



**Department of Geology, M.L. Sukhadia University**  
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**LIMITED TENDER NOTICE**

(Available-Rajasthan Government Tender Portal <https://sppp.rajasthan.gov.in> & <https://mlsu.ac.in>)

Sealed quotations are invited from reputed firms dealing Laboratory fume hood with separatory funnels and ring stands. Suppliers for purchase in RUSA 2.0 Project Department of Geology, Mohanlal Sukhadia University, Udaipur as per following specifications:

| S. No. | Description of Items  | Quantity | Amount in Rs.  |
|--------|---|----------|--|
| 1.     | <p><b><u>Laboratory fume hood with separatory funnels and ring stands.</u></b></p> <p><b>1. Construction and Material:</b> Exterior should be constructed Made of good quality Teflon/polyurethane/ G118 G epoxy Owen backed powder coated cabinet exterior area with Internal work area shall be (Polypropylene)PP lining (2.5ftL x 2ftD x 3ftH).</p> <p><b>2. Baffle Arrangement:</b> Airflow uniformity should be throughout the chamber with smooth and immediate exhaust of fumes. Fume hood bypass should be introduced below the sash through multichannel slots in air foil.</p> <p>i. Air flow 180-250 (CFM) ft/min.<br/>ii. Fan Centrifugal.<br/>iii. Noise Level &lt;55 dBA.<br/>iv. In-flow velocity 60 LFPM (.30m/s) and out flow velocity 105 LFPM(.53m/s).</p> <p><b>3. Motor Blower:</b> Silent high efficiency Motor blower of required capacity with 1/4HP single phase type shall be provide.</p> <p><b>4. Front Idle door/Face Opening:</b> vertical sliding type glass door. Area surrounding sash opening to be rounded to create an aerodynamic configuration with side posts maximum 5.25" in width to prevent reverse eddy airflow.</p> <p><b>5. Ceiling closure panel,</b> minimum 20 gauge (1.00 mm) thick, finish to match fume hood.</p> <p><b>6. Work size Dimensions:</b></p> <p>i. working width: 750mm (L)<br/>ii. working depth: 700mm (D)<br/>iii. height external:<br/>iv. working height: 900mm (H)</p> <p><b>7. Lighting:</b> Lighting system with NON-FLP TYPE fluorescent lamp [40 W], Safety glass panel sealed to the hood roof.</p> <p><b>8. Electrical Power:</b> should be operated at 220 V AC, 50 Hz as per Indian standards and single phase.</p> <p><b>9. Electrical Connections:</b> electrical point: 6/16A amp sockets with switch both sides shall be provided.</p> <p><b>10. Ducting:</b> Exhaust ducting shall be PVC around 5ft length.</p> <p><b>11. Monitoring</b> Low airflow alarm and continuous air flow alarm.</p> <p><b>12. Pre-filter efficiency:</b> superior to 99.99% (desirable).</p> <p><b>Standard design</b></p> <p><b>Standard warranty:</b><br/>Three years for complete system along with accessories</p> <p><b>Offer and documents:</b><br/>Vendor must provide supporting technical literature, proprietary/patent certificates wherever applicable.</p> | 01       | 50,000/-<br>Including<br>18% GST<br>and other<br>charges |

Interested firms may submit their quotations on their official letter heads duly complete in all respects on or before 20.01.2025 by 5:00 P.M. address to Dr. Niranjana Mohanty Principal Investigator RUSA 2.0 Project Department of Geology, MLSU, Udaipur (Rajasthan). Bids will be opened on 21.01.2025 at 11.00 am in the Chamber of Head Department of Geology MLSU Udaipur (Rajasthan)-313001

**Terms and Conditions:-**

1. The material should be supplied within 30 days from the date of receipt of the orders.
2. Specifications given above and quality will be rigidly adhered to.
3. All rates quoted must be F.O.R. stores and should be excluding taxes but including other charges as applicable.
4. One year complete comprehensive warranty from the date of installation should be provided.
5. The price should include installation charges and demo should be done by the firm with full satisfaction.
6. Supplier must submit technical brochures, authorization letter, certificate of compliance, certificate of registration and standard/ISO certificates etc.
7. Payment will be made after satisfactory installation. Operation and service manuals must be provided at the time of installation.
8. The undersigned reserved the right of accepting or rejecting any bid or otherwise without assigning any reasons thereof.
9. Provision of Rajasthan Transparency in Public Procurement Act 2012 (Act No.21 of 2012) RTPP Rules 2013 Govt. Of Rajasthan shall be applicable with regard to delay in supplies and other residue eventuates.

**Dr. Ritesh Purohit**  
**Head of the Department**

**Dr. Niranjana Mohanty**  
**PI, RUSA 2.0 project**