

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

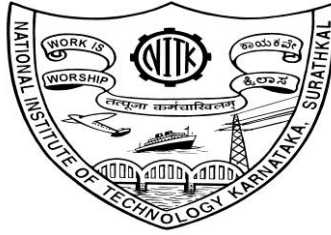
DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING
POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)

Phone: (0824) 2474000.

Fax: (0824) 2474033

E- mail: info@nitk.ac.in

Website: <http://www.nitk.ac.in>



NOTICE INVITING QUOTATION

Notification. No: **Met-Mat/AS/HAV/OH35/244/2022-23/01**

Date: **22/03/2023**

Name of Goods	Hot Air Oven
Estimated Amount:	Rs.80,000/- (including GST)
Time for Supply of item after release of Purchase order	30 (Days)
Document Download / Sale Start Date	22/03/2023 @ 5.30 PM
Clarification Start Date	22/03/2023 @ 5.30 PM
Clarification End Date	25/03/2023 @ 5.30 PM
Bid Submission Start Date	22/03/2023 @ 5.30 PM
Last Date for submission of bids	06/04/2023 before 3.00 PM
Bid Opening Date	07/04/2023 @ 3.30 PM
Address for Submission of bids	Dr. S. Anandhan, Professor Dept. of Metallurgical and Materials Engg. Ph-0824 2473762 email-anandhan@nitk.edu.in



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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.

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 : Hot Air Oven

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

Quantity : 1 Nos

Any other details / requirement : --

Warranty Period required : 1 Year

Delivery Schedule expected
after placement of Purchase order
(in Weeks) : 5 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

Item: Hot Air Oven

Quantity: 1 (One)

Warranty: Minimum 1 year

Finalized Specifications

HOT AIR OVEN -300°C-Inner-SS 304grade-Outer-MS Powder coated	
Chamber Design	Double walled
Inner Chamber	Inner chamber made of stainless steel 304 Grade
Outer Chamber	Outer chamber made of mild steel finished with powder coated.
Insulation	Insulation between inner and outer chamber is filled with high grade glass wool with a gap of 75mm thickness, to withstand maximum Temperature 300° C
Air Circulation Fan Motor	The motorized forced air circulation is provided at the back to maintain uniform temperature inside the chamber
Heaters	Air Heaters are made of high grade Kanthal wires of suitable wattage.
Gasket	An asbestos rope gasket is provided for the door to avoid air leakage and temperature loss from Instrument.
Trays	Perforated removable stainless steel trays at the fixed distance.
Temperature Range	5 °C above ambient to 300°C.
Temperature Controller	Microprocessor based PID temperature controller with dual display (Process value and set value), low and high limit setting with Cr Al thermocouple.
Temperature Resolution	0.1°C
Temperature Accuracy	± 1°C.
Temperature Uniformity	± 3°C.
Power Supply	230 Volts Single Phase 50Hz, AC supply.
Litres Capacity	210 litres
Inner Chamber Size	Minimum : 60 x 60 x 60 cms.
Outer Chamber Size (WxDxH)	Minimum : 92 X 85X 110 cms
Power	2500 Watts
The Equipment must be supplied with Warranty : 1 year	
Any installation pre requisite has to be mentioned in the Technical Bid.	
The complete set up installation must be done by the supplier.	