

Tender Notice

for

Procurement of One Chemical Fume Hood

Tender in sealed cover is invited by IJIRA from manufacturers or authorized agents for the supply of a Fumhood. Details of the specifications are given in Annexure- I of this tender document. Interpretation of the terms & conditions and other related issues in the tender would lie with IJIRA only. LAST DATE FOR SUBMISSION OF DULY FILLED UP SEALED TENDER AT IJIRA, Kolkata is 16th November 2017. Address for Communication: The Director, Indian Jute Industries' Research Association (IJIRA), 17, Taratala Road, Kolkata – 700 088. Please super scribe TENDER FOR FUMEHOOD on the envelop if send by post.

TERMS AND CONDITIONS – GENERAL

All pages of tender documents shall be signed & sealed by the person authorized to file the tender & all should be duly numbered. The full name of the person authorized to file the tender, designation, current and main office address, Phone No., Fax No. & E-mail address shall be indicated in the tender. The tender should be filled in and submitted in English. All accompanying literature and correspondence shall also be in English. No claim for costs, charges, expenses incurred by the bidder in connection with preparation of tender submission and for subsequent clarifications of their tender shall be accepted. IJIRA will not be responsible for any typographical errors/ambiguity/ additions /omissions committed by the bidder while filling up of the tender. Submission of a bid by a tenderer implies that he has read all terms & conditions, and has made himself aware of the scope and specifications of the items to be supplied, availability of materials, local conditions and other factors bearing on the execution of the supply. Any question regarding the tender document and discrepancies shall be directed to the Tender Issuing Authority in writing minimum 3 days prior to the due date of submission of tender. The Tender Issuing Authority will issue all clarifications, interpretations, meanings and specific directions, if any, in duplicate in writing to all the bidders. One copy of these shall be returned duly signed and seal affixed along with the bids. Bids submitted by manufacturers and authorized agents only shall be considered.

Criterion for rejection: IJIRA reserves the right to accept or reject any tender or reject all tenders without giving any reasons whatsoever for their decision. Tenders are liable to be rejected in which any of the prescribed particulars / information is either missing or incomplete in any respect and/or if the prescribed conditions are not fulfilled. Tenders which are found to be technically non - responsive shall be rejected and their commercial details shall not be considered. Canvassing in connection with tender is strictly prohibited and tender submitted by bidder who resorts to canvassing will be liable to rejection. Tenders containing specific conditions of the bidder other than the terms and conditions given in the tender document and not acceptable to IJIRA are liable to be rejected.

Annexure I

1.00 SUMMARY AND SCOPE

- A. Section Includes:
Furnish and install all fume hoods, work tops, and understructures.
- B. Accessorization:
Furnishing and delivering all service outlets, accessory fittings, electrical receptacles and switches as listed in the specifications, equipment schedules. Fittings attached to the fume hood superstructure shall be mounted at the factory. Removal of all debris, dirt and rubbish accumulated as a result of the installation of the fume hoods to an on-site container provided by others, leaving the premises clean and orderly.

2.0 MATERIALS and DIMENSIONS

1. Minimum inner Chamber Dimensions: Width=1200 mm, Depth=850 mm, Height=1150 mm
2. Minimum outer Dimension with base cabinet 1250 mm x 900 mm x 2250 mm
3. Material of outer Construction: Mild Steel with chemical resistance powder coating
4. Inner Chamber material: FRP lining
5. Table top material: Granite with minimum 18 mm thickness. A cup drain flush with the recessed worksurface shall be provided. Molded polyethylene cup drains shall be molded in one-piece of acid-resistant polyethylene. They shall have an integral mounting flange and an integral tailpiece with a 1-1/2" I.P.S. male straight thread outlet.
6. Lighting and power points: 1 tube light 2 x 6/16A socket single phase and 16A MCB
7. A one-tube, energy-efficient, T-5 fluorescent light fixture shall be provided in the hood roof.
8. The light fixtures shall be isolated from the hood interior by a 1/4" thick tempered glass panel sealed from the hood cavity.
9. Utility services like Nitrogen, and water shall consist of remote control valves as selected located within the end panels, controlled by extension rods projecting through the control panels of the hood, with color coded plastic handles. Interior fittings for distilled water shall consist of a bronze tin lined, white color-coded, panel flange and angle serrated hose connector.
10. A stable, non-adjustable baffle with three fixed horizontal slots shall be provided to aid in distributing the flow of air into and through the hood. The baffle shall be spaced out 2-1/4" from the back liner. The baffle shall be removable for cleaning
11. Sash: Vertical raising up-down with counter balanced weight by steel rope, Smooth and light sash operation essential
12. Ducting & Blower: Chemical and heat resistant blower and ducting with at least 1 HP motor and 2000 mm duct line.
13. Power Supply: Single Phase 220 V power supply