

IMPULSE BRANDING SOLUTIONS

03/204, SUNDAR DARSHAN CHSL, MIRA BHAYANDER, THANE - 401107

Date:- 10.08.2024

Project :
Adani CIP
Lounge T3 Lok

W/O No : PO/23-24/000754

Name of the Work : HVAC Work T3 Lok

FDS MEASUREMENT SHEET OF HVAC

S. No.	Item Code	Specification	Description	W	H	Unit	Nos	Qty.
1		HVAC RA Bill 01						
	1	<p style="text-align: center;">A. EQUIPMENT</p> <p>1 Supplying, installing, testing and commissioning of double skin construction draw thru type AIR HANDLING UNITS (AHU) as per specification, each complete with following</p> <p>a) Supply air centrifugal fan with efficiency >60%</p> <p>b) Pre filter (MERV 8) and Bag Filter (MERV 13) in supply air stream.</p> <p>c) Six row deep cooling coil of copper tube and aluminum construction sized at maximum face velocity of 500 fpm. Cooling coil frame work and coil end plate shall be of SS304 construction.</p> <p>d) VFD designed for HVAC applications for supply air fan</p> <p>e) Squirrel cage induction motors IE-2 (EFF-1) suitable for 415 +</p>					1	
		AHU	Nos				1	
		Total Qty					1.000	
		WO Qty					1.000	
		RA 01Qty					1.000	
	2	<p>Supply, installation, testing and commissioning of electronic, AUTOMATIC PRESSURE INDEPENDENT BALANCING VALVE</p> <p>type dynamic balancing Valve with integrated 2 way modulating Control valves in a single body. The actuator shall be capable of accepting 2-10VCD, 4- 20 mA electric signal and shall provide similar transduced feedback output signal to control system. The valves actuators shall be compatible with Building Automation System. HVAC contractor shall ensure the required power supply to the valve for proper working. The minimum close off Pressure of actuator must be 1.5 times shut off head of pump . The valve shall be suitable for following pipe sizes 50 mm dia pipes for AHU</p>					1.00	
			Nos				1.00	
		Total Qty					1.000	
		WO Qty					1.000	
		RA 01Qty					1.000	

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		Total Qty				2.000	
		WO Qty				2.000	✓
		RA 01Qty				2.000	
9		Providing and fixing in position the following 'Y' Strainers 50 mm dia Valves					
		Strainers 50 mm dia Valves	Nos			2.00	✓
		Total Qty				2.000	
		WO Qty				1.000	
		RA 01Qty				2.000	
10		Supplying, installation, testing and commissioning of Auto air vents.					
		Auto air vents.	Nos			1.00	✓
		Total Qty				1.000	
		WO Qty				1.000	
		RA 01Qty				1.000	
10		roviding and fixing in position the industrial type pressure gauges with gun metal including GI nipple valves					
		pressure gauges	Nos			2.00	✓
		Total Qty				2.000	
		WO Qty				2.000	
		RA 01Qty				2.000	
11		Providing and fixing in position the mercury-in-glass industrial type thermometers within brass encasing					
		thermometers	Nos			2.00	✓
		Total Qty				2.000	
		WO Qty				1.000	
		RA 01Qty				2.000	
12		Supplying, installing and testing of 25 mm thick expanded polystyrene pre moulded pipe section insulation along with aluminium cladding on chilled water piping and fitting like valves, flanges union, etc. as per the approved shop drawings and					
		THERMAL INSULATION 50 mm dia pipes	Rmt			24.50	✓
		Total Qty				24.500	
		WO Qty				10.000	
		RA 01Qty				24.500	
13		Supplying, installing and testing of 25 mm thick expanded polystyrene pre moulded pipe section insulation along with aluminium cladding on chilled water piping and fitting like valves, flanges union, etc. as per the approved shop drawings and					

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THERMAL INSULATION 25 mm dia pipes		Rmt			21.00	
					21.000	
	Total Qty				21.000	
	WO Qty				10.000	
	RA 01 Qty				21.000	
14	Providing and fixing electric water storage heater (geyser) wall hung with glass lined tank and 40-50 mm insulation. The system should be single phase 50 Hz It should be all necessary feature like adjustable thermostat, protective anode rod including making inlet outlet connections.					
	(geyser Capacity 20 litre	Nos			2.00	
					2.000	
	Total Qty				2.000	
	WO Qty				2.000	
	RA 01 Qty				2.000	
15	Providing and fixing electric water storage heater (geyser) wall hung with glass lined tank and 40-50 mm insulation. The system should be single phase 50 Hz It should be all necessary feature like adjustable thermostat, protective anode rod including making inlet outlet connections.					
	(geyser Capacity 50 litre	Nos			1.00	
					1.000	
	Total Qty				1.000	
	WO Qty				1.000	
	RA 01 Qty				1.000	
NT Work						
1	COOLING COIL. (1143x1066x6RD)	Nos			149913	149913
	Transport Charges	Nos			12500	12500
	Installation Charges	Nos			28500	28500
2	COOLING COIL. (1143x1066x4RD)	Nos			115400	115400
	Transport Charges	Nos			12500	12500
	Installation Charges	Nos			28500	28500
	AHU Eng Visit Charges	Nos			23500	23500
						370813
	Total Qty				0.000	
	WO Qty				0.000	
	RA 01 Qty				0.000	370813

need approval from
Layan Sir

S/S

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17/09/24