

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

DEPARTMENT OF CIVIL ENGINEERING

POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)

Phone: (0824) 2474000.

E- mail: info@nitk.ac.in

Fax: (0824) 2474033

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



NOTICE INVITING QUOTATION

Tender Notification No: NITK/DPD/OH-35/2022-23/04

Date: 22/03/2023

Name of Goods	Clip Gauge (CMOD)
Estimated Amount:	INR 2.60 Lakhs(Inclusive of applicable GST)
Time for Supply of item after release of Purchase order	2 Weeks
Document Download / Sale Start Date	22-03-2023, 05.00PM
Clarification Start Date	22-03-2023, 05.00PM
Clarification End Date	25-03-2023, 03.00PM
Bid Submission Start Date	22-03-2023, 05.00PM
Last Date for submission of bids	29-03-2023 before 3.00 PM
Bid Opening Date	On or after 29/03/2023 at 3:00PM
Address for Submission of bids	Head of the Department Department of Civil Engineering NITK, Surathkal Phone No: 0824 247 3041 Contact Person: Dr. Prashanth M H Phone No: 0824 247 3348



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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 : **Clip Gauge (CMOD)**

Brief Specifications of the Item(s)
(Attach Additional Sheet if necessary) : **As per Annexure "A"**

Quantity : **1 No.**

Any other details / requirement : **Installation should be done by the supplier**

Warranty Period required : **3 Years.**

Delivery Schedule expected
after placement of Purchase order
(in Weeks) : **02 Weeks (14 Days)**

**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

Annexure- “A”

Brief Specifications of the Equipment:

- Clip gages are used in a variety of fracture mechanics tests (Compact tension, bend specimens, and other standardized test methods) to determine fracture mechanics parameters such as K_{IC} , J_{IC} , crack growth, R-curve and fatigue crack growth rate (da/dN).
- Clip gages should be useful for measuring the displacements of components and specimens with odd geometries, carrying out elongation studies, and testing pipes, bars and rods.

Features

- May be left on through specimen failure.
- Full bridge, 350-ohm strain gaged design for compatibility with nearly any test system.
- Gage length should be 5 mm, Travel length +3/-1 mm.
- Maximum operating frequency may be 50 Hz.
- Fully enclosed gages are to be protected from accidental damage.
- Sharp grooves are to be as per ASTM E1820, E813, and E399 for improved stability when mounted.
- Clip gauge should be compatible with most any electronics designed for strain gaged based transducers.
- Connectors should be available for most brands of test machine controls.
- Stand-alone signal conditioners to be used with data acquisition boards (DAQ) or chart recorders.
- Should include the Shunt Calibration System for on-site electrical calibration.
- Should include high quality foam lined case.

Detailed Specifications of the Equipment:

Excitation: 5 to 10 VDC recommended, 12 VDC or VAC max.

Output: 2 to 4 mV/V nominal, depending on model.

Linearity: $\leq 0.2\%$ of full-scale measuring range.

Temperature Range: Standard (-ST) is $-40\text{ }^{\circ}\text{C}$ to $+100\text{ }^{\circ}\text{C}$ ($-40\text{ }^{\circ}\text{F}$ to $210\text{ }^{\circ}\text{F}$).

Cable: Integral, ultra-flexible cable, 2.5 m (8 ft) standard.

Operating Force: 9 to 25 N (2 to 6 lbs), depending on model.

Accuracy Class: All standard configurations should meet ASTM E1820, ISO 12135, and ISO 9513 Class 1 requirements for accuracy. A test certificate is to be included. Optional configuration for ASTM E399 should be made available.