

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

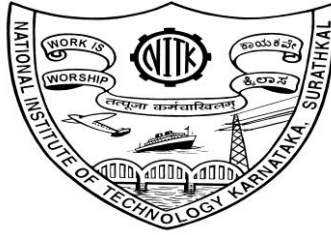
DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING
POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)

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/OH35/IRG/SG/CTE/887/2023-24/04

dated: 18/01/2024

Name of Goods	Creep Testing furnace
Estimated Amount:	₹ 1,50,000/-
Time for Supply of item after release of Purchase order	60 Days
Document Download / Sale Start Date	19/01/2024, 9.00 AM
Clarification Start Date	19/01/2024, 9.00 AM
Clarification End Date	26/01/2024, 3.00 PM
Bid Submission Start Date	27/01/2024, 9.00 AM
Last Date for submission of bids	07/02/2024 before 3.00 PM
Bid Opening Date	07/02/2024, 3.30 PM
Address for Submission of bids	Dr. Sumanth Govindarajan Department of Metallurgical and Materials Engineering Email: sumanthg@nitk.edu.in Ph: 08242473786, +91974222282



NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL
DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING

POST SRINIVASNAGAR, MANGALORE – 575 025

Phone: (0824) 2474000

Fax: (0824) 2474033

E- mail: info@nitk.ac.in

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

Notification No: Met-Mat/OH35/IRG/SG/CTE/887/2023-24/04

Date: 18/01/2024

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.

Name of Goods	Creep Testing furnace
Estimated Amount:	₹ 1,50,000/-
Time for Supply of item after release of Purchase order	60 Days
Document Download / Sale Start Date	19/01/2024, 9.00 AM
Clarification Start Date	19/01/2024, 9.00 AM
Clarification End Date	26/01/2024, 3.00 PM
Bid Submission Start Date	27/01/2024, 9.00 AM
Last Date for submission of bids	07/02/2024 before 3.00 PM
Bid Opening Date	07/02/2024, 3.30 PM

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	: Creep Testing furnace
Brief Specifications of the Item(s) (Attach Additional Sheet if necessary)	: Attached
Quantity	: 1
Any other details / requirement	: NA
Warranty Period required	: 1 Year
Delivery Schedule expected after placement of Purchase order (in Weeks)	: 8 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

Creep testing furnace

It is a custom-made modular furnace with side swivelling door on one face and a clear quartz

- 1) Should have a centrally located uniform heating zone of volume Height x Width x Length = 18cm X 14.5 cm x 20 cm.
- 2) Design as per the Figure 1
- 3) Maximum temperature 1000 °C
- 4) Should have provision to purge Argon
- 5) Should have two axial openings of the same size as 20 x 20 cm for loading in the vertical direction. Lids must be provided for thermal insulation when required
- 6) It should be mountable on a stand which can be moved vertically by a height of 2 ft manually by a convenient mechanism
- 7) A clear transparent quartz window of size 8 cm x 5cm to be provided for samples inside the furnace viewing from the side as shown in figure 1
- 8) Water cooling to be provided if necessary
- 9) Surface of the furnace should not reach above 100 C.
- 10) Swivel door to be provided to seal thermally the large opening 180 mm x 120mm
- 11) The 50-x80 window is the quartz window
- 12) The heating must be from the side wall
- 13) The furnace must be lined with alumina refractories and the furnace metal frame should be thick enough to be able to withstand a load of upto 10 Kgf apart from the weight of the furnace
- 14) The empty space in the furnace must be 180 height x 100 width x 120 length
- 15) A hole will be drilled in the metal casing to introduce the indenter of diameter upto 10 mm
- 16) The temperature of the metal frame must not be more than 50 °C. Thickness of refractory 50mm with lower than 0.2 W/m/K, thermal conductivity. Preferably alumina foam. The Steel sheet used should be 2.5 mm or thicker.

