### CORRIGENDUM - IV



### SUPPLY, INSTALLATION, TESTING, COMMISSIONING, OPERATION AND COMPREHENSIVE MAINTENANCE OF 1200 SCMH GAS ENGINE DRIVEN COMPRESSOR PACKAGES

Date: 06.01.2025

### TENDER DOCUMENT NO. IGL/ET2/CP/CC18256

S. No	<b>Description</b>	Tender Page No.	Clause/ Para/ Section	Amendment/Addition/Modificatio etion	
	SOR item no. 3.1.5 i.e. Operation charges for 5th year i.e., during Warranty period per shift of 8hrs (12 packages X 3 shifts X 365 days = 13,140 shifts)	80 of 113	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.



Name of bidder:										
		Currency:		INR						
Item Sr. No.	Brief Description	Unit		HSN Code	Quantity	Basic Unit including Freight, Packing and Forwarding & Inspection charges except GST (Ex- Works basis)	GST On Column 2 in %	Unit Price inclusive of all applicable taxes (2) * {1+(3)}	Total Price inclusive of all applicable taxes (1) * (4)	NPV (Net Present value)
					1	2	3	4	5	6
A	SUPPLY PORTION									
1.0	SUPPLY- GAS ENGINE DRIVEN 1200 SCMH CNG COMPRESSORS AND ITS ASSOCIATED AUXILIARIES						_			
1.1	Design, Engineering, Manufacturing, String test, Supply including packaging and forwarding, insurance, loading and unloading of Skid mounted gas engine 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 9 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 packagers' factory.  b)Design, Engineering, Manufacturing, Supply including packaging and forwarding, insurance, custom clearance, handling, loading and unloading of air compressor of suitable capacity, discharge pressure approx 16 kg/cm2g, 1000 water litre capacity air receiver for instrumentation air, air dryer along with all accessories and auxiliaries.  e)Transportation of GAS ENGINE DRIVEN 1200 SCMH CNG COMPRESSORS 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.	Nos.			12			Not Quoted	Not Quoted	To Be Evaluated
	Total of Supply- {A}								Not Quoted	To Be Evaluated
В.	TRANSPORTATION	Unit		SAC Code	Quantity	Unit Rate except GST	GST On Column 2 in %	Unit Price inclusive of all applicable taxes (2) * {1+(3)}	Total Price inclusive of all applicable taxes (1) * (4)	NPV (Net Present value)
1.2	Re-transportation of packages if delivered at store to respective site including loading & unloading within the same GA	Nos.			4			Not Quoted	Not Quoted	To Be Evaluated
	Total of Transportation {B}								Not Quoted	To Be Evaluated
C	SERVICES - Common for all Locations									
2.0	INSTALLATION, COMMISSIONING, TESTING	Unit		SAC Code	Quantity	Unit Rate except GST	GST On Column 2 in %	Unit Total charges inclusive of taxes (2) * {1+(3)}	Total Charges inclusive of taxes (1) * (4)	NPV (Net Present value)
2.1	Installation, commissioning & Field performance test of Compressor Package including all accessories/ equipment(s) i.e. air compressor, CO2 flooding system etc. system at site.	Nos.			12			Not Quoted	Not Quoted	To Be Evaluated
	Sub-Total for Services {C}								Not Quoted	To Be Evaluated
3.0 (D)	SERVICES FOR OPERATIONS & COMPREHENSIVE MAINTENANCE									



	N	ame 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 (12 packages X 3 shifts X 365 days = 13,140 shifts)	Nos. of shifts	862		13140			Not Quoted	Not Quoted	To Be Evaluated
3.1.2	Operation charges for 2nd year i.e., during Warranty period per shift of 8hrs (12 packages X 3 shifts X 365 days = 13,140 shifts)	Nos. of shifts	862		13140	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 (12 packages X 3 shifts X 365 days = 13,140 shifts)	Nos. of shifts	862		13140	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 (12 packages X 3 shifts X 365 days = 13,140 shifts)	Nos. of shifts	862		13140	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 (12 packages X 3 shifts X 365 days = 13,140 shifts)	Nos. of shifts	862		13140	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 (12 packages X 3 shifts X 365 days = 13,140 shifts)	Nos. of shifts	862		13140	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 (12 packages X 3 shifts X 365 days = 13,140 shifts)	Nos. of shifts	862		13140	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 (12 packages X 3 shifts X 365 days = 13,140 shifts)	Nos. of shifts	862		13140	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 (12 packages X 3 shifts X 365 days = 13,140 shifts)	Nos. of shifts	862		13140	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 (12 packages X 3 shifts X 365 days = 13,140 shifts)	Nos. of shifts	862		13140	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.	Uı	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. (12 packages X 12 Months = 144)  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		144			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. (12 packages X 12 Months = 144) 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		144	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



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	N <sub>2</sub>									
-	I your over annie 6 commelousius maintenant de la commelousius maintenant de la comme	Currency:		INR		ı	1			
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. (12 packages X 12 Months = 144) 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		144	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. (12 packages X 12 Months = 144) 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		144	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. (12 packages X 12 Months = 144) 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		144	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. (12 packages X 12 Months = 144)  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		144	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. (12 packages X 12 Months = 144)  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		144	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. (12 packages X 12 Months = 144) 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		144	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. (12 packages X 12 Months = 144) 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		144	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



N								
	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 consumables etc.  (12 packages X 12 Months = 144)  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		144	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 Evaluate
TOTAL OF COMPREHENSIVE MAINTENANCE CHARGES							Not Quoted	To Be Evaluate
Total of OPERATIONS & COMPREHENSIVE MAINTENANCE (D1	+ D2)						Not Quoted	Not Quote
4.0 (E) Value of Gas Loss & Energy Consumption								
Package Gas Loss  F = G x H x I x N x W Where, F = Loading amount in Rs.  G = Vent/Leakage rate quoted in percentage  H = Cost of Natural Gas per Kg @ Rs. 54/- per kg  I = Avg. no. of running hours per year i.e. @ 5475 hours  N = Number of machines  W = 858 Kg/Hr for 1200 SCMH		G = Vent/ Leakage rate (to be quoted by bidder in percentage)	N = Number of machines	H = Cost of Natural Gas per Kg @ Rs. 54/- per kg	I = Avg. no. of running hours per year i.e. @ 5475 hours	W = 858 Kg/Hr for 1200 SCMH	Loading amount in Rs. (F)	Package Gas Loss (F)
4.1.1 Package Gas Loss for 1st year			12	54	5475	858	Not Quoted	To Be Evaluate
4.1.2 Package Gas Loss for 2nd year			12	54	5475	858	Not Quoted	To Be Evaluate
4.1.3 Package Gas Loss for 3rd year			12	54	5475	858	Not Quoted	To Be Evaluate
4.1.4 Package Gas Loss for 4th year			12	54	5475	858	Not Quoted	To Be Evaluate
4.1.5 Package Gas Loss for 5th year			12	54	5475	858	Not Quoted	To Be Evaluate
4.1.6 Package Gas Loss for 6th year			12	54	5475	858	Not Quoted	To Be Evaluate
4.1.7 Package Gas Loss for 7th year			12	54	5475	858	Not Quoted	To Be Evaluate
4.1.8 Package Gas Loss for 8th year			12	54	5475	858	Not Quoted	To Be Evaluate
4.1.9 Package Gas Loss for 9th year			12	54	5475	858	Not Quoted	To Be Evaluate
4.1.10 Package Gas Loss for 10th year			12	54	5475	858	Not Quoted	To Be Evaluate
Total of Package Gas Loss for 10 years							Not Quoted	To Be Evaluated
b. Engine Fuel Consumption F = G x H x I x N Where, F = Loading amount in Rs. 4.2 G = Bidder's Gas consumption rate quoted in Kg/hr for every 1200 SCMH (858 Kg/hr) of CNG produced H = Cost of natural gas per Kg @ Rs. 54/- per Kg I = Avg. no. of running hours per year i.e. @ 5475 hours N = Number of machines		G = Bidder's Gas consumption rate quoted in Kg/hr for every 1200 SCMH (858 Kg/hr) of CNG produced	N = Number of machines	H = Cost of natural gas per Kg @ Rs. 54/- per Kg	I = Avg. no. of running hours per year i.e. @ 5475 hours		Loading amount in Rs. (F)	Loading amount in Rs. (F)
4.2.1 Engine Fuel Consumption for 1st year			12	54	5475		Not Quoted	To Be Evaluate
4.2.2 Engine Fuel Consumption for 2nd year			12	54	5475		Not Quoted	To Be Evaluate
4.2.3 Engine Fuel Consumption for 3rd year			12	54	5475		Not Quoted	To Be Evaluate
4.2.4 Engine Fuel Consumption for 4th year			12	54	5475		Not Quoted	To Be Evaluate
4.2.5 Engine Fuel Consumption for 5th year			12	54	5475		Not Quoted	To Be Evaluate
4.2.6 Engine Fuel Consumption for 6th year			12	54	5475		Not Quoted	To Be Evaluate
4.2.7 Engine Fuel Consumption for 7th year			12	54 54	5475 5475		Not Quoted	To Be Evaluate
4.2.8 Engine Fuel Consumption for 8th year 4.2.9 Engine Fuel Consumption for 9th year			12 12	54	5475		Not Quoted Not Quoted	To Be Evaluate To Be Evaluate
4.2.9 Engine Fuel Consumption for 9th year 4.2.10 Engine Fuel Consumption for 10th year			12	54	5475 5475		Not Quoted Not Quoted	To Be Evaluate
4.2.10   Engine Fuel Consumption for 10th year  Total of Engine Fuel Consumption for 10 years			12	34	34/3		Not Quoted Not Quoted	To Be Evaluate
· · ·	±E2).							
Total of Package Gas Loss & Engine Fuel Consumption for 10 years (El	ITE2)						Not Quoted	To Be Evaluated
GRAND TOTAL for complete scope {A+B+C+D+E}		Not Quoted						To Be Evaluate



### SCHEDULE OF RATES

### FOR SUPPLY, INSTALLATION, TESTING, COMMISSIONING, OPERATION AND COMPREHENSIVE MAINTENANCE OF 1200 SCMH GAS ENGINE DRIVEN COMPRESSOR PACKAGES

	Name of bidder:								
	Currency:	INR							
GRA	ND TOTAL of Quoted Price for complete scope (except Value of Gas Loss & Engine Fuel Consumption) {A+B+C+I		Not Quoted	To Be Evaluated					
Note:									
Note:	Scope of Supply, Work and other terms and conditions are strictly as per bid document.								
2		of Pates and submit the same in Un priced part of the hid. Didder to submit Price part of above Schedule of Pates in their	Drigad Did						
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.  Bidder must quote the price in Schedule of Rates format only. Bid submitted with changed format / description is liable to be rejected.								
1	Bioder must quote the price in Sciencia or in Scien								
- 4	Doubte to quote the forest 30K line miles of the entire contract.  Outstart are firm and fixed till complete execution of the entire contract.								
6	Quiote rates are imm and more un compare execution to the charte contact.  Purchaser reserves the right to decrease/increase the Scope of Work as per provision of Bid document before & after award of contract.								
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	Prices quoted at column 5 are all inclusive of applicable taxes.	non responsive and more to be rejected.							
- 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 are of same	bidder.							
10	For Comprehensive Annual Maintenance Contract (CAMC), fixed charges for 1st year to be considered within the range of prescribed range of CAMC, than the bids will be liable to be rejected.		arges. If bidder quotes lesser or	higher price then the					
11	Please note that prevailing minimum wages of Rs. 862 per shift has been considered for Operations portion of this Note: Minimum wage component is indicated in SOR for reference purpose only, however, minimum wages (preva Bidder shall be quoting additional charges (which shall include but not limited to – Uniform charges, conveyance, of bids and only additional charges shall be considered for calculation of NPV.								