| BOQ | | | | | | | | | | | | | | | | |
|-----------|-------------------|--|---|--|---------------------------|---|----------------------------|-------------------------|-----------------------|-------------|---------|------------------------------------|-----------------|------------------------------|-----------------------|-----------------|
| | | | Exhaust Hood, Blowers & D | Oucting | g For K | Citchen | | | o be re | ad wit | h the I | Drawing,i | f available) | | | |
| | | | | | | 1 | Quan | tity | 1 | | 1 | ļ | | | | |
| SI No | Code | Equipment | Specifications | 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 | L x B x H (dimensions in mm) | Reference Image | Remark | Unit Rate (Rs.) | Amount (Rs.) |
| | | EXHAUST HOODS | | | | | | | | | | | | | | |
| | | EXHAUST HOOD OVER COOKING RANGES | It shall be constructed of 20 swg SS and shall be box type in front, rear & sides raised up and turned at 90 degree. It shall have a 75 mm wide gutter running along the perimeter for oil collection with removable oil plug. From approx. 150 mm above the grease gutter at the rear, there shall be a framework at 45° made of 20 swg SS. The framework shall be provided with 500 x 500 x 50 mm thick removable grease filters. The filters shall have an outer frame constructed of 20 swg SS. To the frame, 25 x30x 25 mm "C" type 22 swg SS channels shall be provided along the length of the hood with gaps between the filters closed. The filters should be easily removable & washable. The filters and framework shall be provided with weep holes for draining of oil. Approx. 300 mm above the grease gutter in front, there shall be provided a 20 swg SS frame, welded to the top and inside of the front side. To this frame, bulkhead lights shall be fitted, which shall be factory wired and terminated to a junction box. | | | | | | | | | | | | | |
| | | | The sheet used in the fabrication of the unit shall be free from warps, dents and other imperfections and all edges shall be smooth. The construction should be welded and not rivetted. Wall Mounted - The unit shall be wall mounted OR ceiling mounted - at 1950 mm FFL in the front and 1500 mm FFL at the rear. | | | | | | | | | | | | | |
| 1 | H 01 | EXHAUST HOOD OVER DOSA PLATES | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | | | Fabricated | | |
| 2 | Н 02 | EXHAUST HOOD OVER CHAPPATI PLATES | | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 9 | 3300 x 900 x 600 | Custom Fab | ustom Fab | | |
| 3 | H 03 | HOOD OVER | | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 12 | 4 | | | | |
| | | TANDOOR EXHAUST | | 4 | 5 | 4 | 3 | 5 | 4 | 3 | 28 | | | . 63 | | |
| 4 | H /03 /04 / 05 | HOOD OVER BULK BURNERS | | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 9 | 8100 x 900 x 600 | | Custom Fabricate d | | |
| 5 | H 06 / H 07 | EXHAUST HOOD OVER IDLI STEAMER | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 14 | 900 x 750 x 600 | | Custom Fabricate d | | |
| | | | | | | | | | | | | | | | | |
| 6 | Н 08 | EXHAUST HOOD & VENT OVER DISH WASH MACHINE | | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 9 | 900X900X600 | | Custom Fabricated | | |
| 7 | Н 09 | HOOD OVER CHAPPATI MACHINES | | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 9 | 1500 x 1500 x 600 | | Custo m Fab | | |
| 8 | H 01 | EXHAUST HOOD OVER DOSA PLATES | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 4200 x 900 x 600 | | Custom Fabricated | | |
| 9 | H 02 | HOOD OVER | | 1 2 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 4 | | C | | |
| 10 | H 05 | CHAPPATI EXHAUST HOOD OVER TANDOOR | | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 1800X900X600 | | Custo m Fabrica ted | | |
| DUCTING E | | | | | | | | | | | | İ | | | | |

| | | | | | | | Quan | tity | | | | | | | | |
|-----------|------|--|---|--|---------------------------|---|----------------------------|-------------------------|-----------------------|-------------|-------|--|------------------|--------|-----------------------|-----------------|
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| 11 RLO | WERS | Ducting for Exhaust & Fresh Air | Duct design to suit optimum velocity for minimum pressure loss and low sound level Ducting shall be fabricated in GI sheet of 22 SWG; material used will be of LFQ Jindal TATA. For ducts of greater than 30"x30" the flanges shall be of 35 X35 X 3 mm thk MS angle. 8 mm GI rods and painted MS angles of 35x35x3mm thick at an interval of two meters shall be used to suspend the ducting. 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 | Qtty (Sqm) mentioned is indicative - (Payment will be as per actual) | quote per sq mtr | | | |
| BLO | WERG | 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 | | | | |

| | | | | | | | Quan | tity | | | | | | | | |
|-------|-------|--------------|---|--|---------------------------|---|----------------------------|-------------------------|-----------------------|-------------|-------|---|-----------------|--------|-----------------------|-----------------|
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| 17 | | | 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 | | | | |
| FRES | H AIR | | | | | | | | | | | | | | | |
| 18 | | | 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 | | / chappati | 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 | | range 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. | | | | 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.