



Airmatrix Contracting Pvt Ltd

GST TIN NO: 36AASCA1888K1ZY

N TOWERS - HYDERABAD

aproserv Consultants LLP - Hyd

on - Hyderabad

PROJECT:- , HYDERABAD

Date: 30.09.2025

TITLE: BILL OF QUANTITIES FOR HVAC - FITOUT WORKS

Rev. No V0

SL.NO	DESCRIPTION OF WORK	UNIT	TOTAL QTY	UNIT RATE		AMOUNT IN INR	
				SUPPLY	INSTAL.,	SUPPLY	INSTAL.,
1	SITC of Double skin construction, Smart HORIZONTAL FLOOR MOUNTED Mounted Air handling Units with CHW- Coil connected thermal break profiles cabinets - Pl refer the layouts for quick understanding of the room dimentions and the unit sizing to be done accrodgngly						
	cabinet casing modular 25+/- 2mm thick double skin factory assembled / modular Double Skin Floor mounted Air Handling Units (AHU) without thermal break profiles complete with double skin insulated with CFC free polyurethane foam (PUF) panels of 42 Kg/cum density sandwiched between 0.63 mm thick Sheets. Outer skin shall be precoated G.I. sheet. Food grade self adhesive coated epdm gasket to be provided between panels and structure of the AHU to ensure the entire housing is airtight.						
	The AHU shall be supplied with Fan: Backward Curve, DIDW type Centrifugal Fan with Squirrel cage induction motor, GSS frame supporting frame work, spring type vibration isolators, base frame, IE3 Motor shall be suitable for Variable Frequency Drive operation and 415±10% volts, 3 phase AC supply, Frequency range shall be 10% to 100%, the fan outlet velocity shall be limited to 1800 FPM						
	CHW coil will be sized for capacity mentioned below, the CHW coil shall be provided with 6 / 8 Row deep as per OEM selections, Coil shall be havibng MS header adaptors & copper tubing circuits, The fins shall be 12 nos / Inch, fins should be al. made & bluefin coating is required						
	Filters: Each unit shall be provided with a factory assembled filter section containing washable synthetic type air pre filters bag type fine filter media, class MERV-08 & Provisional space for MERV 13 ounted on Aluminum Frame. Filter bank framework shall be fully sealed and constructed from GSS. The efficiency of the filters shall be 99%down to particle size of 10 & 3 microns as per IS 7613, and ASHRAE 52.1 & ASHRAE 62.1 standards/CEN standards 13779-2007.AHU shall be supplied with one set of additional pre filters for pre/commissioning.						
	AHU shall be supplied with one set of pre commissioning filters & Cora cloth to provide while commissioning of the system						
	Unit shall be offered with required outlets with aerofoil dampers & All Duct conn. To the unit shall be provided with double layer fire retardant flex connection with 200mm long & zip for 6 inch length @ outlet						
	AHU should have marine lamp including adequately rated LED bulb inside the AHU Cabinet. AHU inspection door should have View window with perfectly sealed gaskets on either side to ensure air tightness. all AHUs shall be provided with door limit switch and also door safety GI guard. All internals shall be powder coated for corrosion resistance. required cabling for integrating mirie bulb is incl. in unit cost						
	Static pressure: the Indicated static pressure and motor rating is only provisional. Contractor to calculate static pressure based on final approved construction drawing and pressure drop of finalized Equipment & submit for review / approval to the consultants.						
	Noise Level: To ensure noise level < 65 dBA all around the AHU.						
	Unit static Pressure: 25 mm ESP (note: while unit TSP calculations by AHU supplier, the unit filter Pr. drop (MERV8+13) to be considered for clean to dirty condition average pr. drop.)						
	Unit Capacities						
1.1	FLOOR MOUNTED AHU - 13000 CFM / 25 TR - EAST BLOCK-FF	Nos	1	4,43,410	12,000	4,43,410	12,000
1.2	FLOOR MOUNTED AHU - 16000 CFM / 32 TR - WEST BLOCK-FF	Nos	1	5,30,860	12,000	5,30,860	12,000
1.3	FLOOR MOUNTED AHU - 15000 CFM / 29 TR - EAST BLOCK-GF	Nos	1	4,89,700	12,000	4,89,700	12,000
1.4	FLOOR MOUNTED AHU - 11500 CFM / 21 TR - WEST BLOCK-GF	Nos	1	3,86,820	12,000	3,86,820	12,000
1.5	FLOOR MOUNTED AHU - 15000 CFM / 29 TR - TERRACE	Nos	1	4,89,700	12,000	4,89,700	12,000
2	Note: AHU's & CSU dismantling and shifting to cellar included in above prices						
						23,40,490	60,000
						24,00,490	
	PAYMENT TERMS						
	30% ADVANCE ALONG WITH THE ORDER						
	40% AGAINST PI AFTER MATERIAL READINESS						
	20% AFTER INSTALLATION						
	10% AFTER COMMISSIONING						
	For Airmatrix Contracting Pvt Ltd						
	Authorised Signatory						
							
							