

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

Department of mechanical engineering

Post Srinivasnagar, Mangalore – 575 025

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NOTICE INVITING QUOTATION

Notification. No: NITK/MECH/DST/TDAQ/04

dated: 08/04/2022

Name of Goods	Temperature Data Acquisition Module
Estimated Amount:	Rs. 75,000.00
Time for Supply of item after release of Purchase order	30 (Days)
Document Download / Sale Start Date	08/04/2022
Clarification Start Date	08/04/2022
Clarification End Date	15/04/2022
Bid Submission Start Date	15/04/2022
Last Date for submission of bids	29/04/2022 before 3.00 PM
Bid Opening Date	03/05/2022
Address for Submission of bids Type Address of the Department and Contact Person Details with Phone Number]	Dr. Parthasarathy P Asst. Professor Room 406, Dept. Of Mechanical Eng. National Institute of Technology Karnataka Mangaluru - 575025 Mail: parthasarathy@nitk.edu.in Phone: +91-824-2473673



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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 with Seal]**

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. **The buying organization is under the 5% GST Concessional category & Payment will be made with 5% GST on the Taxable amount (base rate).**

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 : **Temperature Data Acquisition Module**

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

Quantity : 1 number

Any other details / requirement : NA

Warranty Period required : 3 years

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

Specifications

Number of channels	4 thermocouple channels, 1 internal autozero channel, 1 internal cold-junction compensation channel
Terminal type	Screw type
ADC resolution	24 bits
Type of ADC	Delta-Sigma
Voltage measurement range	± 80 mV
Temperature measurement ranges	Works over temperature ranges defined by NIST (J, K, T, E, N, B, R, S thermocouple types)
Max. Sample rate	14 Samples/s
Thermocouple signal input bandwidth	15 Hz
Temperature Measurement sensitivity	
Types J, K, T, E, N	<0.05 °C
Types R, S	<0.45 °C
Type B	<0.2 °C
Chassis	If required, minimum of one slot, with an operating range of -20 °C to 55 °C.
Accessories	All required power, data cables and accessories for operation of the DAQ should be included (except thermocouples)
Warranty	3 years onsite warranty