Clause 5.0.7 Temp indicator 1st, 2nd stage discharge and after- after cooler	Temperature Transmitter is provided at the discharge of the Package with suitable interlocks to monitor discharge gas temperature, as such no TI is required at 1st and 2nd Stage Discharge.	Tender condition prevails.
51	Technical Volume Clause 5.0.7	Clause 5.0.7 Hydraulic oil tank: Level switch & gauge, temp indication & switch;	Temperature Switch is not required at Hydraulic Oil Tank as temperature Transmitter is provided with suitable interlocks and monitoring	Tender condition prevails.
52	Technical Volume Clause 4) xvi)	Clause 4) xvi) The bidder shall establish a central control room to operate 24 hours, seven days a week where complaint regarding non-performance of the compressors in terms of the contract can be lodged.	Not in Bidder's scope	Tender condition prevails.
53	Technical Volume Clause 5.1)	Clause 5.1) All spares, consumables, lubricants, lubricating oil, coolant, sealant etc. required for carrying out the Operation and maintenance of the complete compressor package during the warranty period, including periodic, breakdown maintenance for continuous and uninterrupted operation of the compressor packages shall be in scope of the Bidder and shall be kept in stock.	All spares, consumables, lubricants, lubricating oil, coolant, sealant etc. required for carrying out the Operation and maintenance of the complete compressor package during the warranty period, including periodic, breakdown maintenance for continuous and uninterrupted operation of the compressor packages shall be at additional cost to Client. Request to confirm the same.	Tender condition prevails.
54	Technical Volume Clause 6.2)	Clause 6.2) The MRT for each compressor shall be carried out in presence of Purchaser/consultant or their representatives (or a third party as arranged by Purchaser) with job or shop driver including complete job driving system for 4 hours continuously at shop of compressor manufacturer.	TPI-A for the MRT for each compressor shall be arranged and in Client Scope	Tender condition prevails.
55	Technical Volume	LCV Post	LCV Post is not envisaged along with the Booster Compressor Package. Client to confirm	Confirmed

Replies to Pre-Bid Queries

Tender No. : GSL/REPL/002/CP			Date / Time of Pre- Bid Meeting: 09/11/22	
Name of Work : ANNUAL RATE CONTRACT FOR SUPPLY OF MOTOR DRIVEN CNG COMPRESSOR AT CHURU, MANDI, PAURI GARWAL (RISHIKESH) & CHAMPAWAT GA				
S. No.	Tender Clause No. / Annexures	DESCRIPTION	Bidders Comments / Queries	GSL/ REPL Reply
56	Technical Volume	Cascade Structure	Cascade Structure is not envisaged along with the Booster Compressor Package. Client to confirm	Confirmed