

**SOPHISTICATED ANALYTICAL INSTRUMENTATION FACILITY
PANJAB UNIVERSITY, CHANDIGARH – 160014**

No.....
Dated.....

Sir,

Please quote your lowest rate in DUPLICATE for the following items along with the detailed information. Your Quotation should reach the undersigned by Registered/ Speed post on or before 09/08/2017**

Item: - Quotation for Laboratory Fume Hoods (specifications attached)

The quotation should be typed or written clearly avoiding over-writing.

1. The rates quoted should be F.O.R. Chandigarh.
2. The rates of insurance, excise duty, sales tax should be mentioned clearly.
Original receipts for insurance charges are required along with the bill of payment.
3. SPECIAL DISCOUNT for educational institutions/Universities teaching department may be mentioned.
4. The quotation giving our reference number and due date of quotation should be sent in a sealed cover by Registered/ Speed post in two **technical and financial bids separately along with 2% EMD of the total cost**, otherwise, it will not be possible for us to consider your quotation.
5. No advance payment will be made. Bill/s will be passed for payment by the university office after verification of the material and work done.

Yours sincerely,

Director

Tel.:0172-2534046, 2534047, 2541065 Fax: 0172-2541409 E.Mail:rsic@pu.ac.in ebsite:http://rsic.puchd.ac.in

****Date extended for 15 days**

Quotation for Fume Hood

Sr#	CODE NO	DESCRIPTION	UNIT	QTY-Q
A		LCMS LABS		
		FUME HOOD		
	FH1200GFRP	Fume Hood (with base) Extra Heavy Structure made of 14 Gauge frame & 18 Gauge CRCA body Over all Size L=1200mm, D=1050mm, H=2350mm consisting of following:		1
		Fume Hood Upper Unit Epoxy Polyester Powder Coated (over all size L=1200mm, D=1050mm, H=1450mm with other facilities consisting of:-	no	1
		Fume Hood (Upper Unit) internal lining suitable for Acidic Fumes of Internal size:- L=900mm, D=800mm, H=1250mm	no	1
		Baffle at the back with 3 point suction system (for light, normal & heavy gases/ Fumes) for smooth exhaust of fumes.	no	1
		Sash - vertical sliding 5 - 6mm thick toughened glass	no	1
		6'16 amps single phase 'North west' socket with 16 amps MCB	no	2
		20 AMPS Cuttler Hammer Sockets - Single Phase with MCB Seitch.	no	1
		Respective internal wiring terminated at fume hood top at rear end for further connection by customer.	no	1
		NO-NC switch for customer's blower starter	no	1
		Light fixtures - 20 W CFL Light with switch	no	1
		Jet black Granite: 18/19mm dished work surface with 12mm thick ply backing having provision to fix Drip cup.	no	1
		UTILITY SERVICES - Remote valves on front fascia and spout on the inside wall. (All utility line shall be terminated at rear side on top /bottom of fume hood for further connection by customer)		
		Wet and Dry Service Utilities (as per DIN 12920 norms)		
		Panel mounting valves for Water	no	1
		Panel mounting valves for Gas	no	1
		Panel mounting valves for other utilities	no	1
		PP Drip cup 150 mm dia	no	1
		Butter fly valve for initial exhaust manual setting	no	1
	FHBASE1200	Fume Hood Base L=1200mm, H=900mm	no	1
		CENTRIFUGAL BLOWER		
	BL-DD-1 H3P	Centrifugal blower (Direct Drive) of suitable capacity with 1.5 HP/3phase 'Crompton' make motor	no	1
		DUCTING PP/FRP 200mm dia		
	PP/FRPD200	HDPE 200mm dia Ducting (with Pipe, Bend, Flange, Hardware) per meter.	mtr	15
B		NMR LAB.400		
		FUME HOOD		
	FH1200GFRP	Fume Hood (with base) Extra Heavy Structure made of 14 Gauge frame & 18 Gauge CRCA body Over all Size L=1200mm, D=1050mm, H=2350mm consisting of following:		1

		Fume Hood Upper Unit Epoxy Polyester Powder Coated (over all size L=1200mm, D=1050mm, H=1450mm with other facilities consisting of:-	no	1
		Fume Hood (Upper Unit) internal lining suitable for Acidic Fumes of Internal size:- L=900mm, D=800mm, H=1250mm	no	1
		Baffle at the back with 3 point suction system (for light, normal & heavy gases/ Fumes) for smooth exhaust of fumes.	no	1
		Sash - vertical sliding 5 - 6mm thick toughened glass	no	1
		6/16 amps single phase 'North west' socket with 16 amps MCB	no	2
		20 AMPS Cuttler Hammer Sockets - Single Phase with MCB Seitch.	no	1
		Respective internal wiring terminated at fume hood top at rear end for further connection by customer.	no	1
		NO-NC switch for customer's blower starter	no	1
		Light fixtures - 20 W CFL Light with switch	no	1
		Jet black Granite: 18/19mm dished work surface with 12mm thick ply backing having provision to fix Drip cup.	no	1
		UTILITY SERVICES - Remote valves on front fascia and spout on the inside wall. (All utility line shall be terminated at rear side on top /bottom of fume hood for further connection by customer)		
		Wet and Dry Service Utilities (as per DIN 12920 norms)		
		Panel mounting valves for Water	no	1
		Panel mounting valves for Gas	no	1
		Panel mounting valves for other utilities	no	1
		PP Drip cup 150 mm dia	no	1
		Butter fly valve for initial exhaust manual setting	no	1
		CENTRIFUGAL BLOWER		
	BL-DD-1 H3P	Centrifugal blower (Direct Drive) of suitable capacity with 1.5 HP/3phase 'Crompton' make motor	no	1
		DUCTING PP/FRP 200mm dia		
	PP/FRPD200	HDPE 200mm dia Ducting (with Pipe, Bend, Flange, Hardware) per meter.	mtr	15
C		EM PREPARATORY LAB		
		FUME HOOD		
		Laboratory Furniture Components		
	FH1500GFRP	Fume Hood (with base) Extra Heavy Structure made of 14 Gauge frame & 18 Gauge CRCA body Over all Size L=1500mm, D=1050mm, H=2350 mm consisting of following:	No	1
		Fume Hood Upper Unit Epoxy Polyester Powder Coated (over all size L=1500mm, D=1050mm, H=1450mm with other facilities consisting of:-	no	1
		Fume Hood (Upper Unit) internal lining suitable for Acidic Fumes of Internal size:- L=1280mm, D=880mm, H=1300mm	no	1
		Baffle at the back with 3 point suction system (for light, normal & heavy gases/ Fumes) for smooth exhaust of fumes.	no	1
		Sash - vertical sliding 5 - 6mm thick toughened glass	no	1

		Combination sash - vertical & Horizontal sliding 5 - 6mm thick toughened glass	no	1
		6/16 amps single phase 'North west' socket with 16 amps MCB	no	1
		20 AMPS Cuttler Hammer Sockets - Single Phase with MCB Seitch.	no	1
		Respective internal wiring terminated at fume hood top at rear end for further connection by customer.	no	1
		NO-NC switch for customer's blower starter	no	1
		Light fixtures - 20 W CFL Light with switch	no	1
		Jet black Granite: 18/19mm dished work surface with 12mm thick ply backing having provision to fix Drip cup.	no	1
		UTILITY SERVICES - Remote valves on front fascia and spout on the inside wall. (All utility line shall be terminated at rear side on top /bottom of fume hood for further connection by customer)		1
		Wet and Dry Service Utilities (as per DIN 12920 norms)		1
		Panel mounting valves for Water	no	1
		Panel mounting valves for Gas	no	1
		Panel mounting valves for other utilities	no	1
		PP Drip cup 150 mm dia	no	1
		Butter fly valve for initial exhaust manual setting	no	1
	FHBASE1500	Fume Hood Base L=1500mm, H=900mm	no	1
		CENTRIFUGAL BLOWER		
	BL-DD-1.5H3P	Centrifugal blower (Direct Drive) of suitable capacity with 1.5HP/3phase 'Crompton' make motor	no	1
		DUCTING PP/FRP 200mm dia		
	PP/FRPD200	HDPE 200mm dia Ducting (with Pipe, Bend, Flange, Hardware) per meter.	mtr	20
D		NMR LAB.500		
		FUME HOOD		
	FH1200GFRP	Fume Hood (with base) Extra Heavy Structure made of 14 Gauge frame & 18 Gauge CRCA body Over all Size L=1200mm, D=1050mm, H=2350mm consisting of following:		1
		Fume Hood Upper Unit Epoxy Polyester Powder Coated (over all size L=1200mm, D=1050mm, H=1450mm with other facilities consisting of:-	no	1
		Fume Hood (Upper Unit) internal lining suitable for Acidic Fumes of Internal size:- L=900mm, D=800mm, H=1250mm	no	1
		Baffle at the back with 3 point suction system (for light, normal & heavy gases/ Fumes) for smooth exhaust of fumes.	no	1
		Sash - vertical sliding 5 - 6mm thick toughened glass	no	1
		6/16 amps single phase 'North west' socket with 16 amps MCB	no	2
		20 AMPS Cuttler Hammer Sockets - Single Phase with MCB Seitch.	no	1
		Respective internal wiring terminated at fume hood top at rear end for further connection by customer.	no	1
		NO-NC switch for customer's blower starter	no	1
		Light fixtures - 20 W CFL Light with switch	no	1
		Jet black Granite: 18/19mm dished work surface with 12mm thick ply backing having provision to fix Drip cup.	no	1

		UTILITY SERVICES - Remote valves on front fascia and spout on the inside wall. (All utility line shall be terminated at rear side on top /bottom of fume hood for further connection by customer)		
		Wet and Dry Service Utilities (as per DIN 12920 norms)		
		Panel mounting valves for Water	no	1
		Panel mounting valves for Gas	no	1
		Panel mounting valves for other utilities	no	1
		PP Drip cup 150 mm dia	no	1
		Butter fly valve for initial exhaust manual setting	no	1
	FHBASE1200	Fume Hood Base L=1200mm, H=900mm	no	1
		CENTRIFUGAL BLOWER		
	BL-DD-1 H3P	Centrifugal blower (Direct Drive) of suitable capacity with 1.5 HP/3phase 'Crompton' make motor	no	1
		DUCTING PP/FRP 200mm dia		
	PP/FRPD200	HDPE 200mm dia Ducting (with Pipe, Bend, Flange, Hardware) per meter.	mtr	15
D(1)		GENERAL LAB		
		Laboratory Furniture Components		
		Wall Bench - 1 as per the drawing having L=6150mm, W=750mm, H=900mm each consisting of following		
	6002S1D	Storage Module L=600mm with 2-Shutters, 1 Drawer, with Pedestal	no	2
	7502S1D	Storage Module L=750mm with 2-Shutters, 1 Drawer, with Pedestal	no	5
	SU7502S	Sink Module - A Series- L=750 mm, 2 Shutters, with pedestal	no	1
	CB	Cross brace (Foot Support)	no	1
	CPA	End cover panel - for module	no	4
	SINKPP-R	Black colour PP Sink bowl size 560 x 355 x 245 mm	no	1
	3WWATERV ALVE	Water Tap in brass - 3 way with 2 fixed bib taps & 1 tap with swivel spout 1/2" BSP male inlet (bench mounting).	no	1
	EL5/15-1	Electrical Single Phase 230 Amp, 2 Nos. -5 /15 Amps Norysis Make Socket and 15 Amp Switch Fitting without wiring	no.	6
	RSD1000150	Reagent shelf - 1000 x 150 x 600 H	no	5.4
	BTG6150750	Bench Top - 16/18 mm Jet Black Granite L=6150mm, W=750mm	no	1