

NIQ No. IISERBpr/NIQ/CHM/2024-25/07

Date: August 22, 2024

NOTICE INVITING QUOTATIONS

Indian Institute of Science Education and Research (IISER), Berhampur, is an autonomous Institute established under Ministry of Education, Government of India. Quotations are invited from prospective bidders for supply of lab consumables. All prospective suppliers are requested to submit their quotations on or before the end date/time of submission in the following ways:

- By speed post to reach the specified address / drop the sealed quotation in tender box kept at the Security Desk of Institute.
- By email to purchase@iiserbpr.ac.in. The scanned soft copy (pdf) of the quotation should be password protected. The password will be obtained from the suppliers at the specified time of opening of NIQ. The unprotected soft copy of quotation may be rejected.

The sealed envelope should be duly super-scribed OR the subject of email providing soft copy of the quotation should be as follows: **"Quotation for supply of Ductless Fume Hood vide NIQ No. IISERBpr/NIQ/CHM/2024-25/07 dated August 22, 2024"**

GEM GARPTS No.	GEM/GARPTS/14082024/9GRX385A5NI3
Indent No.	IISERBpr/2024-25/CHM/B00108,B0112/201 dated 09/08/2024
NIQ No.	IISERBpr/NIQ/CHM/2024-25/07
NIQ Date:	August 22, 2024
Brief Description of the item to be procured	Quotation for supply of <u>"Ductless Fume Hood"</u> (Specifications as per Annexure- 1)
Quantity	"02"
Delivery Period (Days/weeks):	6 weeks from the release of Purchase Order
Delivery Location:	IISER Berhampur, Permanent Campus, Vigyanpuri, At/Po: -Laudigam, Konisi, Dist. Ganjam, Odisha-760003
Estimated value	₹9,98,044/-
NIQ Submission End Date & Time of submission	August 29, 2024, 15:00 hr
NIQ Opening Date, Time & Venue	August 29, 2024 at 15:45 hr (Store & Purchase Office)
Delivery:	(i) FOR IISER Berhampur (ii) LD Charges @0.5 % per week for late delivery.
Payment Terms.	100 % after successful delivery and installation.
Address for submission of NIQ:	The Stores & Purchase Officer IISER Berhampur, Transit Campus, Govt. ITI Building Engineering School Road Berhampur – 760010 Through email: purchase@iiserbpr.ac.in (strictly as per the above directive)
Award of Contract:	The bidder who quotes the Lowest amount shall be awarded the contract
Warranty (Onsite)	3 Years compressive onsite warranty from the date of installation.
For technical Clarifications please contact:	Dr. Amit Kumar Simlandy & Dr. Parikshit Moitra E-mail: asimlandy@iiserbpr.ac.in , parikshit@iiserbpr.ac.in
NIQ Inviting Authority:	Stores and Purchase Officer for and on behalf of Director, IISER Berhampur Tel. No.0680 2227-728/705


 22/08/2024
 Stores & Purchase Officer

(NIQ NO. IISERBpr/NIQ/CHM/2024-25/07 dated August 22, 2024)

Technical Specifications

Type of Hood: Ductless Fume Hood	Compliance (Yes/No)
Overall Dimension: Width 1500 x Depth 900 x Height 2650 mm	
Inner Dimension: Width 1300 x Depth 630 x Height 1200 mm	
1.1 Fume Hood Superstructure consisting of	
• Structure frame in 2.0 mm thick GI construction	
• Inner lining, rear baffles and top baffles in 6 mm thick. Phenolic Resin construction.	
• Outer panels in 1.2 mm thick GI construction.	
• Aerodynamic Shape front posts, in GI construction	
• Flip-on type Airfoil in 1.6 mm thick SS construction	
• All the sheet metal parts (panels) listed above should be duly coated with pure epoxy powder (60 to 80 Micron) through dye-electrode method.	
• Frameless design sash in toughened glass const. with full length sash handle.	
• Sash movement mechanism with counter weight.	
• Built in LED Light Fixture for proper illumination	
• Enclosure Panel for Filtration System in GI const; duly powder coated	
• Consists of manifold lattice covering the inner space of the fume hood	
Fume Hood Worktop	
• In telephone black natural granite construction, having raised rails on all four sides.	
• Service fixtures for air/water/vacuum/gas	
Controls, Sensors and Alarm System	
• Microprocessor based control, alarm and monitoring system, Model AFA/1000 TEL - UK	
• Differential pressure gauge for HEPA filter	
• VOC sensor with alarm system to alert the user for saturation of filters	
Electrical Fittings & Controls (All in Non-FLP Const.)	
• 5/15A 3-pin Socket with MCB : 4 Nos. and more	
• Touch switch for Light : 1 No.	
• Push Button from Blower : 1 No.	
Fume Hood Understructure with castor wheels (750mm height)	
• Fabricated out of heavy gauge rectangular shape hollow pipes in MS construction, duly finished with corrosion-resistant specialty coatings.	
1.2 Fume Hood Under-Cabinet (Apparatus Storage Purpose) 1	
Detachable design cabinet fabricated out of GI sheet, consisting of,	
• Twin doors in double wall const.	
• Flushed-type recessed handle.	
• Heavy duty knuckle-barrel special design door hinges.	
• 1 No. removable shelf.	
• FRP lining inside the chemical storage cabinet	
• PP Tray for chemical storage	
• Recessed base frame in heavy duty GI const.	
• Castors for easy removal of the cabinet.	
1.3 Blower and Filtration System 1	
• Mini-pleat HEPA Filter EU14 Grade, with an efficiency of 99.999 % down to 0.3 μ at exhaust position.	
• Washable Air-filter EU 5 Grade, with efficiency of 95% down to 5 micron.	
• Activated Charcoal (with KMNO ₄) Filter having granular media bed for adsorption of odour and concentrated fumes.	

Air Handling: Motor Blower with Speed control having high performance, noise abated, light weighted.	
Warranty	
Comprehensive 3 years minimum on-site warranty on all parts of the instrument from the date of successful installation at the Permanent campus of IISER Berhampur.	
All parts including accessories, spares and labour on site.	
The vendor should supply and install the necessary filters once their lifetime is over and request has been received from the end user for replacement.	
Free maintenance and service on site or at factory with no cost.	
During the warranty period the spares including the source to be replaced free of cost.	
Basic, and frequently required spares should be provided for the entire period of extended warranty. A list of these items should be attached with the quotation.	
System should be covered for comprehensive warranty from the manufacturer. All parts including spares should be covered under the warranty and this fact should be clearly and explicitly specified in the tender document.	
Supplier should confirm the availability of spares for next 10 years from the date of installation.	
Warranty should only start from the date of installation of the instrument at the site.	
User training	
Installation and initial onsite user training should be given free of cost.	
Regular follow-up training during the period of extended warranty on mutually convenient dates for hardware, software, and application to the laboratory personnel in the installation, operation, and maintenance of the instruments.	
Service & Support	
Operation and service manual in English (electronic and hard copy) with complete circuit diagram and PCB layout for all equipment should be provided with the instrument.	
The response time with an engineer on site must be less than 48 hours from the notification of the failure. The company must provide evidence that it can fulfil this requirement.	
In case the parts are required to be imported for repairs, the same should be made available within 3 weeks from the date of reporting of the issue. Any extension in this time will need to be compensated by the manufacturer by extending the comprehensive warranty by the excess period taken (i.e. period beyond 3 weeks) in completing the repairs.	
Pre-installation requirements	
Necessary pre-installation requirements i.e., pre-installation site preparation advice should be sent immediately after the placement of the order, a lab layout for the installation of the instrument should be provided by the vendor before the delivery. (preparation of site)	
Installation, commissioning and application training	
Hands on training for personnel at installation site	
Installation, complete interfacing of the system with its subsystems, and commissioning is to be carried out by the vendor's factory-trained engineers, followed by a demonstration of the system's performance to the user's complete satisfaction.	
An estimated time schedule for installation, commissioning and training must be provided.	
The vendor is responsible for the installation of the system at the institute.	
Delivery and installation	
Item should be delivered to IISER Berhampur (permanent campus). Any consumables / electrical spares / any other etc. for the installation should be done free of cost. The vendor should provide any spare parts, consumables or accessories required for the installation of the instrument, free of cost	


 22/08/2024
Stores & Purchase Officer

QUOTATION FORMAT

Ref : IISER Berhampur, NIQ No. _____ Dt. _____

Name of the Firm: _____ Name of Proprietor _____

Address _____

Quotation No. _____ Dt. _____

Mob No. _____ E-Mail: _____

GSTN. _____ Registration /License No. _____

PAN No. _____

Brief description of the material to be supplied: -

Sl.	Description of item	Qty	Unit Price	Discount Offered	GST %	Total cost with GST
1	<u>Ductless Fume Hood</u>	02				
Total Rs.						

(a) Whether able to supply the said goods with GST Exemption certificate, as research equipment / computer, computer peripherals, software and hardware etc supplied to our institute will attract only 5% GST. Yes /No.

(b) All prices are F.O.R. IISER Berhampur.

(c) 100% Payment will be made after delivery and installation within 30 days from date of supply and installation.

(d) Validity of quotation 30 days (e) Delivery period _____ (days/weeks)

(f) Warranty details _____

(g) Bank Account Details: Name of A/c Holder _____
 Bank Name _____ A/c No. _____
 IFSC _____

Certified that I Hereby accepted all terms and conditions of NIQ under reference.

Seal of the firm _____

Signature _____