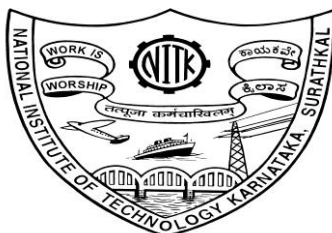


NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

DEPARTMENT OF CHEMICAL ENGINEERING
 POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)
 Phone: (0824) 2474000. Fax: (0824) 2474033
 E- mail: info@nitk.ac.in Website: <http://www.nitk.ac.in>



NOTICE INVITING QUOTATION

Notification. No: **Ref. No. NITK/CH/OH-35/IRG/Fume Hood/23-24/969**

dated: 30/10/2023

Name of Goods	Fume Hood
Estimated Amount:	Rs 80,000
Time for Supply of item after release of Purchase order	30 (Days)
Document Download / Sale Start Date	31-10-2023, 3.00 P.M.
Clarification Start Date	Not Applicable
Clarification End Date	Not Applicable
Bid Submission Start Date	31-10-2023, 3.00 P.M.
Last Date for submission of bids	15-11-2023 before 3.00 PM
Bid Opening Date	16-11-2023, 3.00 P.M.
Address for Submission of bids	Dr P.E. Jagadeesh Babu Professor Department of Chemical Engineering NITK Surathkal POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)



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NOTICE INVITING QUOTATION (NIQ)

The National Institute of Technology Karnataka, Surathkal (in short – NITK, Surathkal) is an Institute Of National Importance Under Ministry of Education Govt of India, imparting Technical Education and engaged in Research Activities. It is proposed to procure the items for the departmental academic/research activities.

Sealed Quotations as per the Price Schedule given in this NIQ are invited for the following items subject to the terms and conditions, from the reputed manufacturers or its authorised dealers so as to reach on or before scheduled date and time. The quotations in the firm's Business letter head should be address to the "Director, NITK, Surathkal". The envelope shall be superscribed with the Quotation Notification Number and the Name of the Goods for which quotation is submitted.

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**Sd/-
HOD**

Note: Institute shall not be responsible for any postal delay about non-receipt /non-delivery of the bids or due to wrong addressee.

SECTION-1
Terms and Conditions

1. The rates should be quoted for preferably FOR destination from supply within India.
2. The bidder shall indicate the excise duty exemption for the goods if applicable.
3. The rate quoted should be on unit basis. Taxes and other charges should be quoted separately, considering exemptions if any. The rate should be quoted in INR only
4. Rate quoted should be inclusive of Testing, commissioning and Installation of equipment and Training.
5. Payment: No advance payment will be made. Payment will be made only after the supply of the item in good and satisfactory condition and receipt of performance security by supplier.
6. Guarantee/Warranty period should be specified for the complete period should be specified in section 3 of this tender document.
7. Period requirement for the supply and installation of item should be specified in section 3 of this tender document.
8. In case of dispute, the matter will be subject to Mangalore Jurisdiction only.
9. **Liquidated Damages**: Timely delivery is the essence of the contract and hence if the Supplier fails to deliver Goods within the original/extended delivery period(s) specified in the contract, the Institute will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, **@ 1% per week or part of the week of the delayed period** as pre-estimated damages not exceeding 5% of the contract value without any controversy/dispute of any sort whatsoever.

SECTION-2
SCHEDULE OF REQUIREMENTS, SPECIFICATIONS AND ALLIED DETAILS
[To be filled up by the Department / Centre of NITK, Surathkal]

Item(s) Name to be Procured : Fume Hood

Brief Specifications of the Item(s)
(Attach Additional Sheet if necessary) : attached

Quantity : 1

Any other details / requirement :

Warranty Period required : 1 year

Delivery Schedule expected
after placement of Purchase order
(in Weeks) : 4 weeks

**SECTION 3
PRICE SCHEDULE**

[To be used by the bidder for submission of the quotation]

-
1. Item Name :
 2. Specifications
(Conforming to Schedule of requirements
Enclose additional sheets if necessary) :
 3. Currency and Unit Price :
 4. Quantity :
 5. Item Cost (Sl No. 3 * Sl. No. 4) :
 6. Taxes and Other Charges :
(i) Specify the type of taxes and duties
in percentages and also in figures.
(ii) Specify Other Charges in figures.
 7. **Warranty Period** :
(Conforming to the Schedule of requirements)
 8. Delivery Schedule :
(Conforming to the Schedule of requirements)
 9. Name and address of the Firm for
placing purchase order :
 10. Name and address of Indian authorized
agent (in case of imports only) :

Signature of the Bidder: _____

Name and Designation: _____

Business Address : _____

Place:
Date:

Seal of the Bidder's Firm

SECTION 4
CONTRACT FORM

[To be provided by the bidder in the business letter head]

1. (Name of the Supplier's Firm) hereby abide by the delivery schedule mentioned in this document for supply of the items if the purchase order is awarded.
2. The item will be supplied conforming to the specifications stated in this document without any defect and deviations.
3. Warranty will be given for the period mentioned in this document and service will be rendered to the satisfaction of NITK, Surathkal during this period.

Signature of the Bidder: _____

Name : _____

Business Address : _____

Place :
Date :

Seal of the Bidder's Firm

Specification:**Name of Item: Fume Hood**

Estimated amount: ₹ 80,000

Warranty Period: 01 Years

Quantity: 1

DIMENSIONS, FEATURES	
Size of Sink (mm)	100 to 300 mm (material : Acid resistant)
Power Rating	220-230 V A.C Supply
Safety Device Trip (Nos)	yes
Material of Base Cabinet	S S Steel or WPC (wood plastic composite) or mild steel coated with rust free paint
Working Platform Material	GRANITE
Double wall Construction	Yes
Ducting Material	PVC or PP
Details of Electrical outlets	220/230 V , SINGLE PHASE , A.C. SUPPLY
Air Flow (Cubic metre/hr)	75 to higher
Width of Base Cabinet (mm)	900 and above
Material of Front shutter	Toughened Float Glass
Overall length of Fumehood (mm)	1800 or higher
Base Cabinets	yes
Ducting for hood	Yes
Efficiency & Noise level of Blower (% , dB)	750
Thickness of wall (mm)	75 or higher
Operating Temperature of Fume hood (degree C)	37 degree Celsius or more

Material of Fumehood	Body MS with powder coating paint or SS
No. of Drawers in the Base Storage Unit (Nos)	2
Fumehood installation Kit and Accessories	yes
Height of Base Cabinet (mm)	600 or more
Type of Filter	N/A
Type of Fumehood	Laboratory
Length of Base Cabinet (mm)	600mm or more
Fire Resistant	yes
Utility Pipe lines for Nitrogen, Compressed Air & Water etc.	yes
Face Velocity (m/s)	21
Type of Fumes suitable for	ALL TYPES OF HAZARDOUS AND TOXIC FUMES (acidic, ammonia etc.)
Overall Width of Fumehood (mm)	1050 or above
Design of base Cabinet	yes
Wattage of Blower (W)	Min 375 or higher
Material of sink	PP or steel (may be removable)
Overall Height of Fumehood (mm)	Min 1800
Type of Blower	CENTRIFUGAL BLOWER (POLYPROPYLENE)
Design details of baffles	yes
Design details of Electrical Services	yes

No. of Electrical Socket and Switch (Nos)	Min 3
Material of the Blower	Aluminium or SS
Working Platform Thickness (mm)	Min 60mm
Provision of Electrical Outlets	yes
Features of various Utilities	yes
Any additional (optional)	Attached Digital thermocouple , Digital pH probe,
Installation/ blower fitting	to be provided,