

FOODCOURT AT AHMEDABAD AIRPORT

SCHEDULE OF PRICES - HVAC WORKS

The prices are to be quoted in the below mentioned form and shall include the supply, installation, Testing and Commissioning of all of the equipments, auxiliary materials except where specified otherwise and of such items whatsoever which may be required to fulfil the intent and purpose as laid down in the drawings and specifications shall include of items and duties on a basis works contract.

S. No.	Description	Unit	Qty.	
Part B Low Voltage Works				
4.0 DUCTING				
4.1 G.I. Sheet Metal Ducting - Ribs Fabricated				
Installation, Testing and Commissioning of site fabricated G.I. sheet metal rectangular ducting complete with neoprene rubber gaskets, elbows, spigot, dampers, valves, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required.				
4.2.1	0.83 MM (24 Gauge)	Sqm	10	✓
4.2.2	0.80 MM (23 Gauge)	Sqm	5	✓
4.2.3	1.02 MM (20 Gauge)	Sqm	5	✓
5.0 INSULATION				
5.1 Nitrite Rubber Insulation- Class 'O'				
Supplying and fixing of closed cell elastomeric insulation of density 60 kg/cu m and K value not less than 0.027/m²K at 20 deg C as per specifications and drawings (For indoor applications) with factory laminated 7 mil woven glass cloth.				
5.1.1	18 mm thick (AC ducts / Fresh Air Duct)	Sqm	20	✓
6.0 DUCT ACCESSORIES				
Supply, Installation, Testing and Commissioning of GI multiblade volume control duct damper complete with neoprene rubber gaskets, nuts, bolts, screws, linkages, flanges etc., as per specifications.				
6.1		Sqm	3	✓
Supply, Installation, Testing and Commissioning of multiblade Al volume control Collar / Grille / Exhaust Air Opening damper complete with suitable links, lever and quadrants for manual control of airflow and with suitable links, lever and quadrants for manual control of airflow and neoprene rubber gaskets, nuts, bolts, screws, flanges etc., as per specifications.				
6.2		Sqm	3	✓
Supply, Installation, Testing and Commissioning & fixing of powder coated extruded aluminum Supply / Exhaust Air Grills as per specifications.				
6.3		Sqm	2	✓
Supply, Installation, Testing and Commissioning & fixing of powder coated extruded Aluminum Continuous Grills as per specifications.				
6.6		RM	15	✓
6.6.2	150 MM Aluminum Continuous Grills	RM	30	15 ✓
6.6.3	100 MM Aluminum Continuous Grills	RM	30	15 ✓
Part C Electrical Works				
1.0 Electrical Control Panel				
Supply, installation, testing and commissioning of panel boards made of 2.0 mm thick steel sheet duly powder coated with voltmeter, ammeter, electronic energy meter, indicating lights, Stop/manual (Auto selector switch in each, outgoing current operated single phase preventer. The panel shall include contactors, lower load relay with built in single phase protection / Time delay relay for delayed automatic start of the motor. All panels should have spare NO/NC Contacts for BMS applications as required.				
1.1	Panel-PAD1 (1 x 2.25 KW)			
OUTGOING				
1 No. 16 Amps TP MCB for AFD's				
1 No. DOL starter for 2.25 KW motor				
1 No. of single phase preventer (current based-MPRD2)				
1 No. direct reading Digital Type Ammeter				
Each star-delta/DOL starter consists of current operated MN type over load relay, contactor, push button, ON/OFF indication light.				
1.1		Lot	1	✓
2.0 Cables				
Supplying, laying, testing and commissioning of XLPE insulated aluminum conductor armored cables of 1.1 KV grade of following sizes directly on wall/structural frame/ cable trays or racks using approved type of clamps and terminations with Double Compression type glands on both ends, double earthing with GI strip/wire of suitable size and hardware as per specifications.				
1	3C x 4 Sq mm	Mtrs	25	25 ✓
2.1	Cabling(Copper)			
1	2C x 1.5 sqmm	Mtrs	10	✓
3.0 Earthing				
Supplying and laying of the following earthing clamped to wall with suitable clamps saddles and fixing bolts/ in ground including the cost of digging and back filling as required and complete as required to comply with IS 3043 1987. All copper joints shall be treated. The rates shall be inclusive of making test points where ever required.				
3.1	25 mm x 3 mm GI strip	RM	10	✓
3.2	8 BVG GI Wire	RM	10	✓

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