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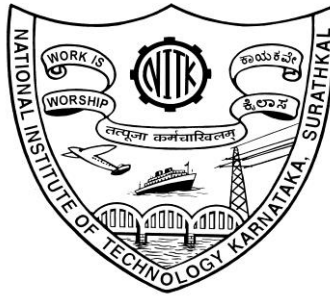
NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

DEPARTMENT OF CENTRAL RESEARCH FACILITY

POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)
A DEEMED UNIVERSITY

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NOTICE INVITING QUOTATION

Quotation Notification. No. NITK/CRF/PCTCCC/SHPB/N/04

Date:09/03/2021

Name of Goods	Portable Cylindrical Temperature Chamber with Controller in Compatible with SHPB system
Estimated Amount	Rs. 2,00,000/-
Time for Supply of item after the release of the Purchase order	2 months
Last Date for submission of Quotation	23/03/2021 before 11.00 a.m.
Address for Submission of Quotation	Dr. Sharanappa Joladarashi, M. No. 8884555351 Office.crf@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/-
Chairman, CRF

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.
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	: Portable Cylindrical Temperature Chamber with Controller in Compatible with SHPB system
Brief Specifications of the Item(s) (Attach Additional Sheet if necessary)	: Attached (Annexure A)
Quantity	: 01 No.
Any other details / requirement	: Attached
Warranty Period required	: 3 Years
Delivery Schedule expected after placement of Purchase order (in Weeks)	: 8 weeks (2 months)

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 (SI No. 3 * SI. 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 defects 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 – Portable Temperature Chamber

General Requirement

1. **Temperature Range:** 0 to 700 Deg C
2. **Type:** Non- Contact Type infrared heater
3. **Temperature Accuracy:** +/- 1°C or better
4. **Furnace Structure:** Double layer Stainless steel casing with air cooling to keep furnace surface temperature lower than 60°C.
5. **Internal Layering:** High purity fibrous alumina insulation for max. Energy saving.
6. **Time to reach Rated Temperature:** 45 mins
7. **Heating Element:** SiC heating element or Equivalent
8. **Temperature Control System:** PID automatic control with 16 segments programmable heating and cooling processor. With overheat and circuit thermocouple protection.
9. **Control Accuracy:** 1 Deg C or better
10. **Dimension:** 300 mm Length X 300 Diameter

Specific Requirement

1. **Interfacing:** The temperature chamber should be integrated with SHPB setup. A sliding mechanism to be provided as an attachment to SHPB so that temperature chamber can be used based on requirement.
2. Chamber should be designed in a tubular structure with hinges so that chamber can be opened radially.
3. Chamber should insulated so that minimum amount of heat is transferred to incident & transmission bar.