



मेकॉन लिमिटेड (भारत सरकार का संस्थान)

MECON LIMITED (A GOVT. OF INDIA ENTERPRISES)



13वां एवं 15वां तल, नार्थ टॉवर, स्कोप मीनार, लक्ष्मी नगर व्यवसायिक केन्द्र, दिल्ली-110092, (भारत)

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GSTIN : 07AACCM2119B1Z4 वेबसाइट / Website : <http://meconlimited.co.in>

स्वीकृति का फैक्स / FAX OF ACCEPTANCE (FOA)

FOA NO. 05/51/Q7NT/GAIL/001-IV-14 /FOA-1012

DATE: 05.03.2024

TO : M/S KULDEEP KUMAR CONTRACTOR
PHONE : +91- 9813011555, 0184-2221452
EMAIL : kkcknl@gmail.com
ATTN : MR. PANKAJ KUMAR, PARTNER
FROM : SR. GM (CONTRACTS), MECON LIMITED, DELHI

PLEASE REFER TO YOUR OFFER NO. NIL DATED NIL (NIC BID ID: 648038) AND ALL OTHER SUBSEQUENT CORRESPONDENCE AGAINST BIDDING DOCUMENT NO. 05/51/Q7NT/GAIL/001-IV-14 DATED 02.12.2023 (TENDER ID.: 2023_GAIL_176249_1) & COMM. CORR.#1 DATED 21.12.2023 FOR MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREA (2 YEARS ARC) UNDER CGD PROJECT AT SIX GAS FOR CGD PROJECT AT SIX GAS FOR GAIL (INDIA) LIMITED. (.)

WE HEREBY ISSUE THIS FAX OF ACCEPTANCE (FOA) FOR AWARD FOR COMPLETE SCOPE OF WORK OF TENDER AT AN ESTIMATED CONTRACT VALUE OF RS. 5,73,08,360/- (INDIAN RUPEES FIVE CRORE SEVENTY-THREE LAKHS EIGHT THOUSAND THREE HUNDRED SIXTY ONLY) EXCL. GST. GST SHALL BE PAYABLE EXTRA AS PER TENDER PROVISIONS. (PRESENT RATE OF GST@18%).

THE DETAILED BREAKUP OF ABOVE ORDER VALUE IS ENCLOSED AS ANNEX-1(.)

THE COMPLETION PERIOD SHALL BE AS PER TENDER DOCUMENT(.)

PLEASE SUBMIT CONTRACT PERFORMANCE BANK GUARANTEE @ 10% OF ANNUALISED ORDER /CONTRACT VALUE [EXCLUDING GST] WITHIN 30 DAYS OF FOA/NOTIFICATION OF AWARD AS PER CL. NO. 38 OF ITB OR AS PER BDS (ANNEXURE-IV TO SECTION-III OF VOL I OF II) AND CONTRACT AGREEMENT AS PER CL. NO.37 OF ITB OF TENDER DOCUMENT (.)

YOU ARE REQUESTED TO CONTACT PROJECT COORDINATOR (MR. PRATEEK MAHESHWARI, MANAGER (CGD), MECON LIMITED, EMAIL ID: pmaheshwari@mecon.co.in) FOR FURTHER INSTRUCTIONS (.)

ALL OTHER TERMS AND CONDITIONS SHALL BE AS PER BIDDING DOCUMENT & CORRIGENDUM THERE OF AS STATED ABOVE AND AS AGREED TILL DATE (.)

A DETAILED ORDER SHALL FOLLOW (.)

FOR & ON BEHALF OF GAIL (INDIA) LIMITED
(BY ITS CONSTITUTED ATTORNEY)

राकेश शर्मा / RAKESH SHARMA

वरि. महाप्रबंधक (अनुबंध) / SR. GM (CONTRACTS)
मेकॉन लिमिटेड, दिल्ली / MECON LIMITED, DELHI

CC: BY COURIER TO:

M/s Kuldeep Kumar Contractor

Shop No. 452, 1st Floor, New Grain Market, Karnal-132001, Haryana

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Tender No: 05/51/Q7NT/GAIL/001-iv-14

Sl. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	
1	Mechanical & Piping Works					
2	SECTION-A : SS TUBE & FITTING - SUPPLY, LAYING & TESTING					
3	Laying, testing and commissioning of SS tubes along with fittings as per Technical Specification, Typical P & ID for type of CNG station and scope of work including handling, lifting, transportation from stores to CNG stations.					
4	¾"OD X 0.095" min Wall thk. SS Tube (Refer TS Section III - A)	2890	RM	361.20	1,043,868	
5	½"OD X 0.083" min Wall thk. SS Tube (Refer TS Section III - A)	297	RM	361.20	107,276	
6	SUPPLY OF SS TUBES as per Technical Specification					
7	¾"OD X 0.095" min Wall thk., Material SS316SS Tube (Refer TS Section III - A)	288	RM	1,785.00	514,080	
8	½"OD X 0.083" min Wall thk., Material SS316 SS Tube (Refer TS Section III - A)	36	RM	1,541.00	55,476	
9	Note: Quantities beyond mentioned quantities may be provided as free issue.					
10	Supply of SS Fittings, Valves					
11	Quick Connect Body & Stem					
12	End connection: ½" Tube OD, for stem & ½"NPT (F) for body Material : SS316; Rated pressure : 5000 PSI @ 70°F Temperature: 0°F to 400°F	25	Nos.	6,759.00	168,975	
13	Plug					
14	Size : ½" OD, Material : SS316 (Rated pressure : 5000 PSI @ 70°F Temperature : 0°F to 400°F)	25	Nos.	532.00	13,300	
15	Size : ¾" OD, Material : SS316 (Rated pressure : 5000 PSI @ 70°F Temperature : 0°F to 400°F)	51	Nos.	693.00	35,343	
16	Caps					

SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

Sl. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	
17	Size : 1/2" OD, Material : SS316 (Rated pressure : 5000 PSI @ 70°F Temperature : 0°F to 400°F)	25	Nos.	544.95	13,624	
18	Size : 3/4" OD, Material : SS316 (Rated pressure : 5000 PSI @ 70°F Temperature : 0°F to 400°F)	127	Nos.	786.45	99,879	
19	Union					
20	Size : 3/4" OD, Material : SS316 (Rated pressure : 5000 PSI @ 70°F Temperature : 0°F to 400°F)	595	Nos.	2,071.65	1,232,632	
21	Size : 1/2" OD, Material : SS316 (Rated pressure : 5000 PSI @ 70°F Temperature : 0°F to 400°F)	51	Nos.	1,255.80	64,046	
22	Reducing Union					
23	Tube OD 3/4" x Tube OD 1/2", Material : SS316 (Rated pressure : 5000 PSI @ 70°F Temperature : 0°F to 400°F)	119	Nos.	1,985.55	236,280	
24	Equal Tee					
25	Size: 1/2" OD x 1/2" OD, Material: SS316 (Rated pressure : 5000 PSI @ 70°F Temperature : 0°F to 400°F)	8	Nos.	1,998.15	15,985	
26	Size: 3/4" OD x 3/4" OD, Material : SS316 (Rated pressure : 5000 PSI @ 70°F Temperature : 0°F to 400°F)	76	Nos.	3,702.30	281,375	
27	Reducing Union Tee					
28	3/4" OD x 1/2" OD x 3/4" OD, Material : SS316 (Rated pressure : 5000 PSI @ 70°F Temperature : 0°F to 400°F)	8	Nos.	4,441.50	35,532	
29	Tube End Connection					
30	1/2" Tube End & 3/4" OD with Ferrule Fitting, SS316 (Rated pressure : 5000 PSI @ 70°F Temperature : 0°F to 400°F)	102	Nos.	1,050.00	107,100	
31	Nut					

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Tender No: 05/51/Q7NT/GAIL/001-iv-14

Sl. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING LEVIES, FREIGHT, INSURANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING LEVIES, FREIGHT, INSURANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	
32	¾" OD, Material : SS316(Rated pressure : 5000 PSI @ 70°F Temperature : 0°F to 400°F)	51	Nos.	349.65	17,832	
33	½" OD, Material : SS316(Rated pressure : 6000 PSI @ 70°F Temperature : 0°F to 400°F)	25	Nos.	221.55	5,539	
34	Front Ferrule					
35	¾" OD, Material : SS316(Rated pressure : 5000 PSI @ 70°F Temperature : 0°F to 400°F)	51	Nos.	194.25	9,907	
36	½" OD, Material : SS316(Rated pressure : 5000 PSI @ 70°F Temperature : 0°F to 400°F)	25	Nos.	126.00	3,150	
37	Back Ferrule					
38	¾" OD, Material : SS316(Rated pressure : 5000 PSI @ 70°F Temperature : 0°F to 400°F)	51	Nos.	173.25	8,836	
39	½" OD, Material : SS316(Rated pressure : 5000 PSI @ 70°F Temperature : 0°F to 400°F)	25	Nos.	114.45	2,861	
40	Male Connector					
41	Size ¼" NPT (M) x ¾" OD, SS316(Rated pressure : 5000 PSI @ 70°F Temperature : 0°F to 400°F)	8	Nos.	448.35	3,587	
42	Size ½" NPT (M) x ¾" OD, SS316(Rated pressure : 5000 PSI @ 70°F Temperature : 0°F to 400°F)	25	Nos.	607.95	15,199	
43	Cross					
44	¾" OD X ¾" X ¾" OD X ¾" OD Material : SS316(Rated pressure : 5000 PSI @ 70°F Temperature : 0°F to 400°F)	8	Nos.	4,962.30	39,698	
45	SS Ball Valves, conforming to MECON's Technical Specification No. MEC/T5/05/62/048 for SS Ball Valves of following sizes, specifications as indicated below :					

SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

Sl. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANGE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANGE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	
46	2-Way Trunnion Full Bore Ball Valve ¾"	8	Nos.	14,665.35	117,323	
47	2-Way Floating Full Bore Ball Valve ¾"	382	Nos.	17,850.00	6,818,700	
48	2-Way Trunnion Full Bore Ball Valve ½"	8	Nos.	14,081.00	112,648	
49	2-Way Floating Full Bore Ball Valve ½"	119	Nos.	16,800.00	1,999,200	
50	3-Way Trunnion Mounted, Reducer Bore Ball Valve ½" OD end Connection and ¼" NPT (F) bottom end connection	8	Nos.	24,658.20	197,266	
51	Conductive Core Thermoplastic Hose					
52	3/8" ID Conductive Core Thermoplastic Hose for CNG Service with break away coupling	8	Nos.	81,112.50	648,900	
53	Supply of SS 304 Tubes along with isolation valves, reducers & fittings etc.as per Technical Specification, Typical schematic drg. for Ins. air line of CNG station and scope of work including handling, storage, lifting, transportation upto CNG stations. (Note: Total no. of ferrule fittings may be considered as one jointing ferrule at every 5.0 m)					
54	½" OD X 0.083" min Wall thk. SS Tube (Refer TS Section III - A)	42	RM	405.30	17,023	
55	Laying, testing and commissioning of SS 304 Tubes along with isolation valves, reducers & fittings etc.as per Technical Specification, Typical schematic drg. for Ins. air line of CNG station and scope of work including handling, storage, lifting, transportation upto CNG stations. (Note: Total no. of ferrule fittings may be considered as one jointing ferrule at every 5.0 m)					
56	½" OD X 0.083" min Wall thk. SS Tube (Refer TS Section III - A)	42	RM	328.65	13,803	
57	SECTION-B : ERECTION OF MECH. EQUIPMENT					

SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

Sl. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANGE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANGE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	
58	Handling (including lifting and transportation from Client's store within city to CNG stations) and erecting in position, the following equipment either on the foundation at Ground level or on roof at 3.5 m above ground level. Contractor's scope shall include supply of all material and accessories including but not limited to any fixtures, clamps, gasket, nut bolts, etc. :					
59	Cascade 4500/3000/2200 L water capacity. Erection at + 4.0 M level (Refer TS Section III - B)	25	Nos.	15,750.00	393,750	
60	Cascade 4500/3000/2200 L water capacity, Erection at + Ground level (Refer TS Section III - B)	8	Nos.	15,750.00	126,000	
61	Dispenser Erection at + Ground Level	38	Nos.	10,500.00	399,000	
62	Note: The quantities given above against individual items are indicative and shall not be considered to be binding. The quantities may increase or decrease at site at the time of actual execution and as per the discretion of Owner/ Engineer-in-charge. The unit rate shall be operated to work out the final payment due to Contractor.					
63	SECTION-C : SUPPLY, ERECTION & COMMISSIONING OF MISCELLANEOUS ITEM					
64	Supply, erection & commissioning of following miscellaneous items as per technical specification and at locations (within the stations) as directed by EIC					
65	Air compressor pump (Refer TS Section III - C) (Tyre Inflator)	1	No.	105,000.00	105,000	
66	Water cooler (Refer TS Section III - C)	1	No.	52,500.00	52,500	

SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

SI. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER TAXES ON BUILDING AND OTHER ETC.	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	
67	Fire fighting Equipments (Refer TS Section III - C)					
68	DCP -9 Kg	89	Nos.	4,705.05	418,749	
69	DCP -75 Kg	25	Nos.	31,500.00	787,500	
70	CO2 - 4.5 Kg	25	Nos.	7,786.80	194,670	
71	Sand Bucket (4 Nos. on each strand)	25	Nos.	4,866.75	121,669	
73	STRUCTURAL WORKS					
74	Pipe Supports & Other Structures					
75	Supply, fabrication and erection of all types of pipe supports like clamps, saddle, guide stops, cradles, turn buckles, anchors, T-posts; stockade/ trestle and pipe bridge for overhead piping; frames for canopy, approach ladders and platforms, crossover, cable tray supports, etc. including painting suitable for highly corrosive area as per specification labour and supervision & complete work as per drawings, specifications and instruction of Engineer-in-charge. (Bolts, nuts, washers, U-clamps etc. for supporting shall be supplied by the Contractor within the rates quoted. These items will not be measured and paid seperately). The work is to be completed in all respect as per scope of work and specification.	6	MTon.	126,000.00	756,000	



SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

Sl. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON ISSUE MATERIALS, TAXES ON BUILDING AND OTHER AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	
76	Notes: 1)The quantities indicated above are tentative and may vary as per the site requirements. Final payment will be made based on executed quantities certified by the Owner/Owner's representative. 2)The quoted rates shall be inclusive of the cost of MS bolts (permanent and service), washers, electrodes, putty, gases, cost of straightening the raw materials, cutting of flats from plates and providing splices, paints, tools, plants etc., as required to complete the work. 3)All handling and transport charges of raw materials and fabricated structures including double handling, as required, for completion of work in accordance with time schedule, are deemed to be included in the quoted rates.					
77	PRESSURE GAUGES					
78	Supply, installation and calibration of pressure Gauges and their accessories inclusive of supply of necessary piping materials/tubings alongwith all necessary valves & fittings, fabrication and installation of impulse lines/manifolds as per D. S. No. MEC/23H7/05/E5/001/DS-PG.	25	Nos.	2,100.00	52,500	
79	TEMPERATURE GAUGES					
80	Supply, installation and calibration of Temperature Gauges and their accessories inclusive of supply of necessary piping materials/tubings alongwith all necessary valves & fittings, fabrication and installation of impulse lines/manifolds as per D. S. No. MEC/23H7/05/E5/001/DS-PG.	25	Nos.	2,100.00	52,500	

SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

Sl. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANGE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	
81	ELECTRICAL WORKS (SUPPLY)					
82	SUPPLY					
83	Design, engineering, manufacture, shop testing, supply including packing and forwarding, transportation, delivery at storage and from storage to site of power distribution board (PDB) :					
84	415 V, 36 KA single front type indoor PDB to receive input power consisting of bus bar chamber, cable alley, outgoing with Fuse complete with wiring, indication lamp, ammeter, voltmeter, MFM (Multi Function Meter) etc including all labour and materials with operating mechanism, all accessories, mandatory spares as per data sheet, auxiliaries with FLP LCS(Local Control switch) for tripping the main incomer of PDB etc complete in all respects as specified in technical specification, data sheet & SLD no. MEC/Q7NT/05/E9/E/1081A & as per standard Specification. Single incomer of 125 Amp (with Single phase preventer & VMR) 4P MCCB (with Micro processor and based O/C,S/C & E/F RELEASE with LSIG & Shunt trip) . Outgoing with 01 no. 80 Amp TPN MCCB (with TM based O/C,S/C & E/F RELEASE) for Booster Compressor. Outgoing with 01 no. 63 Amp TPN MCCB (with TM based O/C,S/C & E/F RELEASE) for APFC panel. Outgoing with 02 nos. 32 Amp TPN MCCB (with TM based O/C & S/C RELEASE) for UPS and Static Bypass. Outgoing with 3 nos. 40A Fuse and 3 nos. 10A DP MCB with Timer(24Hrs) Auto/Manual Outgoing with 3 nos. 40A Fuse and 3 nos. 10A DP MCB without Timer	15	Nos.	283,500.00	4,252,500	



SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

Sl. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANGE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC.	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANGE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	
85	415 V, 36 KA single front type indoor PDB to receive input power consisting of bus bar chamber, cable alley, outgoing with Fuse complete with wiring, indication lamp, ammeter, voltmeter, MFMM (Multi Function Meter) etc including all labour and materials with operating mechanism, all accessories, mandatory spares as per data sheet, auxiliaries with FLP LCS (Local Control switch) for tripping the main incomer of PDB etc complete in all respects as specified in technical specification, data sheet & SLD no. MEC/Q7NT/05/E9/E/1081B & as per standard Specification. Single incomer of 100 Amp (with Single phase preventer & VMR) 4P MCCB (with Micro processor and based O/C, S/C & E/F RELEASE with LSIG & Shunt trip) . Outgoing with 01 no. 63 Amp TPN MCCB (with TM based O/C, S/C & E/F RELEASE) for Gas Driven Compressor. Outgoing with 02 nos. 32 Amp TPN MCCB (with TM based O/C & S/C RELEASE) for UPS and Static Bypass. Outgoing with 3 nos. 40A Fuse and 3 nos. 10A DP MCB with Timer(24Hrs) Auto/Mannual Outgoing with 3 nos. 40A Fuse and 3 nos. 10A DP MCB without Timer	10	Nos.	283,500.00	2,835,000	
86	Floor mounted APFC Panel of 10KVAR capacitor bank in steps of 4x2.5 KVAR capacitors consisting of bus bar chamber, cable alley incoming (MCCB), outgoing feeder (MCBs) as specified in tender specification	15	Nos.	59,850.00	897,750	
87	Outdoor type dust & weather proof sheet steel (2 mm thick) enclosed MCCB of following rating for mounting on wall or pedestal. 150A, 415V, 4 Pole AC-23 duty and suitable for termination of 3.5 x 120/95/50 sq.mm A2XFY cable on incomer terminals and outgoing terminals with RYB Indication, Voltmeter & Ammeter etc.	15	Nos.	23,100.00	346,500	



SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

Sl. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANGE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC.	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANGE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC.	
88	Outdoor type dust & weather proof sheet steel (2 mm thick) enclosed MCCB of following rating for mounting on wall or pedestal. 125A, 415V, 4 Pole AC-23 duty and suitable for termination of 3.5 x 120/95/50 sq.mm A2XFY cable on incomer terminals and outgoing terminals with RYB Indication, Voltmeter & Ammeter etc.	10	Nos.	23,100.00	231,000	
89	Design, engineering, supply including packing and forwarding, transportation, delivery at storage, of the complete earthing and lightning protection system, earth electrodes/ pit, earth main ring, earthing of electrical equipments, instrument panels, field instruments, process equipments and pipes/ flanges including all associated civil work with all material (Like Bitumen coating) and labour as per specification and drawings approved by the company in with IS 3043.					
90	Earth Pits- GI PIPE Electrode with 6 mm thick chequered plate cover	125	Nos.	9,868.95	1,233,619	
91	Earth Pits- Copper plate Electrode with 6 mm thick chequered plate cover	25	Nos.	23,657.55	591,439	
92	GI Strip (50X6) mm	2500	Mtrs	270.90	677,250	
93	GI Strip (25X3) mm	5000	Mtrs	85.05	425,250	
94	Advance maintenance free earthing system with 3mtr earth electrode of low carbon steel with 250 micron copper coating with carbon based backfill compound as per IS 3043/IEEE-80.	1	Nos.	8,787.45	8,787	
95	Arrangement for Earthing of LCV with Flexible green Cu wire (25 sqmm of approx 30 Meter length) ,Clamp (including bolting arrangement) ,Flexible PVC, crocodile clamps(2 nos.each) and other item etc. including MS enclosure box with door of sheet thk (2.00mm) color etc.	25	Sets	5,250.00	131,250	

SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

SI. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANGE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	
96	Design, engineering, supply including packing and forwarding, transportation, delivery at storage, of the 1.1kV grade XLPE insulated, PVC sheathed, FRLS power and control cables (conforming to IS:7098 and specification) including Cable glands & Lugs etc. of following sizes in trenches/ excavated under ground trench /trays, pulling through pipes and its proper sealing, cutting of paved area, roads etc.					
97	3.5x 120 mm2 A2XFY	10	Mtrs.	596.40	5,964	
98	3.5x 95 mm2 A2XFY	10	Mtrs.	473.55	4,736	
99	3.5x 50 mm2 A2XFY	5000	Mtrs.	252.00	1,260,000	
100	4x 25 mm2 A2XFY	500	Mtrs.	192.15	96,075	
101	4x10 mm2 2XWY	500	Mtrs.	137.55	68,775	
102	4x 6 mm2 2XWY	1250	Mtrs.	108.15	135,188	
103	4x 2.5 mm2 2XWY	20000	Mtrs.	157.50	3,150,000	
104	Supply including packing and forwarding, transportation, delivery at storage of lighting fixtures complete with mounting bracket, flame proof/non flame proof, control gear box as per the type of fixture, lamps etc. including civil work with pipe inserts for cables and connecting work, with all material and labour as per specifications, drawings and instruction of Engineer-in-charge. Work to be completed in all respects.					
105	Street lighting, integral flame proof well glass fixture (CMIFR approved for Zone-1/2 gas group IIA & IIB) with 72 W LED luminaire with flame proof control gear Model no. FLPW-1095 of Baliga make or equivalent)	150	Nos.	7,350.00	1,102,500	

SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

Sl. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC.	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC.	
106	Street lighting pole 6mtr high GI octagonal pole (Type BOP-6030 of Bajaj make or equivalent) complete with bracket, GI clamps for fixing flame proof control gear box as per standard drawing & specification.	150	Nos.	11,550.00	1,732,500	
107	UPS SYSTEM Design, supply, packing, forwarding, delivery by equipment supplier at site including commissioning spares as required of UPS systems as per specification, datasheet, block diagram of the following rating :					
108	3KVA, 230 V Single phase, 50 Hz, single industrial type, UPS system suitable for input Power supply voltage of 320V-460V-TPN with healthy single-Phase Selection, Output 230V +/-1%, AC with Bypass supply, Battery Bank, ACDB (Incomer 32A DP MCB & Outgoing 10 Nos. 6A to 10A DP MCB) and 2.0 hrs. Battery backup (VRLA, 12V) and battery capacity shall not be less than 13.0 KVAh (where KVAh = battery AH x 12 V x No. of Batteries). As per enclosed Specification, Block diagram & Data sheet and shall be complete in all respect. Including All interconnecting cables among UPS, Rectifier, battery stand, ACDB etc (30 mtr shall be considered between battery bank and UPS panel, 30 mtr cable shall be considered between ACDB and UPS panel.	25	Set	525,000.00	13,125,000	



SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

SI. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANGE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC.	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANGE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC.	
109	Supply, Transportation at site of following sizes of HDPE Pipe in required length fixed on steel, concrete or similar structure, laid in trenches, digging, construct conduit ductbank and buried in concrete including cutting, bending and similar works, supply of clamps, small iron structures, spacers and installation of seats, plugs, bushings etc., civil works and its materials, including all labour and materials complete as per approved drawings and directions of Engineer-In-Charge.					
110	50 mm NB	8000	Mtrs	84.00	672,000	
111	100 mm NB	4000	Mtrs	147.00	588,000	
112	Supply of following Hot Dip Galvanized Ladder/Perforated Type cable trays (as per IS 2629) including bends, tee, crosses, horizontal and vertical splices along with cable tray cover(Wherever required for Asthetic look) etc. as required including supply of all G.I hardware, all labour and material as required as per standard drawings, specification and direction of Engineer-in-charge					
113	Perforated type, made from 50mm height and 2.5 mm thick sheet steel & galvanized (86 microns) of following sizes.					
114	150mm wide	250	Mtrs	770.70	192,675	
115	300mm wide	250	Mtrs	1,230.60	307,650	
116	Erection Material					



SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

Sl. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANGE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANGE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	
117	Supply of MS base frame support for switch gear and bracket for misc. electrical equipment, cable tray support out of roled MS section, pipes, plates etc including welding, bolting, reveting, supply of necessary anchor bolts and grouting etc supply of paints applying one coat of anti rust primer two finish coats of approved synthetic enamel paints including bracking walls, floors etc for structure as required including supply of all GI hardware materials including all labour and materials complete as required and the direction of Engineer-in-charge.					
118	For RO/DBS	25	Lumpsum	10,500.00	262,500	
119	Supply of the following including the supply of necessary clamp, bolts, rawl plugs etc. breaking and making good of walls, if required, and including all labour and materials complete as per directions of Engineer-In-Charge, applicable standards and Indian Electricity rules.					
120	Shock hazard charts complete with frame and glass	25	Nos.	135.45	3,386	
121	First Aid Boxes	25	Nos.	5,407.50	135,188	
122	Carbon-di-oxide(CO2) type fire extinguisher 4.5 Kg capacity Complete with gunmetal valve conforming to IS : 3224 With ISI mark, Discharge horn with bend & wall fixing Bracket With Mfg. Test certificate	50	Nos.	6,489.00	324,450	
123	Caution boards (Danger, High Volatage) including supply of necessary clamps, bolts and other hardware.	25	Nos.	135.45	3,386	
124	Single Line Diagram complete in glass frame.	25	Nos.	6,759.90	168,998	AHR



SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

SI. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC.	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	
125	Supply of Insulating Mats 11kV grade (as per IS:15652 - 2006) of 1000mm width, required for maintenance of electrical equipment in substation as required including cutting to required shape in running length and including all labour and materials etc. complete and as per directions of Engineer-In-Charge as per applicable Indian or International standards and Indian Electricity Rules.	125	Mtrs	676.20	84,525	
126	Supply of electrical accessories including, cable tags, cable tie, Flexible pvc conduit, cable marker, nickle plated lugs, double compressed brass cable glands, brass adaptor/reducers/nipples, fixing of metallic anchor fasteners for supporting of cable trays and misc. electrical switchgear including all labour and materials complete as required and as per directions of Engineer-In-Charge.					
127	For RO/DBS	25	Lumpsum	10,500.00	262,500	
128	Supply of required material for construction of Cable pit with pit cover (SFRC cover HD-20 of IS-12592) including civil works repair, concrete wall/brick wall & its materials, cable conduits interface & its water sealing, cable support structure including all labour and materials complete in all aspect as per approved drawings and directions of Engineer-In-Charge.					
129	500X500(of inside clearance)X 600(Depth)	125	Nos.	2,703.75	337,969	
130	750X750(of inside clearance)X800(Depth)	125	Nos.	3,379.95	422,494	
131	1000X1000(of inside clearance)X1000(Depth)	50	Nos.	4,056.15	202,808	
132	ELECTRICAL WORKS (Erection)					
133	ERECTION, TESTING AND COMMISSIONING					

SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

SI. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING TAXES ON ISSUE MATERIALS, TAXES ON BUILDING AND OTHER AND OTHER CONSTRUCTION WORKERS, BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING TAXES ON ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	
134	Erection Testing and Commissioning of power distribution board (PDB):					
135	415 V, 36 KA single front type indoor PDB to receive input power consisting of bus bar chamber, cable alley, outgoing with Fuse complete with wiring, indication lamp, ammeter, voltmeter, MFM (Multi Function Meter) etc including all labour and materials with operating mechanism, all accessories, mandatory spares as per data sheet, auxiliaries with FLP LCS(Local Control switch) for tripping the main incomer of PDB etc complete in all respects as specified in technical specification, data sheet & SLD no. MEC/Q7NT/05/E9/E/1081A & as per standard Specification. Single In-comer of 125 Amp (with Single phase preventer & VMR) 4P MCCB (with Micro processor and based O/C,S/C & E/F RELEASE with LSIG & Shunt trip) . Outgoing with 01 no. 80 Amp TPN MCCB (with TM based O/C,S/C & E/F RELEASE) for Booster Compressor. Outgoing with 01 no. 63 Amp TPN MCCB (with TM based O/C,S/C & E/F RELEASE) for APFC panel. Outgoing with 02 nos. 32 Amp TPN MCCB (with TM based O/C & S/C RELEASE) for UPS and Static Bypass. Outgoing with 3 nos. 40A Fuse and 3 nos. 10A DP MCB with Timer(24Hrs) Auto/Manual Outgoing with 3 nos. 40A Fuse and 3 nos. 10A DP MCB without Timer	15	Nos.	10,500.00	157,500	

SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

SI. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC.	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC.	
136	415 V, 36 KA single front type indoor PDB to receive input power consisting of bus bar chamber, cable alley, outgoing with Fuse complete with wiring, indication lamp, ammeter, voltmeter, MFM (Multi Function Meter) etc including all labour and materials with operating mechanism, all accessories, mandatory spares as per data sheet, auxiliaries with FLP LCS(Local Control switch) for tripping the main incomer of PDB etc complete in all respects as specified in technical specification, data sheet & SLD no. MEC/Q7NT/05/E9/E/1081B & as per standard Specification. Single incomer of 100 Amp (with Single phase preventer & VMR) 4P MCCB (with Micro processor and based O/C,S/C & E/F RELEASE with LSIG & Shunt trip) . Outgoing with 01 no. 63 Amp TPN MCCB (with TM based O/C,S/C & E/F RELEASE) for Gas Driven Compressor. Outgoing with 02 nos. 32 Amp TPN MCCB (with TM based O/C & S/C RELEASE) for UPS and Static Bypass. Outgoing with 3 nos. 40A Fuse and 3 nos. 10A DP MCB with Timer(24Hrs) Auto/Manual Outgoing with 3 nos. 40A Fuse and 3 nos. 10A DP MCB without Timer	10	Nos.	10,500.00	105,000	
137	Floor mounted APFC Panel of 10KVAR capacitor bank in steps of 4x2.5 KVAR capacitors consisting of bus bar chamber, cable alley incoming (MCCB), outgoing feeder (MCB) as specified in tender specification	15	Nos.	2,625.00	39,375	



SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

Sl. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	
138	Outdoor type dust & weather proof sheet steel (2 mm thick) enclosed MCCB of following rating for mounting on wall or pedestal. 150A, 415V, 4 Pole AC-23 duty and suitable for termination of 3.5 x 120/95/50 sq.mm A2XFY cable on incomer terminals and outgoing terminals with RYB Indication, Voltmeter & Ammeter.	15	Nos.	2,625.00	39,375	
139	Outdoor type dust & weather proof sheet steel (2 mm thick) enclosed MCCB of following rating for mounting on wall or pedestal. 125A, 415V, 4 Pole AC-23 duty and suitable for termination of 3.5 x 120/95/50 sq.mm A2XFY cable on incomer terminals and outgoing terminals with RYB Indication, Voltmeter & Ammeter etc.	10	Nos.	2,100.00	21,000	
140	Erection Testing and Commissioning of the complete earthing and lightning protection system, earth electrodes/ pit, earth main ring, earthing of electrical equipments, instrument panels, field instruments, process equipments and pipes/flanges including all associated civil work with all material (Like Bitumen coating) and labour as per specification and drawings approved by the company in with IS 3043.					
141	Earth Pits- GI PIPE Electrode with 6 mm thick chequered plate cover	125	Nos.	1,050.00	131,250	
142	Earth Pits- Copper plate Electrode with 6 mm thick chequered plate cover	25	Nos.	2,047.50	51,188	
143	GI Strip (50X6) mm	2500	Mtrs	26.25	65,625	
144	GI Strip (25X3) mm	5000	Mtrs	26.25	131,250	
145	Advance maintenance free earthing system with 3mtr earth electrode of low carbon steel with 250 micron copper coating with carbon based backfill compound as per IS 3043/IEEE-80.	1	Nos.	656.25	656	



SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

Sl. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC.	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	
146	Arrangement for Earthing of LCV with Flexible green Cu wire (25 sqmm of approx 30 Meter length) ,Clamp (including bolting arrangement) ,Flexible PVC, crocodile clamps(2 nos.each) and other item etc. including MS enclosure box with door of sheet thk (2.00mm) color etc.	25	Sets	183.75	4,594	
147	Laying, Termination, Glanding, Testing and Commissioning of the 1.1kV grade XLPE insulated, PVC sheathed, FRLS power and control cables (conforming to IS:7098 and specification) including Cable glands & Lugs etc.of following sizes in trenches/ excavated under ground trench /trays, pulling through pipes and its proper sealing, cutting of paved area, roads etc.					
148	3.5x 120 mm2 A2XFY	10	Mtrs.	52.50	525	
149	3.5x 95 mm2 A2XFY	10	Mtrs.	52.50	525	
150	3.5x 50 mm2 A2XFY	5000	Mtrs.	21.00	105,000	
151	4x 25 mm2 A2XFY	500	Mtrs.	21.00	10,500	
152	4x10 mm2 2XWY	500	Mtrs.	21.00	10,500	
153	4x 6 mm2 2XWY	1250	Mtrs.	21.00	26,250	
154	4x 2.5 mm2 2XWY	20000	Mtrs.	21.00	420,000	
155	Erection Testing and Commissioning of of lighting fixtures complete with mounting bracket, flame proof/non flame proof, control gear box as per the type of fixture, lamps etc. including civil work with pipe inserts for cables and connecting work, with all material and labour as per specifications, drawings and instruction of Engineer-in-charge. Work to be completed in all respects.					



SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

Sl. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC.	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC.	
156	Street lighting, integral flame proof well glass fixture (CMIFR approved for Zone-1/2 gas group IIA & IIB) with 72 W LED luminaire with flame proof control gear Model no. FLPW-1095 of Baliga make or equivalent)	150	Nos.	1,575.00	236,250	
157	Street lighting pole 6mtr high GI octagonal pole (Type BOP-6030 of Bajaj make or equivalent) complete with bracket, GI clamps for fixing flame proof control gear box as per standard drawing & specification.	150	Nos.	1,575.00	236,250	
158	UPS SYSTEM Erection Testing and Commissioning of including supervision of testing and commissioning by equipment supplier at site including commissioning spares as required of UPS systems as per specification, block diagram and following rating:					
159	3KVA, 230 V Single phase, 50 Hz, single industrial type, UPS system suitable for input Power supply voltage of 320V-460V-TPN with healthy single-Phase Selection, Output 230V +/-1%, AC with Bypass supply, Battery Bank, ACDB (Incomer 32A DP MCB & Outgoing 10 Nos. 6A to 10A DP MCB) and 2.0 hrs. Battery backup (VRLA, 12V) and battery capacity shall not be less than 13.0 KVAh (where KVAh = battery AH x 12 V x No. of Batteries). As per enclosed Specification, Block diagram & Data sheet and shall be complete in all respect. Including All interconnecting cables among UPS, Rectifier, battery stand, ACDB etc (30 mtr shall be considered between battery bank and UPS panel, 30 mtr cable shall be considered between ACDB and UPS panel.	25	Set	5,250.00	131,250	

SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

SI. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANGE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC.	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANGE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	
160	Erection of following sizes of HDPE Pipe in required length fixed on steel, concrete or similar structure, laid in trenches, digging, construct conduit ductbank and buried in concrete including cutting, bending and similar works, supply of clamps, small iron structures, spacers and installation of seats, plugs, bushings etc., civil works and its materials, including all labour and materials complete as per approved drawings and directions of Engineer-In-Charge.					
161	50 mm NB	8000	Mtrs	52.50	420,000	
162	100 mm NB	4000	Mtrs	31.50	126,000	
163	Erection of following Hot Dip Galvanized Ladder/Perforated Type cable trays (as per IS 2629) including bends, tee, crosses, horizontal and vertical splices along with cable tray cover (Wherever required for Asthetic look) etc. as required including Erection of all G.I hardware, all labour and material as required as per standard drawings, specification and direction of Engineer-in-charge					
164	Perforated type, made from 50mm height and 2.5 mm thick sheet steel & galvanized (86 microns) of following sizes.					
165	150mm wide	250	Mtrs	52.50	13,125	
166	300mm wide	250	Mtrs	31.50	7,875	
167	Erection Material					



SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

SI. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANGE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANGE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	
168	Erection, Fixing and Commissioning of MS base frame support for switch gear and bracket for misc. electrical equipment, cable tray support out of roled MS section, pipes, plates etc including welding, bolting, releveling, Erection of necessary anchor bolts and grouting etc Erection of paints applying one coat of anti rust primer two finish coats of approved synthetic enamel paints including bracking walls, floors etc for structure as required including Erection of all GI hardware materials including all labour and materials complete as required and the direction of Engineer-in-charge.					
169	For RO/DBS	25	Lumpsum	3,150.00	78,750	
170	Erection Testing and Commissioning of the following including the Erection of necessary clamp, bolts, rawl plugs etc. breaking and making good of walls, if required , and including all labour and materials complete as per directions of Engineer-In-Charge, applicable standards and Indian Electricity rules.					
171	Shock hazard charts complete with frame and glass	25	Nos.	315.00	7,875	
172	First Aid Boxes	25	Nos.	315.00	7,875	
173	Carbon-di-oxide(CO2) type fire extinguisher 4.5 Kg capacity Complete with gunmetal valve conforming to IS : 3224 With ISI mark , Discharge horn with bend & wall fixing Bracket With Mfg. Test certificate	50	Nos.	315.00	15,750	
174	Caution boards (Danger, High Volatage) including Erection of necessary clamps, bolts and other hardware.	25	Nos.	315.00	7,875	
175	Single Line Diagram complete in glass frame.	25	Nos.	315.00	7,875	

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SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

SI. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON ISSUE MATERIALS, TAXES ON BUILDING AND OTHER AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING RANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	
176	Laying and Pasting of Insulating Mats 11kV grade (as per IS:15652 - 2006) of 1000mm width, required for maintenance of electrical equipment in substation as required including cutting to required shape in running length and including all labour and materials etc. complete and as per directions of Engineer-In-Charge as per applicable Indian or International standards and Indian Electricity Rules.	125	Mtrs	52.50	6,563	
177	Erection Fixing and Commissioning of electrical accessories including, cable tags, cable tie, Flexible pvc conduit, cable marker, nickle plated lugs, double compressed brass cable glands, brass adaptor/reducers/nipples, fixing of metallic anchor fasteners for supporting of cable trays and misc. electrical switchgear including all labour and materials complete as required and as per directions of Engineer-In-Charge.					
178	For RO/DBS	25	Lumpsum	2,100.00	52,500	
179	Construction of Cable pit with pit cover (SFRC cover HD-20 of IS-12592) including civil works repair, concrete wall/brick wall & its materials, cable conduits interface & its water sealing, cable support structure including all labour and materials complete in all aspect as per approved drawings and directions of Engineer-In-Charge.					
180	500X500(of inside clearance)X 600(Depth)	125	Nos.	393.75	49,219	
181	750X750(of inside clearance)X800(Depth)	125	Nos.	656.25	82,031	
182	1000X1000(of inside clearance)X1000(Depth)	50	Nos.	984.90	49,245	



SCHEDULE OF RATES OF MECHANICAL AND ELECTRICAL WORKS FOR CONSTRUCTION OF CNG STATIONS AT VARANASI GEOGRAPHICAL AREAS (2 YEARS ARC) FOR M/S GAIL INDIA LTD

Tender No: 05/51/Q7NT/GAIL/001-iv-14

Sl. No.	Item Description	Quantity	Units	KULDEEP KUMAR CONTRACTOR		AHR
				UNIT RATE INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC.	TOTAL AMOUNT INCLUSIVE OF ALL TAXES, DUTIES, LEVIES, FREIGHT, INSURANCE, INCLUDING INSURANCE OF FREE ISSUE MATERIALS, TAXES ON BUILDING AND OTHER CONSTRUCTION WORKERS, ETC. BUT EXCLUDING GST AS DEFINED IN BID DOCUMENT (IN INR)	
183	All works relating to statutory approvals of the installation from competent authority like Electrical Inspectorate, CEA, DGMS, SEB etc. including carrying out of all required modifications in design / Manufacturer / Installation to meet the requirement of Indian Electricity rules and other statutory regulations in force, carrying out necessary paper work and liaison with the authorities to obtain all necessary clearances for charging of installation as per relevant national standards. However the official fees towards the approvals shall be reimbursed by the client.	25	Lumpsum	26,250.00	656,250	
184	Total Amount excluding GST (in INR)				57,308,360	
185	GST (CGST & SGST / UTGST or IGST) @ 18% of Net Total Amount mentioned at Sl. No. 184 above. (Enter rate of applicable GST)				10,315,505	
186	Total Amount Including GST (in INR)				67,623,865	



Handwritten signature
Date: 20/05/2024