

SI No	Code	Equipment	Specifications	Quantity							L x B x H (dimensions in mm)	Reference Image	Remark	Unit Rate (Rs.)	Amount (Rs.)	
				G.D.birl a- Vishwes varaiah Hall	Vikram Sarabha Hall	D.Ambani- M.S.Swa minathan Residence	C.V.Ram an Residence	Satis Dhawan Hall	Homi Bhaba Hall	KMS Hall						Total
11		Ducting for Exhaust & Fresh Air	Duct design to suit optimum velocity for minimum pressure loss and low sound level <input type="checkbox"/> Ducting shall be fabricated in GI sheet of 22 SWG; material used will be of LFQ Jindal TATA . <input type="checkbox"/> For ducts of greater than 30"x30" the flanges shall be of 35 X35 X 3 mm thk MS angle. <input type="checkbox"/> 8 mm GI rods and painted MS angles of 35x35x3mm thick at an interval of two meters shall be used to suspend the ducting. <input type="checkbox"/> Duct joint to be bolted together with gasket for air tight seals. MS Flanges for blower inlet and outlet connection. Supply of air Grills, with VCD with fresh air filters of 20 microns.	300	300	300	300	300	300	300	2100	Qty (Sqm) mentioned is indicative - (Payment will be as per actual)	quote per sq mtr			
BLOWERS																
		General Specs for Exhaust Blowers	Centrifugal backward inclined SISW blower with suitable high static pressure to create the required intake velocities and over come the pressure loss at the inlet of filters and ducts. Type: SISW Centrifugal blower. (Motor outside the effluent air stream.) Impeller: Backward inclined, non over loading type. (smaller motor) Drive: Mounted directly on motor shaft. (slip losses and lesser maintenance) Dynamically balanced to provide a vibration free operation. Construction: Casing: in 3 mm thick MS sheet with suitable angle reinforcement. Impeller: in 5 mm thick MS sheet Finish: With two coats of red oxide primer and top coat exterior durable paint. Fan Speed: Not exceeding 1000 RPM. Control Panel: Wall mounted incorporated with suitable starter of make siemens/L&T with single phase prevention.													
12		Blowers - Exhaust Blower 01 (covering bulk range area)	Centrifugal blower (for exhaust) . / 60mm total static , Motor rating to be finalised based on total cfm requirement.	1	2	1	1	2	1	1	9	13100 cfm / 10 HP / 960 rpm motor				
13		Blowers - Exhaust Blower 02 (covering tandoor / chappati / dosa area / chappati machine).	Centrifugal blower (for exhaust) . / 60mm total static , Motor rating to be finalised based on total cfm requirement.	1	1	1	1	1	1	1	7	7100 cfm / 5 HP / 960 rpm motor				
14		Blowers - Exhaust Blower 03 (covering dish wash / chappati machine area / idli area).	Centrifugal blower (for exhaust) . / 60mm total static , Motor rating to be finalised based on total cfm requirement.	2		2					4	2000 cfm / 1 HP / 1440 rpm motor				
15		Blowers - Exhaust Blower 03 (covering idly / tawa area / dish wash machine)	Centrifugal blower (for exhaust) . / 60mm total static , Motor rating to be finalised based on total cfm requirement.		1			1	1	1	4	2000 cfm / 1 HP / 1440 rpm motor				
16		Blowers - Exhaust Blower 04 (covering pantry burner area)	Centrifugal blower (for exhaust) . / 60mm total static , Motor rating to be finalised based on total cfm requirement.		1			1	1	1	4	2000 cfm / 1 HP / 1440 rpm motor				

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17		Blowers - Exhaust Blower 01 (covering bulk range area / tandoor / chappati / dishwash / idli).	Centrifugal blower (for exhaust) . / 60mm total static , Motor rating to be finalised based on total cfm requirement.				2					2	9400 cfm / 7.5 HP / 960 rpm motor				
FRESH AIR																	
18		Fresh Air 01 (covering tandoor / chappati / dosa /bulk range area / dishwash).	Double skin Modular Housing with Wet Pad Section (area of the pad sized at 350 FPM) ,circulating pump, water resorvior, water level controller, drain and centrifugal blower.	2	1	2		1	1	1	8	7500 cfm / 5 HP /960 rpm motor					
19		Fresh Air 02 (covering pantry / chappati machine / chappati plate area)	Double skin Modular Housing with Wet Pad Section (area of the pad sized at 350 FPM) ,circulating pump, water resorvior, water level controller, drain and centrifugal blower.		1			1	1	1	4	3500 cfm / 2 HP / 1440 rpm motor					
20		Fresh Air 01 (covering bulk range area / tandoor/ chappati / dishwash / idli).	Double skin Modular Housing with Wet Pad Section (area of the pad sized at 350 FPM) ,circulating pump, water resorvior, water level controller, drain and centrifugal blower.				2				2	5000 cfm / 3 HP /1440 rpm motor					
																	TOTAL =

NOTE:-The size & quantities shown are indicative.While detailed engineering ,over all dimensions will be firmed up to suit the site conditions .Drawings will be prepared accordingly and submitted for approval.Payment will be done on actual basis.