

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

DEPARTMENT OF **MECHANICAL ENGINEERING**

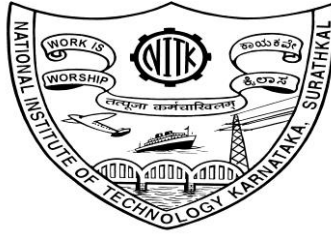
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NOTICE INVITING QUOTATION

Notification. No: NITK/DPD/OH35/IRG/2022-23: DOC-1

dated: 30/11/2022

Name of Goods	Hot water bath for calibrating thermocouples
Estimated Amount:	₹0.80 Lakh
Time for Supply of item after release of Purchase order	30 (Days)
Document Download / Sale Start Date	13-01-2023 at 5.30 PM
Clarification Start Date	NA
Clarification End Date	NA
Bid Submission Start Date	13-01-2023 at 5.30 PM
Last Date for submission of bids	23-01-2023 before 3.00 PM
Bid Opening Date	23-01-2023 after 3.30 PM
Address for Submission of bids	Head of Department, Mechanical Engineering, National Institute of Technology, Karnataka, Srinivasnagar, Surathkal, Mangalore. 575025. Kind Attn: Dr. N Gnanasekaran Email: gnanasekaran@nitk.edu.in , Ph: Tel: 0824- 2474000 (O), 09940871337 (M)



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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/-

[Signature of 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 water bath for calibrating thermocouples
Brief Specifications of the Item(s) (Attach Additional Sheet if necessary)	: Sheet is attached separately
Quantity	:1
Any other details / requirement	:Additional accessories if any should be informed in the Quotation
Warranty Period required	:3 years
Delivery Schedule expected after placement of Purchase order (in Weeks)	: 4 weeks

Hot Water bath specifications

SEROLOGICAL WATER BATH -Inner-SS 316grade-Outer-SS 304 grade	
Chamber Design	Double walled
Inner Chamber	Inner chamber made of stainless steel 316 Grade
Outer Chamber	Outer chamber made of stainless steel 304 Grade
Drain Valve	chamber drain nozzle at bottom with Dome type Lid
Circulating Pump	Inner Stirrer and External Circulating Stainless steel Pump fitted at top. At an extra cost (Optional) for better accuracy and Uniformity
Top Lid	Dome type lid.
Insulation	Insulation between inner and outer chamber is filled w th high grade glass wool with a gap of 65mm thickness, to withstand maximum Temperature 95° C
Heaters	Immersed Heaters are made of high grade Kanthal wires of suitable wattage.
Temperature Resolution/ Uniformity	Controller/ Accuracy/ Microprocessor based PID temperature controller with dual display (Process value and set value), low and high limit setting with PT 100 Sensor Timer control (optional). /0.1°C/± 1°C. / ± 3°C
Thyrister Controller (Optional IfRequired)	For replacement of temperature controller to get better accuracy of temperature from minimum to maximum specified temperature range given and to avoid over soot at lower temperature is done by thyristerised temperature controller with Thyristerised Pack.
Welding	Inner Bath Completely Argon welded
Temperature Range	5 °C above ambient to 95°C.
Power Supply	230 Volts Single Phase 50Hz, AC supply.

**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 :

Seal of the Bidder's Firm

Date :