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COMPARATIVE STATEMENT

Name Of Work :- Provision of Ultra Violet Germicidal Irradiation (UVGI) system for ductable package type air-conditioning units at C.A.Porbandar.

It. No.	Description of item	Unit	Qty	Justified Cost		CENTRE TAP ENGINEERING		Gentech Engineering Services		VOLKS ENERGIE PVT LTD		b p enterprises	
				RATE	AMT	RATE	AMT	RATE	AMT	RATE	AMT	RATE	AMT
1.00	Design, Fabrication, Supply and Installation of Ultra Violet Germicidal Irradiation System (UVGI) suitable for ductable packaged type air-conditioning units for maintaining Indoor Air Quality through air-stream microbe disinfection with factory fabricated UV modules in strict compliance of tender specifications including microprocessor based control panel with provision of individual ballast for each lamp, isolation transformer, provision of RS 485 port, audible buzzer, indication lamps, auto door interlocking, interconnection between control panel & UV modules, power supply and control cabling, cable glanding, other safety equipment & mounting accessories, any minor civil works complete with Testing & Commissioning of the entire system all as required and specified. The whole system shall either be duct/AHU mounted and shall be in compliance with the selection chart based on ISHRAE recommendations. The details of the existing ductable package type air-conditioning units are as under- (Important Note: Tenderers are advised to check tender technical specifications before quoting the rate).												
1.01	Departure Hall Ductable Package AC Unit, 12000 CFM, 30 TR capacity, Location= TB Terrace,	Each	2.00	157500.00	315000.00	105000.00	210000.00	84000.00	168000.00	100000.00	200000.00	135000.00	270000.00
1.02	Arrival Hall Ductable Package AC Unit, 12000 CFM, 30 TR capacity, Location= TB Terrace,	Each	3.00	157500.00	472500.00	105000.00	315000.00	84000.00	252000.00	100000.00	300000.00	135000.00	405000.00
1.03	Security Hold Ductable Package AC Unit, 7000 CFM, 17 TR capacity, Location= TB Ground Floor,	Each	1.00	87500.00	87500.00	80000.00	80000.00	49000.00	49000.00	76000.00	76000.00	80000.00	80000.00
1.04	Security Hold Ductable Package AC Unit, 4500 CFM, 11 TR capacity, Location= TB Ground Floor,	Each	1.00	81250.00	81250.00	80000.00	80000.00	31500.00	31500.00	66000.00	66000.00	47000.00	47000.00
1.05	VIP lounge high wall mounted stand alone units	Each	2.00	45000.00	90000.00	38000.00	76000.00	50000.00	100000.00	100000.00	200000.00	7000.00	14000.00
2.00	Supply, installation, balancing and commissioning of fabricated at site GSS sheet metal rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required.....(a) Thickness 0.80 mm sheet)	Sq.Mtr	80.00	1104.00	88320.00	1000.00	80000.00	1200.00	96000.00	900.00	72000.00	1250.00	100000.00
3.00	Supply, installation, balancing and commissioning of fabricated at site GSS sheet metal rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required.....(b) Thickness 1.00 mm sheet)	Sq.Mtr	40.00	1458.00	58320.00	1300.00	52000.00	1500.00	60000.00	1050.00	42000.00	1450.00	58000.00
4.00	Supply, installation, balancing and commissioning of fabricated at site GSS sheet metal rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required.....(c) Thickness 1.25 mm sheet)	Sq.Mtr	20.00	1615.00	32300.00	1600.00	32000.00	1850.00	37000.00	1250.00	25000.00	1700.00	34000.00

07.08.2020

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				RATE	AMT	RATE	AMT	RATE	AMT	RATE	AMT	RATE	AMT
5.00	Supply and fixing of acoustic lining of supply air duct and plenum with 25 mm thick resin bonded glass wool having density of 32 kg/m ³ , with 25 mm X 25 mm GI section of 1.25 mm thick, at 600 mm centre to centre covered with Reinforced Plastic tissue paper and 0.5 mm thick perforated aluminium sheet fixed to inside surface of ducts with cadmium plated nuts, bolts, stick pins, CPRX compound etc. complete as required and as per specifications.	Sq.Mtr	40.00	647.00	25880.00	700.00	28000.00	560.00	22400.00*	1500.00	60000.00	1450.00	58000.00
6.00	Supplying and fixing 50mm thick aluminium foil faced resin bonded fibre glass insulation (on duct) of density 24 kg/cu.m or mineral wool insulation(non combustible) of density 44 kg/cum after applying two coats of cold setting adhesive (CPRX compound) sealing all joints with self adhesive aluminium tape & covering with 0.63mmx19mm GI wire mesh netting & butting all joints and laced with GI wire complete and finally covered with one layer of tar felt stuck with hot bitumen as per specifications and as required. (for outdoor applications)	Sq.Mtr	80.00	510.00	40800.00	530.00	42400.00	530.00	42400.00	1400.00	112000.00	800.00	64000.00
7.00	Dismantling of the existing ducting from site completed with insulation, supports etc. all as reqd. & as per the direction of Engineer-In-Charge.	Sq.Mtr	100.00	50.00	5000.00	45.00	4500.00	500.00	50000.00	350.00	35000.00	300.00	30000.00
	Total Rs.				1296870.00		999900.00		908300.00		1188000.00		1160000.00
	Sav Rs.				1296870.00		999900.00		908300.00		1188000.00		1160000.00
							22.9% Below JC		29.9% Below JC		8.39% Below JC		10.55% Below JC
							L-2		L-1		L-4		L-3

(C. D. SHARMA) 07.08.2020
ASST. GEN. MANAGER (E-E)
AAI CA PORBANDAR

Signature Not Verified

Digitally signed by Chandrashekhar Devikisan
Sharma
Date: 2020.08.07 15:36:00 IST
Location: eProcurement System for Central
PSUs