

LIMITED TENDER INVITING QUOTATIONS

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

- The quotation should be marked as “Quotation for **Laboratory Furniture**” 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 24.10.2018 till 17.00 hrs. Quotation received after due date will be summarily rejected.
- Before sending the quotation, measurement of lab space to be furnished in Custom House Laboratory, Chennai should be taken.
- 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: 09.10.2018

Sd/-
09.10.2018
Joint Director
Custom House Laboratory,
Custom House,
Chennai-1

ANNEXURE 'A'

SPECIFICATIONS FOR "LABORATORY FUME HOOD (KOT)":

Dimension	1800L x 780W x 1500H in mm approximately
Bed side	1650 x 630 in mm
Material of Construction: Carcass	16mm thick melamine resin filled laminated flat press board, sealed by PVC edge tapes.
Door	Single, vertical sliding, concealed type door, balanced with counter weights and wire rope etc.
Powered by	1.5HP 1500 RPM TEFC 3phase good quality 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.
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 “UNDER BENCH CABINET (2-DRAWERS)”:

Dimensions	950L X 600W X 630 H mm 1 DRAWER – 20 cm 1 DRAWER – 40 cm approximately
Material of Construction: a) Carcass	16mm thick melamine resin coated EBC core with High Pressure lamination (HPL) on both sides with epoxy filled post form finish
b) Drawers	The drawers should have chemical resistant PVC thermo foil face E1/E2 grade core material, a urethane acrylic coating on top of thermo foil should be resistant to deformation and scratches.
Under Bench Modular	It should be continuous modular with telescopic channel having top drawer (20cm Height) and bottom drawer (45cm Height). All the drawers should have locking arrangements. Telescopic drawer slides should be very sturdy and able to take load upto 30 kg.
Colour	IVORY/BLUE

SPECIFICATIONS FOR “UNDER BENCH CABINET (DRAWER & CUPBOARD)”:

Dimensions	950L X 600W X 630 H mm 1 DRAWER – 20 cm H 1 CUPBOARD – 40 cm H with Partition (Removable) approximately
Material of Construction: a) Carcass	16mm thick melamine resin coated EBC core with High Pressure lamination (HPL) on both sides with epoxy filled post form finish
b) Shutters	The shutters and drawers should have chemical resistant PVC thermo foil face E1/E2 grade core material, a urethane acrylic coating on top of thermo foil should be resistant to deformation and scratches.
Under Bench Modular	It should be continuous modular with top drawer and bottom cupboard should have 1 No. inner horizontal partition. All the drawers / cupboard should have locking arrangements. Telescopic drawer slides should be very sturdy and able to take load upto 30 kg.
Colour	IVORY/BLUE

SPECIFICATIONS FOR “LABORATORY WALL TABLE”:

Dimensions	4100L X 750W X 900 H mm approximately
Material of Construction: c) Carcass	16mm thick melamine resin coated EBC core with High Pressure Lamination (HPL) on both sides with epoxy filled post formed finish.
d) Shutters	The shutters and drawers fronts should have chemical resistant PVC thermo foil face E1/E2 grade core material, a urethane acrylic coating on top of thermo foil should be resistant to deformation and scratches. All the drawers should have locking arrangements. Telescopic drawer slides should be very sturdy and able to take load upto 30 kg.
Top	(18mm ± 1mm) wooden top should be provided.
Colour	IVORY/BLUE

SPECIFICATIONS FOR “LABORATORY WALL TABLE”:

Dimensions	3300L X 750W X 900 H mm
Material of Construction: a) Carcass	16mm thick melamine resin coated EBC core with High Pressure Lamination (HPL) on both sides with epoxy filled post formed finish.
b) Shutters	The shutters and drawers fronts should have chemical resistant PVC thermo foil face E1/E2 grade core material, a urethane acrylic coating on top of thermo foil should be resistant to deformation and scratches. All the drawers should have locking arrangements. Telescopic drawer slides should be very sturdy and able to take load upto 30 kg.
Top	(18mm ± 1mm) wooden top should be provided.
Colour	IVORY/BLUE

SPECIFICATIONS FOR “LABORATORY ISLAND TABLE”:

Dimensions	2700L x 1500W x 900H mm approximately
Material of Construction: a) Carcass	16mm thick melamine resin coated EBC core with High Pressure lamination (HPL) on both sides with epoxy filled post form finish
b) Shutters	The shutters and drawers should have chemical resistant PVC thermo foil face E1/E2 grade core material, a urethane acrylic coating on top of thermo foil should be resistant to deformation and scratches. All the drawers should have locking arrangements. Telescopic drawer slides should be very sturdy and able to take load upto 30 kg.
Electrical Arrangements	16 Nos. of 15/5 Amps 3 pin electrical socket cum switch should be provided.
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. Before sending the quotation measurement of lab space to be furnished in Custom House Laboratory, Chennai should be taken.
3. Tenders should reach the above address on or before 24.10.2018 till 17.00 Hrs.
4. The sealed cover should be superscribed with "Quotation for Laboratory Furniture".
5. Quotationers must possess a valid SEFA Executive Membership Certificate.
6. The price must be quoted in Indian Rupees. No advance payment shall be made.
7. Payment shall be made after receiving the Laboratory Furniture in full and in good working condition and after satisfactory installation.
8. Bill should be submitted duly stamped and signed and in triplicate.
9. 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.
10. Basic price and Taxes may be indicated separately and clearly.
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 furniture meet the specifications or not should be attached. Deviations if any should be mentioned clearly.
14. List of reputed organizations using the quotationer's Laboratory Furniture may be submitted along with the quotation.
15. 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 Laboratory Furniture when supplied.
16. 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.
17. 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.
18. Quotationers should clearly indicate the minimum period for effecting supply which is to be adhered to strictly.
19. Quotationers 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.
20. The Laboratory Furniture shall be factory tested according to the relevant standards and test certificate shall be furnished along with the machines.
21. Incomplete / conditional tenders and tenders received after closing date and time will not be considered.
22. This office shall not be responsible for any delay / loss or non-receipt of tenders by post / courier.