CORRIGENDUM - IV



SUPPLY, INSTALLATION, TESTING, COMMISSIONING, OPERATION AND COMPREHENSIVE MAINTENANCE OF 1200 SCMH ELECTRIC MOTOR DRIVEN CNG COMPRESSOR PACKAGES

Date: 06.01.2025

TENDER DOCUMENT NO. IGL/ET2/CP/CC18263

S. No.	Description	Tender Page No.	Clause/ Para/ Section	Amendment/Addition/Modification/Detion	
1	SOR item no. 3.1.5 i.e. Operation charges for 5th year i.e., during Warranty period per shift of 8hrs (28 packages X 3 shifts X 365 days = 30660 shifts)		Section-VI – Schedule of Rates		IGL Offered Rate to be read as Rs. 862/- instead of Rs. 860/ Revised SOR is attached with this corrigendum.



SCHEDULE OF RATES FOR SUPPLY, INSTALLATION, TESTING, COMMISSIONING, OPERATION AND COMPREHENSIVE MAINTENANCE OF 1200 SCMH ELECTRIC MOTOR DRIVEN CNG COMPRESSOR PACKAGES

Tender no. IGL/ET2/CP/CC18263

Name of bidder: Currency: INR **Basic Unit including** Freight, Packing and GST Unit Price inclusive of all Total Price inclusive of all Item NPV Unit HSN Code Forwarding & Inspection | On Column 2 in applicable taxes applicable taxes **Brief Description** Quantity Sr. No (Net Present value) charges except GST (Ex-(2) * {1+(3)} (1) * (4) Works basis) SUPPLY PORTION SUPPLY- MOTOR DRIVEN 1200 SCMH CNG COMPRESSORS AND ITS ASSOCIATED AUXILIARIES (SUPPLY) Design, Engineering, Manufacturing, String test, Supply including packaging and forwarding, insurance, loading and unloading of Skid mounted ELECTRIC MOTOR DRIVEN reciprocating compressor package with discharge flow capacity of 1200 SCMH at the specified conditions (as per technical specification and scope of work) with explosion proof electric & control panel having suction pressure of 16 kg/cm2(g), inlet line pressure range of 14 - 49 kg/cm2(g) (performance range 14 to 19 kg/cm2(g) with discharge pressure 250 kg/cm2(g) with 7 bank Priority panel along with all special tools and tackles required for erection and commissioning. The package shall be inclusive of: a) String test of complete compressor package along with gas engine and accessories at Nos. 28 Not Quoted Not Quoted To Be Evaluated packagers' factory. b)Design, Engineering, Manufacturing, Supply including packaging and forwarding, insurance, custom clearance, handling, loading and unloading at port and delivery & unloading at Client's store / site of 1.5 KW(min) electric motor driven air compressors with dryer and suitable capacity air receiver complete with all accessories and auxiliaries as required. c)Transportation of ELECTRIC MOTOR DRIVEN 1200 SCMH CNG COMPRESSOR packages from bidders works to respective location including Freight Charges, insurance, handling, loading, unloading and any other incidental expenses for delivery at Client's store /site. Total of Supply- {A} Not Ouoted To Be Evaluated GST Unit Price inclusive of all Total Price inclusive of all Unit Rate NPV TRANSPORTATION SAC Code applicable taxes Unit Quantity On Column 2 in applicable taxes (Net Present value) except GST $(2) * \{1+(3)\}$ (1)*(4)Re-transportation of packages if delivered at store to respective site including loading & 8 Not Ouoted Not Ouoted To Be Evaluated unloading within the same GA Total of Transportation {B} Not Quoted To Be Evaluated C SERVICES - Common for all Locations Unit Total charges Total Charges inclusive of GST NPV **Unit Rate** INSTALLATION, COMMISSIONING, TESTING Unit SAC Code Quantity inclusive of taxes On Column 2 in taxes except GST (Net Present value) (2) * {1+(3)} (1)*(4)Installation, commissioning & Field performance test of Compressor Package including all Nos. 28 Not Quoted Not Quoted To Be Evaluated accessories/ equipment(s) i.e. air compressor, CO2 flooding system etc. system at site. Sub-Total for Services {C} Not Quoted To Be Evaluated SERVICES FOR OPERATIONS & COMPREHENSIVE MAINTENANCE



SCHEDULE OF RATES

FOR
SUPPLY, INSTALLATION, TESTING, COMMISSIONING, OPERATION AND COMPREHENSIVE MAINTENANCE OF 1200
SCMH ELECTRIC MOTOR DRIVEN CNG COMPRESSOR PACKAGES

Tender no. IGL/ET2/CP/CC18263

Name of bidder:										
Currency:				INR						
3.1 (D1)	ITEMS FOR OPERATIONS (per shift of 8hrs)	Unit	IGL Offered Rate (INR) (7)	SAC Code	Quantity	Unit Rate except GST (only additional charges (per-shift) payable over and above minimum wages of workmen (Semi- skilled labour) are to be quoted by bidders).	GST On Column (2) & (7) in %	Unit Price inclusive of all applicable taxes {(2)+(7)} * {1+(3)}	Total Charges inclusive of taxes (1)*(4)	NPV (Net Present value)
3.1.1	Operation charges for 1st year i.e., during Warranty period per shift of 8hrs (28packages X 3 shifts X 365 days = 30660 shifts)	Nos. of shifts	862		30660			Not Quoted	Not Quoted	To Be Evaluated
3.1.2	Operation charges for 2nd year i.e., during Warranty period per shift of 8hrs (28packages X 3 shifts X 365 days = 30660 shifts)	Nos. of shifts	862		30660	Enter Unit Rate for 1st Year at 3.1.1 only	Enter GST for 1st Year at 3.1.1	Not Quoted	Not Quoted	To Be Evaluated
3.1.3	Operation charges for 3rd year i.e., during Warranty period per shift of 8hrs (28packages X 3 shifts X 365 days = 30660 shifts)	Nos. of shifts	862		30660	Enter Unit Rate for 1st Year at 3.1.1 only	Enter GST for 1st Year at 3.1.1	Not Quoted	Not Quoted	To Be Evaluated
3.1.4	Operation charges for 4th year i.e., during Warranty period per shift of 8hrs (28packages X 3 shifts X 365 days = 30660 shifts)	Nos. of shifts	862		30660	Enter Unit Rate for 1st Year at 3.1.1 only	Enter GST for 1st Year at 3.1.1	Not Quoted	Not Quoted	To Be Evaluated
3.1.5	Operation charges for 5th year i.e., during Warranty period per shift of 8hrs (28packages X 3 shifts X 365 days = 30660 shifts)	Nos. of shifts	862		30660	Enter Unit Rate for 1st Year at 3.1.1 only	Enter GST for 1st Year at 3.1.1	Not Quoted	Not Quoted	To Be Evaluated
3.1.6	Operation charges for 6th year i.e., during Warranty period per shift of 8hrs (28packages X 3 shifts X 365 days = 30660 shifts)	Nos. of shifts	862		30660	Enter Unit Rate for 1st Year at 3.1.1 only	Enter GST for 1st Year at 3.1.1	Not Quoted	Not Quoted	To Be Evaluated
3.1.7	Operation charges for 7th year i.e., during Warranty period per shift of 8hrs (28packages X 3 shifts X 365 days = 30660 shifts)	Nos. of shifts	862		30660	Enter Unit Rate for 1st Year at 3.1.1 only	Enter GST for 1st Year at 3.1.1	Not Quoted	Not Quoted	To Be Evaluated
3.1.8	Operation charges for 8th year i.e., during Warranty period per shift of 8hrs (28packages X 3 shifts X 365 days = 30660 shifts)	Nos. of shifts	862		30660	Enter Unit Rate for 1st Year at 3.1.1 only	Enter GST for 1st Year at 3.1.1	Not Quoted	Not Quoted	To Be Evaluated
3.1.9	Operation charges for 9th year i.e., during Warranty period per shift of 8hrs (28packages X 3 shifts X 365 days = 30660 shifts)	Nos. of shifts	862		30660	Enter Unit Rate for 1st Year at 3.1.1 only	Enter GST for 1st Year at 3.1.1	Not Quoted	Not Quoted	To Be Evaluated
3.1.10	Operation charges for 10th year i.e., during Warranty period per shift of 8hrs (28packages X 3 shifts X 365 days = 30660 shifts)	Nos. of shifts	862		30660	Enter Unit Rate for 1st Year at 3.1.1 only	Enter GST for 1st Year at 3.1.1	Not Quoted	Not Quoted	To Be Evaluated
	TOTAL OF OPERATION CHARGES								Not Quoted	To Be Evaluated
3.2 (D2)	ITEMS FOR COMPREHENSIVE MAINTENANCE - Common for all locations for Compressor Package (including air compressor), inclusive of all manpower, spare parts, lubricants and consumables etc.	U	nit	SAC Code	Quantity	Unit Rate all inclusive except GST	GST On Column 2 in %	Unit Price inclusive of all applicable taxes (2) * {1+(3)}	Total Charges inclusive of taxes (1)*(4)	NPV (Net Present value)
3.2.1	Lump sum repair & comprehensive maintenance charges (excluding the scope covers under warrantee) per Compressor Package including air compressor for 1st year during warrantee period in all Geographical Areas of IGL inclusive of all manpower, spare parts, lubricants and consumables etc. (28 packages X 12 Months = 336) Note: Fixed annual maintenance in terms of percentage of unit rate of Item no. 1.1+2.1 quoted by the bidder shall be in the range of 04% to 8%.	Machine Months			336			Not Quoted	Not Quoted	To Be Evaluated
3.2.2	Lump sum repair & comprehensive maintenance charges (excluding the scope covers under warrantee) per Compressor Package including air compressor for 2nd year during warrantee period in all Geographical Areas of IGL inclusive of all manpower, spare parts, lubricants and consumables etc. (28 packages X 12 Months = 336) Note: Fixed annual maintenance in terms of percentage of unit rate of Item no. 1.1+2.1 quoted by the bidder shall be in the range of 04% to 8%.	Machine Months			336	Enter Unit Rate for 1st Year at 3.2.1 only	Enter GST for 1st Year at 3.2.1 only	Not Quoted	Not Quoted	To Be Evaluated



SCHEDULE OF RATES FOR SUPPLY, INSTALLATION, TESTING, COMMISSIONING, OPERATION AND COMPREHENSIVE MAINTENANCE OF 1200 SCMH ELECTRIC MOTOR DRIVEN CNG COMPRESSOR PACKAGES

Tender no. IGL/ET2/CP/CC18263

Name of bidder:									
3.2.3	Lump sum repair & comprehensive maintenance charges (excluding the scope covers under warrantee) per Compressor Package including air compressor for 3rd year during warrantee period in all Geographical Areas of IGL inclusive of all manpower, spare parts, lubricants and consumables etc. (28 packages X 12 Months = 336) Note: Fixed annual maintenance in terms of percentage of unit rate of Item no. 1.1+2.1 quoted by the bidder shall be in the range of 04% to 8%.	Currency: Machine Months	INR	336	Enter Unit Rate for 1st Year at 3.2.1 only	Enter GST for 1st Year at 3.2.1 only	Not Quoted	Not Quoted	To Be Evaluated
3.2.4	Lump sum repair & comprehensive maintenance charges (excluding the scope covers under warrantee) per Compressor Package including air compressor for 4th year during warrantee period in all Geographical Areas of IGL inclusive of all manpower, spare parts, lubricants and consumables etc. (28 packages X 12 Months = 336) Note: Fixed annual maintenance in terms of percentage of unit rate of Item no. 1.1+2.1 quoted by the bidder shall be in the range of 04% to 8%.	Machine Months		336	Enter Unit Rate for 1st Year at 3.2.1 only	Enter GST for 1st Year at 3.2.1 only	Not Quoted	Not Quoted	To Be Evaluated
3.2.5	Lump sum repair & comprehensive maintenance charges (excluding the scope covers under warrantee) per Compressor Package including air compressor for 5th year during warrantee period in all Geographical Areas of IGL inclusive of all manpower, spare parts, lubricants and consumables etc. (28 packages X 12 Months = 336) Note: Fixed annual maintenance in terms of percentage of unit rate of Item no. 1.1+2.1 quoted by the bidder shall be in the range of 04% to 8%.	Machine Months		336	Enter Unit Rate for 1st Year at 3.2.1 only	Enter GST for 1st Year at 3.2.1 only	Not Quoted	Not Quoted	To Be Evaluated
3.2.6	Lump sum repair & comprehensive maintenance charges (excluding the scope covers under warrantee) per Compressor Package including air compressor for 6th year during warrantee period in all Geographical Areas of IGL inclusive of all manpower, spare parts, lubricants and consumables etc. (28 packages X 12 Months = 336) Note: Fixed annual maintenance in terms of percentage of unit rate of Item no. 1.1+2.1 quoted by the bidder shall be in the range of 04% to 8%.	Machine Months		336	Enter Unit Rate for 1st Year at 3.2.1 only	Enter GST for 1st Year at 3.2.1 only	Not Quoted	Not Quoted	To Be Evaluated
3.2.7	Lump sum repair & comprehensive maintenance charges (excluding the scope covers under warrantee) per Compressor Package including air compressor for 7th year during warrantee period in all Geographical Areas of IGL inclusive of all manpower, spare parts, lubricants and consumables etc. (28 packages X 12 Months = 336) Note: Fixed annual maintenance in terms of percentage of unit rate of Item no. 1.1+2.1 quoted by the bidder shall be in the range of 04% to 8%.	Machine Months		336	Enter Unit Rate for 1st Year at 3.2.1 only	Enter GST for 1st Year at 3.2.1 only	Not Quoted	Not Quoted	To Be Evaluated
3.2.8	Lump sum repair & comprehensive maintenance charges (excluding the scope covers under warrantee) per Compressor Package including air compressor for 8th year during warrantee period in all Geographical Areas of IGL inclusive of all manpower, spare parts, lubricants and consumables etc. (28 packages X 12 Months = 336) Note: Fixed annual maintenance in terms of percentage of unit rate of Item no. 1.1+2.1 quoted by the bidder shall be in the range of 04% to 8%.	Machine Months		336	Enter Unit Rate for 1st Year at 3.2.1 only	Enter GST for 1st Year at 3.2.1 only	Not Quoted	Not Quoted	To Be Evaluated
3.2.9	Lump sum repair & comprehensive maintenance charges (excluding the scope covers under warrantee) per Compressor Package including air compressor for 9th year during warrantee period in all Geographical Areas of IGL inclusive of all manpower, spare parts, lubricants and consumables etc. (28 packages X 12 Months = 336) Note: Fixed annual maintenance in terms of percentage of unit rate of Item no. 1.1+2.1 quoted by the bidder shall be in the range of 04% to 8%.	Machine Months		336	Enter Unit Rate for 1st Year at 3.2.1 only	Enter GST for 1st Year at 3.2.1 only	Not Quoted	Not Quoted	To Be Evaluated



SCHEDULE OF RATES FOR SUPPLY, INSTALLATION, TESTING, COMMISSIONING, OPERATION AND COMPREHENSIVE MAINTENANCE OF 1200 SCMH ELECTRIC MOTOR DRIVEN CNG COMPRESSOR PACKAGES

Tender no. IGL/ET2/CP/CC18263

Name of bidder: Currency: INR Lump sum repair & comprehensive maintenance charges (excluding the scope covers under warrantee) per Compressor Package including air compressor for 10th year during warrantee period in all Geographical Areas of IGL inclusive of all manpower, spare parts, lubricants and Enter GST for Enter Unit Rate for 1st 3.2.10 consumables etc. Machine Months 336 1st Year at 3.2.1 Not Quoted Not Quoted To Be Evaluated Year at 3.2.1 only (28 packages X 12 Months = 336) Note: Fixed annual maintenance in terms of percentage of unit rate of Item no. 1.1+2.1 quoted by the bidder shall be in the range of 04% to 8%. TOTAL OF COMPREHENSIVE MAINTENANCE CHARGES Not Quoted To Be Evaluated Total of OPERATIONS & COMPREHENSIVE MAINTENANCE (D1 + D2) Not Quoted Not Ouoted 4.0 (E) Value of Gas Loss & Energy Consumption Package Gas Loss G = Vent/ F = G x H x I x N x W Where, F = Value of Gas Loss in Rs I = Avg. no. of G = Vent/Leakage rate quoted in percentage Leakage rate (to N = Number of W = 858 Kg/Hr for 1200H = Cost of Natural Gas running hours Package Gas Loss (F) Package Gas Loss (F) H = Cost of Natural Gas per Kg @ Rs. 54/- per kg be quoted by machines per Kg @ Rs. 54/- per kg per year i.e. @ SCMH I = Avg. no. of running hours per year i.e. @ 5475 hours hidder in 5475 hours N = Number of machines percentage) W = 858 Kg/Hr for 1200 SCMH4.1.1 Package Gas Loss for 1st year 28 54 5475 858 Not Quoted To Be Evaluated 4.1.2 Package Gas Loss for 2nd year 5475 28 54 858 Not Quoted To Be Evaluated 4.1.3 Package Gas Loss for 3rd year 28 54 5475 858 Not Quoted To Be Evaluated 4.1.4 Package Gas Loss for 4th year 28 54 5475 858 Not Quoted To Be Evaluated 4.1.5 Package Gas Loss for 5th year 28 54 5475 858 Not Quoted To Be Evaluated 4.1.6 Package Gas Loss for 6th year 54 5475 858 To Be Evaluated 28 Not Ouoted 4.1.7 Package Gas Loss for 7th year 28 54 5475 858 Not Quoted To Be Evaluated 4.1.8 Package Gas Loss for 8th year 54 5475 28 858 Not Quoted To Be Evaluated 54 4.1.9 Package Gas Loss for 9th year 28 5475 858 Not Ouoted To Be Evaluated 4.1.10 Package Gas Loss for 10th year 28 5475 858 Not Quoted To Be Evaluated Total of Package Gas Loss for 10 years To Be Evaluated Energy Consumption G = Bidder's $F = G \times H \times I \times N$ Where, F = Value of Energy Consumption in Rs. Energy G = Bidder's Energy consumption rate quoted in KWH for every 1200 SCMH (858 I = Avg. no. of consumption rate quoted in H = Cost of Energy @ Rs. running hours Kg/Hr) of CNG produced N = Number of Energy Consumption (F) Energy Consumption (F) H = Cost of Energy @ Rs. 12/ KWH KWH for every machines 12/- per KWH per year i.e. @ 1200 SCMH 5475 hours I = Avg. no. of running hours per year i.e. @ 5475 hours (858 Kg/Hr) of N = Number of machines CNG produced 4.2.1 Energy Consumption for 1st year 28 12 5475 Not Quoted To Be Evaluated 4.2.2 Energy Consumption for 2nd year 28 12 5475 Not Ouoted To Be Evaluated 4.2.3 Energy Consumption for 3rd year 28 12 5475 To Be Evaluated Not Ouoted 4.2.4 Energy Consumption for 4th year 28 12 5475 Not Quoted To Be Evaluated 4.2.5 Energy Consumption for 5th year 12 5475 28 Not Quoted To Be Evaluated 4.2.6 Energy Consumption for 6th year 28 12 5475 Not Ouoted To Be Evaluated 4.2.7 Energy Consumption for 7th year 28 12 5475 Not Quoted To Be Evaluated 4.2.8 Energy Consumption for 8th year 28 12 5475 Not Quoted To Be Evaluated 4.2.9 Energy Consumption for 9th year 28 12 5475 Not Ouoted To Be Evaluated 4.2.10 Energy Consumption for 10th year 28 12 5475 Not Ouoted To Be Evaluated Total of Energy Consumption for 10 years Not Quoted To Be Evaluated Total of Package Gas Loss & Energy Consumption for 10 years (E1+E2) Not Quoted To Be Evaluated



SCHEDULE OF RATES

FOR

SUPPLY, INSTALLATION, TESTING, COMMISSIONING, OPERATION AND COMPREHENSIVE MAINTENANCE OF 1200 SCMH ELECTRIC MOTOR DRIVEN CNG COMPRESSOR PACKAGES

Tender no. IGL/ET2/CP/CC18263

	Name of bidder:									
	Currency: INR									
GRAND TOTAL for complete scope {A+B+C+D+E} Not Quoted										
G	RAND TOTAL of Quoted Price for complete scope (except Value of Gas Loss & Energy Consumption) {A+	-B+C+D}		Not Quoted	To Be Evaluated					
Note:	Notes									
1	Scope of Supply, Work and other terms and conditions are strictly as per bid document.									
2	Bidder to clearly indicate 'Quoted' / Not Quoted' against each SOR line item in the price column in the un-priced Schedule of Rates and submit the same in Un-priced part of the bid. Bidder to submit Price part of above Schedule of Rates in their Priced Bid.									
3	3 Bidder must quote the price in Schedule of Rates format only. Bid submitted with changed format / description is liable to be rejected.									
4	Bidder to quote price for each SOR line item. '0' or 'included' should not be mentioned.									
5	Quoted rates are firm and fixed till complete execution of the entire contract.									
6	6 Purchaser reserves the right to decrease/increase the Scope of Work as per provision of Bid document before & after award of contract.									
7	7 Bidder must quote for complete scope as detailed in the bid document, bids submitted for part scope shall be considered as non-responsive and liable to be rejected.									
8	8 Prices quoted at column 5 are all inclusive of applicable taxes.									
0	Operations charges in SOR are to be quoted for one shift only.									
9	Bidder will be paid operation charges of single operator only if both the compressor packages in a CNG station ar	re of same bid	der.							
10	For Comprehensive Annual Maintenance Contract (CAMC), fixed charges for 1st year to be considered within the range of 4% to 8% of unit Ex-works price including Installation, Commissioning & Field Performance Test and Transportation Charges. If bidder quotes lesser or higher price then the prescribed range of CAMC, than the bids will be liable to be rejected.									
11	Please note that prevailing minimum wages of Rs. 862 per shift has been considered for Operations portion of this tender. Note: Minimum wage component is indicated in SOR for reference purpose only, however, minimum wages (prevailing at the time of execution) of respective state/ Central (whichever is higher) shall be payable to workmen engaged for operations on actual basis. Bidder shall be quoting additional charges (which shall include but not limited to – Uniform charges, conveyance, PPE, Mobile, ID card & Profit of margin of bidder) over & above min. wage component. The minimum wage component shall not be considered in evaluation & comparison of bids and only additional charges shall be considered for calculation of NPV.									