

Name of Work : “Supplying, installation and commissioning of 6 feet Fume Hoods, Sink Counter for Lab No. M-249 (Dr. Harapriya Rath) and for Lab No. M-211 (Dr. Somobrata Acharya) at Indian Association for the Cultivation of Science, 2A & B, Raja S.C. Mullick Road, Jadavpur, Kolkata-700 032”.

Sl. No	DESCRIPTION OF ITEMS	Unit	Qty.	Rate (Rs.)	Amount
1	FUME HOODS Auto Bypass Fume Hood of Auto Bypass / Constant Bypass Type, Aero dynamic, floor mounted Fume Hoods exterior made of Powder coated durable,(70 to 80 microns) 1.5mm & 1.2mm thick heavy duty CRCA (as per IS: 513) sheets with rigid structure, interior made of Chemical & Heat resistant, Fire Retardant, smooth finish, Easily Cleanable Panels made of durable special material integral work walls (6mm thick).ASTM flame spread Including 17mm to 19mm thk. black granite work top, 2 nos. oval shaped 100mm x 200mm ‘PP’ detachable sinks, vertical rising Sash with 5mm thk.toughened float glass, 8 Nos. colour coated service valveswith suitable pipes for water and gas connections, 2 nos. 1200mm lengths respectively) fluorescent lights (40 watts for 1800mm & 20 watts for 4 nos. 6/16 A electrical sockets, Interstitial 3 point suction system (for light, normal & heave fumes) with baffle ceiling enclosure front and sidesarrangement, flow control valve, and panels. Fume Hood Size - 1800mm x 1000mm x 2400mm	Each	3		
2	Apparatus Storage Base Cabinet , with one adjustable shelves. Size - 900mm X 700mm X 700mm high	Each	3		
3	Chemical Resistant Storage Base Cabinet , exhaust ports connected to fume hood exhaust system internally Size - 900mm X 700mm X 700mm high.	Each	3		
4	Apparatus holding Square Grid of Epoxy with FRP (along the entire length of fume hood) of grid 200mm X 200mm and will be built in a fume hood back side.	Each	3		
5	Centrifugal Blower with 2 HP/3HP, 1400 rpm Motor, Centrifugal Fan with Housing in PP Construction & suitable stand in MS Zinc Plating with Powder Coating. Onlet/Outlet Diameter : 350 mm PP Moulded Impeller Diameter : 400 mm Non FLP Motor : 2 HP 1400 RPM Maximum CFM: 2550 @ 5 wcm Static Pressure Manimum CFM: 1175 @ 50 wcm Static Pressure	Each	3		

DB Level: 75,

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6	Supplying, fitting and fixing of Airflow Monitor AFA 1000 (Digital)- "TEL" UK make	Each	3		
7	Auto Extinguishing facility 02 Kg self actuating extinguisher, ceiling mounted type. Intime Fire Safety make ABC Auto discharge Modular ABC powder.	Each	3		
8	PP + FRP Ducting Chemical resistant PP+FRP (3mm + 2mm) rigid & flexible ductwork from Fume Hood to exhaust stack point with weatherproof canopy. Total ducting with horizontal, vertical members, flanges, bends, bracketed supports and gooseneck exhaust stack. Duct diameter : 450/300/250 mm	Sq.M	20.00		
9	HDPE drain pipe line 63mm Diameter. Providing and laying of 63mm diameter HDPE drain pipe line including all accessories like bend, tee's, etc. and necessary cutting of brick walls and RCC structure whenever required, fixing of pipe to wall with clamps making good all damages, all complete as per the direction of EIC.	R.M	20.00		
10	Providing, fitting and fixing S.S. Pipe (6mm dia.) for Gas line including all S.S fitting and fixture like Tee, Bend, 6mm OD PU Tube, clamps and Adaptors etc.	R.M	30.00		
11	Sink Counter of Size : 900 mm x 900 mm x 900 mm Providing, fitting and fixing of Sink Counter for (op size 900 mm X 600 mm) and 900 mm height made from special profile extruded Aluminium construction having anodized finish followed by epoxy powder coating with top black granite under counter cabinet. The cost includes P.P. rectangular Sink of size 600mm x 500mm x 200mm, three way Goose Neck P.P water taps and other allied fittings and fixture all complete.	Each	1		
12	Supplying, fitting and fixing Acrylic Peg Board with 23 Pegs, Size: 600mm x 600mm x 5mm	Each	1		
	(Including 18% GST)			TOTAL	

