

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Department of Earth Sciences

Enquiry No: ES/IS/2014-2015/30

Date: 20.02.2015

Subject: Quotation for supply Fiber glass molded or polypropylene fume hood (Quantity 01) as mentioned below.

With reference to the subject mentioned above, you are invited to submit the quotation in a sealed cover in order to reach us by March 2, 2015 in the form of a hard copy to the address mentioned below. If you have any questions please call Dr.I.S.Sen at 0512-2596440, email: isen@iitk.ac.in.

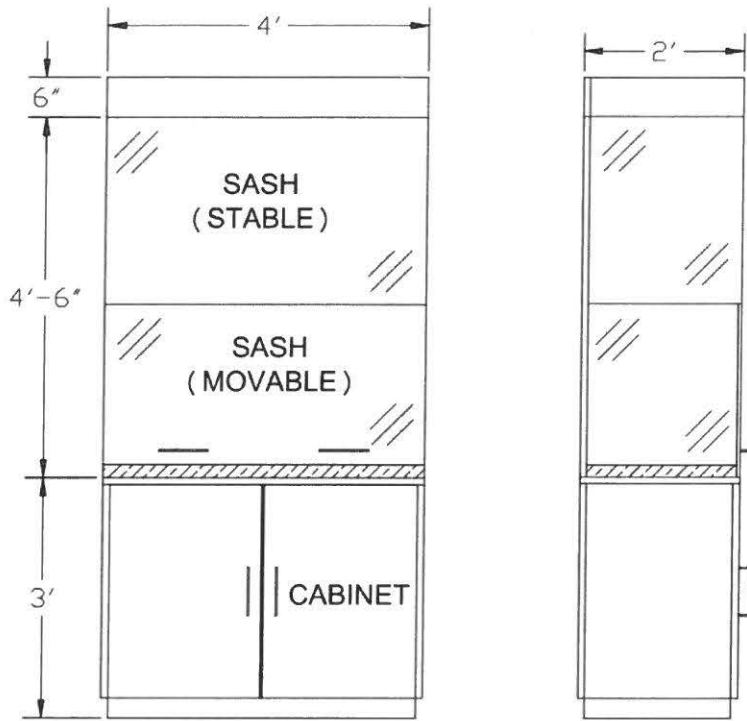
The prospective suppliers are required to send quotation in two parts in sealed envelopes, as "Technical Bid" and "Financial Bid". The Technical Bid should contain detailed technical specification of the product being offered and should not mention any prices. The Financial Bid should include the detailed price quotation clearly including the cost of the equipment, taxes, service charges if any, shipping and handling charges. **The two separate and sealed envelopes should be clearly marked appropriately as "Technical Bid" and "Financial Bid". Kindly write the inquiry no on the top of envelop.**

Terms and Conditions:-

1. Maximum education discount, if any should be offered
2. Validity of quotation should be at least for 60 days
3. Prices should be on CIF and FOB separately (if imported)
4. Prices should include the installation and training cost
5. Normal payment terms for the Institute will be applicable (90% on delivery of the items and the remaining 10% after satisfactory installation/ inspection).
6. Quotation should carry proper certifications like agency certificate, proprietary certificate, etc.
7. Delivery should be made within 3 months.

Specification for Fiber glass molded or polypropylene fume hood as per drawing

1. Size (Outer Dimension) – 3' x 4' x 8'
2. Internal Work Area – 2' x 3'-11" x 4'6"
3. Average Airflow Velocity – 0.45 m/s (90 fpm) at initial set point
4. Air Volume – 647-700cfm
5. Sashes can be vertical, horizontal, or a combination of the two. Vertical rising sashes adjust up and down
6. Sash material – transparent acrylic sheets should be used to make the sash portion.
7. Constant Air Volume (CAV) - The overall volume of air exhausted within the hood should remain constant. As the sash is lowered or raised the velocity of the airflow increases and decreases respectively. The optimum face velocity should be 80 -120 fpm or 0.40 – 0.60 m/s
8. Material – No metals/steel/alloys should be exposed. The hood should be entirely fiber glass molded to protect from acid corrosion. Polypropylene can also be used.
9. Blower - a safe exhaust flow speed \geq 100 fpm (.51 m/s). Blower should be molded by Glass Fiber material or made of polypropylene
10. Color – White in color



Front View

Side View

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