



**TENDER NO** **REPL/MNGL/NGC/09/21**

**SUBJECT** **TENDER FOR PROCUREMENT OF CNG COMPRESSORS (2 and 3 Stage)**

**CORRIGENDUM NO** **06**

**DATED 08-Oct-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.

<b>S No</b>	<b>Tender Clause No</b>	<b>Page No.</b>	<b>Tender Conditions</b>	<b>To be read as</b>
1	Section-V, Technical Specifications	84 of 166	Software and hardware, calibration procedure shall be provided by the supplier along with the supply sufficient enough to handle the system independently. Necessary tools (1 set) shall be provided with the system.	To be read as, "The system provided by the supplier is sufficient enough to handle the CO2 Flooding System independently. Necessary tools (1 set) shall be provided with the system."
2	Section-V, Technical Specifications	86 of 166	Purchaser shall provide the required control power for LCP (230 V, 1 phase (2 wire), 50 Hz A.C.) for UPS of purchaser at single point in the electrical room. However, suitable surge protection device to be provided by the bidder of suitable rating for control power	To be read as "Purchaser shall provide the required control power for LCP (230 V, 1 phase (2 wire), 50 Hz A.C.) for UPS of supplier at single point in the electrical room. However, suitable surge protection device to be provided by the bidder of suitable rating for control power

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3	PERFORMANCE GUARANTEES, LOADING AND PENALTIES	106 of 166	<p>Penalty towards Excess Fuel Consumption:            At the start of O&amp;M period or even at any point of time during the O&amp;M period, cost towards excess fuel consumption beyond quoted figure shall be deducted from O&amp;M bills.            Following calculations shall be used for deduction towards excess fuel consumption.  <math>F = (G-Q) \times H</math> Where,            F = Monthly Penalty in Rs.            G = Monthly Actual Gas consumption            =Q Guaranteed consumption rate quoted by supplier for every 912 Kg of CNG x CNG produced during the month            H = Cost of Natural Gas – Rs. 20/- per Kg</p>	<p>Penalty towards Excess Fuel Consumption:            At the start of O&amp;M period or even at any point of time during the O&amp;M period, cost towards excess fuel consumption beyond quoted figure shall be deducted from O&amp;M bills.            Following calculations shall be used for deduction towards excess fuel consumption.  <math>F = 1.5 \times ((G-Q) \times H)</math> Where,            F = Monthly Penalty in Rs.            G = Monthly Actual Gas consumption            =Q Guaranteed consumption rate quoted by supplier for every 876 Kg of CNG x CNG produced during the month            H = Cost of Natural Gas – Rs. 20/- per Kg</p>
4	PERFORMANCE GUARANTEES, LOADING AND PENALTIES	105 of 166	<p>Penalty towards Excess Gas Loss:            At the start of O&amp;M period or even at any point of time during the O&amp;M period, cost towards excess gas loss beyond the quoted figure shall be deducted from O&amp;M bills</p> <p>Following calculations shall be used for deduction towards excess gas loss:  <math>F = [G-(Q \times D)] \times H</math>            Where,            F = Penalty in Rupees to be deducted from O&amp;M bill            G = Monthly Vent/Leakage loss observed during O&amp;M period            Q = Vent / Leakage loss quoted            H = Cost of Natural Gas/Kg – Rs. 20/- per Kg            D = Production during the month (discharge meter) Considering G above shall be taken as (Suction – Discharge – Engine Fuel Consumption) OR Reading from Vent Mass Flow Meter, whichever is higher.</p>	<p>Penalty towards Excess Gas Loss:            At the start of O&amp;M period or even at any point of time during the O&amp;M period, cost towards excess gas loss beyond the quoted figure shall be deducted from O&amp;M bills</p> <p>Following calculations shall be used for deduction towards excess gas loss:  <math>F = 1.5 \times [G-(Q \times D)] \times H</math>            Where,            F = Penalty in Rupees to be deducted from O&amp;M bill            G = Monthly Vent/Leakage loss observed during O&amp;M period            Q = Vent / Leakage loss quoted            H = Cost of Natural Gas/Kg – Rs. 20/- per Kg            D = Production during the month (discharge meter) Considering G above shall be taken as (Suction – Discharge – Engine Fuel Consumption) OR Reading from Vent Mass Flow Meter, whichever is higher.</p>

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5	PERFORMANCE GUARANTEES, LOADING AND PENALTIES	104 of 166	<p>Clause no 9 of Sec V - Technical Specifications (Page no 104)</p> <p>PERFORMANCE GUARANTEES, LOADING AND PENALTIES</p> <p>Loading against Fuel Consumption: The compressor package shall be designed in such a way that Gas Consumption of engine (Kg/Hr) should be minimum for production of CNG. Bidder shall indicate actual gas consumption for their compressor package. This quoted figure will be used for evaluation and total quoted price for all compressors towards supply, special tools &amp; tackles, erection and commissioning will be loaded as per following formulas:  <math display="block">F = (G-Q) \times H \times I \times N \times W</math> Where,  F = Loading amount in Rs.  G = Bidder's Gas consumption rate quoted in Kg for every Kg of CNG produced  Q = Lowest Gas Consumption rate quoted by any bidder in Kg for every KG of CNG produced  H = Cost of NG – Rs. 20/- Kg  I = Factor towards lifecycle in hours @ 65,700 hours  N = Number of machines  W = 912 kg/hr for 1200 SCMH respectively</p>	<p>Following is additional point in continuation to clause:</p> <p>However Cumulative loading on package gas loss and fuel consumption limited to 10 % of the supplied value of compressor package (Compressor package cost + Air compressor with receiver &amp; accessories cost+ string test cost)</p>
6			Additional clause to GCC & SCC	Additional clauses in General Conditions of Contract (GCC) & Special Conditions of Contract (SCC) in tender document is enclosed herewith as Annexure-I
7	PERFORMANCE GUARANTEES, LOADING AND PENALTIES	105 of 166	1 kg = 1.3158 SCM	This clause may be read as,  "1 kg= 1.3699 SCM"

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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.**