



**TENDER NO** **REPL/VGL/NGBC/011/20**

**SUBJECT** **TENDER FOR PROCUREMENT OF CNG CAR AND COMBO DISPENSERS (ARC)**

**CORRIGENDUM NO**

**01**

**DATED 15-Feb-2021**

This has reference to the subject tender. The corrigendum to the subject tender is hereby issued. All participating bidders are requested to note the changes in respect of the subject tender.

S No	Tender Clause No	Page No.	Tender Conditions	Revision
1	4. Delivery Period	4 of 124	Delivery location for supply of Motor Driven CNG Compressor (250 SCHM) will be as follows: VADODARA (Warehouse / Site): 10 nos.	Delivery location for supply of Motor Driven CNG Compressor (250 SCHM) will be as follows: VADODARA (Warehouse / Site): 10 nos.  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 VGL.
2	29.1 Force Majeure	54 of 124	Shall mean and be limited to the following: a) War/ hostilities b) Riot or Civil commotion c) Earthquake, flood, tempest, lightening or other natural physical disaster. d) Restrictions imposed by the Government or other Statutory bodies which prevents or delays the execution of the Contract by the Seller.	Shall mean and be limited to the following: a) War/ hostilities b) Riot or Civil commotion c) Earthquake, flood, tempest, lightening or other natural physical disaster. d) Restrictions imposed by the Government or other Statutory bodies which prevents or delays the execution of the Contract by the Seller. e) Restrictions / delay due to pandemic, The specified period shall be defined by VGL, which shall be <b>binding on bidder</b>
3	40. Repeat Order	58 of 124	40.1 PURCHASER reserves the right, within 6 months of order to place repeat order up to 50% of the total order value without any change in unit price or other terms and conditions.	40.1 If entire SOR qty. has been ordered within 06 Months from the date of award, PURCHASER reserves the right, within 6 months of order to place repeat order up to 50% of the total order value without any change in unit price or other terms and conditions.  40.2 In all other cases, Qty. Variation of +/- 20% will be allowed.
4	1.6 Scope of Supply of Each Compressor Package	73 of 124	Cl. 1.6 (i)/Lubricated or non-lubricated two throw balanced opposed reciprocating compressor or hydraulic booster with lube oil system and cooling system as required	Cl. 1.6 (i)/Lubricated or non-lubricated two throw balanced opposed reciprocating compressor / trunk piston design compressor / hydraulic booster with lube oil system and cooling system as required
5	1.6 Scope of Supply of Each Compressor Package	74 of 124	Cl. 1.6 (xx) /Piping from air compressor and CO2 cylinders up to enclosure.	Cl. 1.6 (xx) /Piping from air compressor and CO2 cylinders up to enclosure (each upto 12 metres maximum)
6	1.7 Safety	74 of 124	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.	1.7.6 Package enclosures shall have one IR type L.E.L detector and one Ultra Violet (UV)/IR fire detector in each enclosure to cover the enclosures effectively.

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7	1.7 Safety	75 of 124	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.	1.7.9 Relief Valves shall be provided at 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.
8	3.3 Design Criteria	77 of 124	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.	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 as required by OEM design 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.
9	3.9.2 Inter/ After Gas Cooler	78 of 124	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 C. Cooler design shall be based on 20% extra load corresponding to max severe operating conditions based on the thermal duty. Gas coolers shall be designed as per API-661 requirements.	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 Ambient+10 Deg C. Cooler design shall be based on 20% extra load corresponding to max severe operating conditions based on the thermal duty. Gas coolers shall be designed as per API-661 requirements.
10	3.10.1 Enclosure of CNG Compressor Package	78 of 124	The maximum allowed temperature within the enclosure shall be 5°C above ambient temperature	The maximum allowed temperature within the enclosure shall be 10°C above ambient temperature
11	Sec-V Technical 4.0 Design Data for Reference	80 of 124	4.0.2 Power supply for local control panel:  a) Same as Power supply for electric control panel b) 24 V DC power for gas detector flame detector, etc. AC to DC converter shall be provided with surge protector, if required.  The compressor package control system shall be so designed that the first item to go into trip condition shall lock out to indicate the cause of trip though the cause of trip may have disappeared. The lock out condition shall be manually reset. Compressor Package shall be provided with either micro-PLC based LCP or relay-based LCP which shall be mounted on the package enclosure, which shall be mounted on the package enclosure. All the interlocking, monitoring and controlling of the booster compressor shall be done through digital signal only by providing either PLC or rely. If PLC is used hardware shall be in accordance with IEC-61131-2 and program shall be made only in ladder diagram. Supplier provides one set of licensed software (window XP/2000 based) both configured to access PLC through.	4.0.2 Power supply for local control panel:  a) Same as Power supply for electric control panel b) 24 V DC power for gas detector flame detector, etc. AC to DC converter shall be provided with surge protector, if required.  The compressor package control system shall be so designed that the first item to go into trip condition shall lock out to indicate the cause of trip though the cause of trip may have disappeared. The lock out condition shall be manually reset. Compressor Package shall be provided with either micro-PLC based LCP or relay-based LCP which shall be mounted on the package enclosure, which shall be mounted on the package enclosure. All the interlocking, monitoring and controlling of the booster compressor shall be done through digital signal only by providing either PLC or rely. If PLC is used hardware shall be in accordance with IEC-61131-2 and program shall be made only in ladder diagram.
12	8.0 Painting & Protection	86 of 124	8.2 Painting (Primer & Finish Coat)	8.2 Painting (Primer & Finish Coat) or Powder Coated

It is advised that the above may please be taken in consideration while submitting your offer. Please also note that this communication forms an integral part of the tender document and a duly acknowledged copy of the same is to be submitted along with technical bid.

All other terms and conditions of above referred tender remain un-altered.

**Resonance Energy Pvt. Ltd.**