

SPECIFICATION DOCUMENT

Name of Work :- DESIGN, SUPPLY, INSTALLATION, TESTING & COMMISSIONING (SITC) OF KITCHEN EXHAUST, FRESH AIR SYSTEM FOR CANTEEN AT 3RD FLOOR, BARODA CORPORATE CENTRE, C-26, G-BLOCK, BANDRA KURAL COMPLEX, BANDRA (E), MUMBAI, MAHARASHTRA 400051

Sl.N o.	Description	QTY	Unit
1	Kitchen Hood:		
	Design, Supply, Installation, Testing & Commissioning of S.S.304 Construction canopy type Kitchen hoods, with necessary S.S.Oil filters, with resting frame, Drain for oil, with cap & collars with flanges for duct connection.		
1.1	Unit Size-750 W X 2000 L X 580 H mm	3	no.s
1.2	Unit Size-750 W X 1200 L X 580 H mm	2	no.s
1.3	Filters for existing kitchen hood	5	no.s
1.4	Removing & reinstallation of old hood with cleaning, necessary modification in hood to install new filters	1	Lump Sump
2	Exhaust Unit:		
a	Design, Supply, Installation, Testing & Commissioning of Exhaust air Unit for kitchen hoods with necessary double skin enclosure, SISW direct driven Fan in CRCA painted construction with Powdercoated impeller, Foot mounted, TEFC motor with necessary antivibratory mounts, collars for duct connections and access doors for maintenance. The unit will be mounted on Terrace above kitchen. Motor Capacity 10 H.P. Unit Capacity-8000 CFM 110 mm SP	1	no.s
b	Design, Supply, Installation, Testing & Commissioning of Air scrubber unit in double skin construction for above exhaust air with necessary water spray arrangement with 0.5 HP 1 Phase pump, spray nozzles, PVC Piping, S.S. Storage tank with necessary drain, overflow and makeup water connections with inlet & outlet collars for duct Connection	1	no.s
3	Supply Air Unit:		
a	Design, Supply, Installation, Testing & Commissioning of Ceiling mounted fresh air Unit for kitchen area with necessary double skin enclosure, SISW direct driven Fan fixed with necessary antivibratory mounts, collars for duct connections and access doors for maintenance from bottom. Motor Capacity 3 H.P. Unit Capacity-2000 CFM 65 mm SP	2	no.s
4	GI Ducting:		
a	Design, Supply, Installation, Testing & Commissioning of 22 G GI Ducting for Exhaust and supply air with necessary flanges, GI Nutbolts, gaskets and supports from slab.	120	sq.mtrs.
b	Design, Supply, Installation, Testing & Commissioning for Re use of existing ducting partially i.e. approx. 55 sq.mtrs after removing, cleaning, painting and necessary repairs if any	55	sq.mtrs.
c	Design, Supply, Installation, Testing & Commissioning of Al.extd.four side flanges grills with dampers. Size 300x300 mm	10	no.s
D)	Design, Supply, Installation, Testing & Commissioning of New canvas connections	2	no.s
5	Electrical Panel:		

a	Design, Supply, Installation, Testing & Commissioning of Electrical panel for above exhaust air unit and supply air units with manually operated VFD.	1	no.s
b	Design, Supply, Installation, Testing & Commissioning of Electrical cabling for above exhaust units and supply air units to electrical control panel.	1	no.s
6	Labour Charges:		
a	Labour Charges for removing existing exhaust air Blower with its interconnecting ducting, Canopy at terrace and refixing canopy after ducting work.	1	no.s
7	Suitable Bird Screen	2	no.s
8	Providing Five year of comprehensive annual maintenance contract (AMC) AFTER defect liability period of 1 year including replacement of defective parts, repairs costs, attending to unlimited breakdown calls and preventive AMC services monthly, including cleaning of filters monthly etc for PROPOSED KITCHEN EXHAUST, FRESH AIR SYSTEM FOR CANTEEN AT 3RD FLOOR, BARODA CORPORATE CENTRE, C-26, G-BLOCK, BANDRA KURAL COMPLEX, BANDRA (E), MUMBAI, MAHARASHTRA 400051. During DLP of 1 year also services same as CAMC shall be provided. Bidder getting contract has submit a seperate performace guarranty in the form of BG for total value of 5 years CAMC. Incase of any default during DLP and CAMC period the same be forefieted.		
A)	AMC charges for the 1st year after DLP	1.00	Set
B)	AMC charges for the 2nd year after DLP	1.00	Set
C)	AMC charges for the 3rd year after DLP	1.00	Set
D)	AMC charges for the 4th year after DLP	1.00	Set
E)	AMC charges for the 5th year after DLP	1.00	Set
	Price shall be qouted inclusive of packing, transporttion, insurances chrges, Labour charges, GST etc. No claims will be entertained for the same. Price quoted shall also be inclusive of Imparting practical Training to users and technicians about SOP for day to day operation, minor Maintainance, cleaning of filters etc for Proposed system.		