

Nitin Shrimali & Associates

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Name Of Client :- UJJAIN DEVELOPMENT AUTHORITY, UJJAIN

Name Of Project :-COMMERCIAL CUM RESIDENTIAL COMPLEX, SHIPRA VIHAR , UJJAIN

Name Of Work :- VENTILATION BOQ FOR BASEMENT

BOQ

S.NO.	ITEM NO.	DISCRIPTION	QTY	UNIT	Fan Details	RATE	AMOUNT
1		Ducting					
	46.36	Ducting:- Supply and fixing of site fabricated GI sheet metal ducts in accordance with the approved shop drawings and as required as per specifications. GI sheet will be as per IS-277. All necessary GI /MS supports using thread rods (as directed). Angle, flat, and anchor bolts, food grade neoprene gaskets, food grade adhesive included in the scope.					
	46.36.1	24 GAUGE	200	sq.m.		1291	258200
	46.36.2	22 GAUGE	230	sq.m.		1473	338790
	46.36.3	20 GAUGE	180	sq.m.		1603	288540
2		GRILLS / DIFFUSER					
	46.39.1	Supplying & fixing of powder coated extruded aluminum air grills without volume control damper complete as required.					
		Al. air grills	4.4	sq.m.		9565	42086
		NON SOR ITEM					
1	NON SOR	Tube/Vane Axial Fans					
1.1		Exhaust Fans					
		SITC of long cased, spun flanged, Tube/Vane Axial fans with die cast aluminum impeller with IE2 or IE3 motors. Axial fan should be licensed to bear AMCA seal for air performance and sound performance or must be demonstrated in AMCA accredited laboratory as per AMCA 210 and 300. The speed of the fans shall not exceed 1500 RPM for fans with impeller diameter above 450 mm, and 3000 RPM for fans with impeller diameter 450 mm and less. Motor speed shall not exceed 1500 rpm unless otherwise specified or needed for enhancing fan performance for lower air handling capacity fans					
		Smoke and Heat Control fans must be certified for 300 deg , 2hrs as per EN 12101-03: 2015					
		The complete Fan assembly must have certificate of consistency of performance by BSI and must bear CE marking on its nameplate for all smoke spill fans. Motor make shall be the same as mentioned in the CE certificate for the Axial Fans. Fans shall be Greenpro certified and shall carry Greenpro Ecolabel seal.					
		Air Quantity					
a		21500 CFM @ 25 mm SP (Normal Mode & Fire Mode)	2	Nos	Vane Axial Fan : Dia - 900 , Flow-21500 CFM, 25 mm SP, Efficiency-70 % , Motor : 7.5 KW /4 Pole / IE3/ /81 dbA @ 3 m/ 16 m/s, 300 Deg C for 2 hrs	200000	400000
b		24000 CFM @ 25mm SP (Normal Mode & Fire Mode)	2	Nos	Vane Axial Fan : Dia - 1000 , Flow-24000 CFM, 25 mm SP, Efficiency-73 % , Motor : 7.5 KW /4 Pole / IE3/ /85 dbA @ 3 m/ Velocity-14.5 m/s , 300 Deg C for 2 hrs	190000	380000

[illegible]