

LIMITED TENDER INVITING QUOTATIONS

Sealed quotations are invited from the suppliers for the supply of **Fume Hood & Laboratory Wall Table** as per the specifications and terms & conditions enclosed herewith in Annexure 'A' for for Custom House Laboratory, Chennai.

- The quotation should be marked as "Quotation for **Fume Hood & Laboratory Wall Table**" and addressed to the Joint Director, Custom House Laboratory, Custom House, 60, Rajaji Salai, Chennai-1.
- The last date for the submission of quotation is 15.01.2016 till 15.00 hrs. Quotation received after due date will be summarily rejected.
- The quotation should be signed by the authorized person and his full name and status should be indicated below his signature.

F.No. S.Misc.47/2015-16 Lab
Dated: 28.12.2015

Sd/-
28.12.2015
Joint Director
Custom House Laboratory,
Custom House,
Chennai-1

ANNEXURE 'A'

SPECIFICATIONS FOR "FUME HOOD":

Dimension	1500L x 750W x 2400H in mm
Bed side	1350 x 600 in mm
Material of Construction:	16mm thick melamine resin filled laminated flat press board, sealed by PVC edge tapes.
a) Carcass	
b) Shutters	The shutters and drawers fronts should have half round post from finish and PVC edge seals.
Door	Single, vertical sliding, concealed type door, balanced with counter weights and wire rope etc.
Powered by	1HP 1380 RPM TEFC 3ph Motor-(In-built)
Ducting	Rigid ducting of FRP of 200mm dia. 1 feet 4mm thick rigid FRP pipe should be provided with suitable rain-hood.
Baffle	A stable, non-adjustable with a single slot on the back baffle to aid in distributing the flow of air into and through the hood. The baffle should be spaced out from the back liner and should be removable for cleaning.
Impeller	Dynamically balanced FRP Impeller.
Baffled by	3 MM thick FRP sheet
Centrifuged Blower	Silent high efficiency remote blower consisting of continuous rating motor and chemical resistant impeller. The blower should be designed to give a face velocity at safe working height as per the international safe velocity norms (ANSI). The exported face velocity at open sash should be 100 FPM. The blower body should be FRP UV treated high density and chemical (Corrosion) resistant and should be mounted on a metallic stand.
Casing	6 MM thick FRP Bisphenol 'A' fumerate Resin.
Coupling	Direct
Sash	The sash should be of glass with vertical rising frame. The bottom of the sash frame should have a full length handle. The sash should be counter balanced with a weights to prevent titling and blinding during operation. The glass panel should be 5mm toughened glass.
Bottom Arrangements	16mm thick melamine resin filled laminated flat press board, sealed by PVC edge seals.
c) Carcass	
d) Shutters	The shutters and drawers fronts should have half round post form finish and PVC edge seals.
Colour	IVORY/BLUE
Flooring	18 ± mm thick dished Black Granite top with skirting should be provided.

AMENITIES (to be included for Fume Hood):

Lighting	1 No. 4 feet Tube light of 20 volts should be provided.
Electrical Arrangements	The hood super structure should be fully wired, it also should be 2 No's. Electrical sockets and switches of (230V, 5/15A, 50HZ)
Cable Entering port	For easy access of cable of from fume hood to electrical sockets.
Sink & Water tap	1 No. of FRP Sink (12" x 10") with single way water tap should be provided.
Gas cock	1 No. of Gas cock should be provided.

SPECIFICATIONS FOR "LABORATORY WALL TABLE":

DIMENSION	:	1500L x 750W x 900H mm
MATERIAL CONSTRUCTION	:	20 gauge electro galvanized sheet with epoxy polyester powder coating.
UNDER BENCH MODULAR	:	It consists of continuos modular with top Drawer and Bottom cupboard should have one no. inner horizontal partition. All the drawers should have locking arrangements.
TOP	:	(18mm ± 1mm) thick well polished Black Granite should be provided.
COLOUR	:	Ivory / Blue.

Terms and Conditions:

1. Tenders should be sealed and addressed to: The Joint Director, Custom House Laboratory, Custom House, 60, Rajaji Salai, Chennai-600 001.
2. Tenders should reach the above address on or before 15.01.2016 till 15.00 Hrs.
3. The sealed cover should be superscribed with "Quotation for Fume Hood & Laboratory Wall Table".
4. Quotationers must possess a valid SEFA Executive Membership Certificate.
5. The price must be quoted in Indian Rupees. No advance payment shall be made.
6. Payment shall be made after receiving the "Fume Hood & Laboratory Wall Table" in full and in good working condition and after satisfactory installation and demonstration.
7. Bill should be submitted duly stamped and signed and in triplicate.
8. No separate payment shall be made for transit insurance and the supplier will be responsible until the supply is received in good condition at this laboratory.
9. Basic price and Taxes may be indicated separately and clearly.
10. Essential spares and consumables required to run the Fume Hood for atleast three years to be quoted separately. 10. Manual, Catalogue indicating the technical specifications and photos / pictures of the equipment have to be enclosed along with the tender.
11. Terms and conditions if any may be mentioned.
12. Prices indicated should be all inclusive basis for free safe door delivery.
13. A compliance sheet indicating clearly whether the equipments meet the specifications or not should be attached. Deviations if any should be mentioned clearly.
14. List of reputed organizations using the quotationer's "Fume Hood & Laboratory Wall Table" may be submitted along with the quotation.
15. The detail of working of "Fume Hood" should be demonstrated to this laboratory staff at our premises.
16. Guarantee period should be for atleast for one year from the date of installation and mentioned clearly and warranty/guarantee certificates are to be furnished along with the "Fume Hood & Laboratory Wall Table" when supplied.
17. Purchase committee reserves the right to accept or reject all or any quotation without any reason thereof and without any financial repercussions on both the sides.
18. Quotationers may please note that validity of their offers are to be kept open for acceptance for three months from the date of opening of the tender.
19. Quotationers should clearly indicate the minimum period for effecting supply which is to be adhered to strictly.
20. Quotationer's should give a declaration that the prices quoted are not higher than what they would have quoted or charged to any purchaser in India including the Directorate General of supplies & Disposals and other Government Departments for identical stores.
21. The "Fume Hood & Laboratory Wall Table" shall be factory tested according to the relevant standards and test certificate shall be furnished along with the machines.
22. Incomplete / conditional tenders and tenders received after closing date and time will not be considered.