

NATIONAL INSTITUTE OF TECHNOLOGY CALICUT

N.I.T. Campus (P.O.), Kerala - 673601,

India Tel.: 0495 228 6155, 6134

EMAIL :purchase@nitc.ac.in

QUOTATION NOTICE

MAIN STORE

Date: 2-09-2026

SEALED QUOTATIONS are invited for the supply of the stores given in Schedule C. **The tenderers are requested to send their quotations (as per the format given in Schedule D) in sealed covers with the quotation reference number and last date for receipt of quotation super scribed.** Wherever indicated, samples may be furnished at the tenderer's expense unless otherwise specified. The tenderers are requested to follow the instructions given in Schedule A. This Institute cannot accept terms and conditions of payment other than the alternative given in Schedule B.

1. Quotation Ref No. **NITC/S&P/S1/612/CED/Plan/EQPT/26-27**
2. Last Date for receipt of Quotation **29-09-2026** Upto (IST) Time **4:00 PM**
3. The quoted rates should be valid up to **4 Months**
4. Address to which quotations are to be sent

**The Assistant Registrar (Store & Purchase),
NIT Calicut, NIT Campus (P.O.) 673 601.**



AR (S&P)

(Signature)
2/9/26

सहायक कुलसचिव (एस & पी)
Assistant Registrar (S & P)
राष्ट्रीय प्रौद्योगिकी संस्थान कलिकट
National Institute of Technology Calicut
केरल - 673601 / Kerala - 673601

To

1.

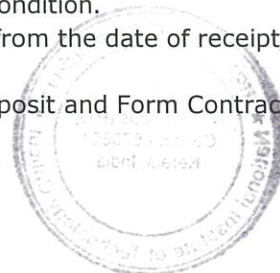
SCHEDULED A - INSTRUCTIONS TO TENDERERS

- (a) Quotations should contain the complete specification and brand names.
- (b) All taxes, packing and forwarding charges (if any) and any other charges should be clearly shown
- (c) Prices quoted should be for delivering at the premises of NIT CALICUT.
- (d) The period within which the items can be supplied on firm order should be clearly mentioned.
- (e) Quotations containing conditions like "subject to prior sale" may not be considered.
- (f) Quotations received after the due date are liable to be rejected.
- (g) An integrity pact should be executed between the buyer and the bidder/vendor for all the contracts.

SCHEDULED B - CONDITIONS OF PAYMENT

One of the following conditions of payment should be accepted if the quotation is to be considered.

- (a) 100% payment after the receipt of the items in good condition.
Normally, complete payment will be made within 45 days from the date of receipt/installation of the items in good condition.
- (b) The supplier shall furnish the Performance Security Deposit and Form Contract as follows:



- (i) Execute a Form of contract as per the Institute's standard format on Govt. of India stamp paper worth Rs.200/-.
- (ii) In case of the value of the supply order above Rs.10,00,000/- with warranty for the item, furnish a performance security deposit@3% of the total cost for the due fulfilment of the contract. This security shall be in the form of DD in favour of the Director, NIT Calicut, payable at SBI, Calicut REC Branch (Code2207) or Bank Guarantee from any nationalised bank/Scheduled commercial Banks valid for a period of sixty days beyond the contractual obligations, including warranty

(c) In case the supplier fails to deposit the required security and execute the contract bond on stamped paper of GOI or Govt. of Kerala (Specimen enclosed) by the due date, the contract is liable to be cancelled without prejudice to taking any further action to recover damages for any loss sustained by THE DIRECTOR as a result of supplier's refusal to abide by the terms of contract

- (a) Invoice number and date
- (b) Customer name
- (c) Customer and taxpayer's GSTIN (if registered)
- (d) Place of supply
- (e) Item details, i.e. description, quantity (number), unit (meter, kg, etc.), total value
- (f) Taxable value and discounts
- (g) Rate and amount of GST tax rates.
- (h) Signature of the supplier.
- (i) PAN number should be indicated.

SCHEDULED C - Technical Specification and Delivery Terms

(See Annexure - I)

SCHEDULED D - Format of Quotations

(For use of the bidder. See note below)

Format of Quotations

Quotation Ref. No.:

Last Date:

Sl.No.	Description of Goods (Attach necessary brochures)	Specification	Qty.	Unit	GST	Other Charges (if any)	Total Cost
GRAND TOTAL							

- We agree to supply the above goods in accordance with the technical specification for a total contract price of Rs. _____ (amount in figures) (Rupees _____ only) (amount in words) within the period specified in the Invitation for Quotations.
- We also confirm that commercial warranty/guarantee of _____ months shall apply to the offered goods from the date of installation/commissioning.
- We undertake that in competing for (and if the award is made to us in executing) the above contract of supply of goods. We will strictly observe the laws against fraud and corruption in force in the Republic of India as required by National Institute of Technology Calicut.

Place:

Date:



Signature of the Bidder

Note:

1. Above tabular form is applicable while bids are being invited for more than one item and will be evaluated for all the items together. Modify the format accordingly where evaluation would be made for each item separately.
2. Quotation should be submitted on the official stationery of the bidder.

Sr. No.	Detailed Description	Approx Quantity	Whether Samples are to be sent
1.	Compression Load Cells (Detailed Specification Attached)	1 Nos.	



supdt

Technical Specification for Compression Load Cells
(Dynamic Compression Force Sensor)

Capacity	200 kN	500 kN	1 MN
Quantity	1	1	1
Sensor Type	Dynamic Compression Force Sensor		
Measurement Principle	Strain Gauge Based		
Rated Output (Sensitivity)	2.0 mV/V		
Relative Zero Signal Deviation %	1 or better		
Accuracy Class	0.5 or better		
Non-Linearity (%FS)	≤0.5		
Hysteresis (%FS)	≤0.5		
Relative Creep (%FS)	≤0.06		
Temperature Coefficient of Sensitivity (%/10°C)	≤0.1		
Repeatability (%FS)	≤0.2	≤0.1	≤0.1
Input Resistance	350–450 Ω		
Output Resistance	280–400 Ω		
Insulation Resistance	>5 GΩ		
Excitation Voltage	0.5–12 V DC or better		
Reference Excitation Voltage	5 V DC		
Connection Type	6-wire shielded cable		
Cable Length	≥6 m		
Operating Temperature	-30°C to +85°C		
Degree of Protection	IP67 or better		
Material	Stainless steel or equivalent		
Safe Overload	≥150% F _{nom}		
Breaking Load	≥200% F _{nom}		
Natural Frequency	≥10 kHz	≥12 kHz	≥6 kHz
Weight in kg	Less than 2	Less than 2	Less than 12
Mechanical Shock Resistance as per IEC 60068-2-6	≥650 m/s ²		
Vibrational stress as per IEC 60068-2-27	150 m/s ² or better		
Calibration Certificate	Mandatory		
Warranty	Minimum 12 months		

Additional Requirements:

1. Three load cells with a maximum capacity of 200 kN (1 No), 500 kN (1 No) and 1 MN (1 No). All three load cells preferably should have a centre hole.
2. Suitable for dynamic and static force measurements in laboratory experiments.
3. Calibration certificate traceable to National/International standards.



[Handwritten signature]

4. Equivalent or superior specifications shall be acceptable.
5. Complete technical data sheet to be submitted with the bid.
6. Compatible with our existing DAQ systems (QuantumX MX840B), and a suitable connector must be provided.

QUALIFICATION REQUIREMENT

Performance certificate

The bidder should have supplied at least one such or similar system at another NIT or IIT in the last 5 years. The performance certificate is mandatory and required to be enclosed with the bid. The details should be incorporated in the performance statement form along with documentary evidence.

Vendor Specifications

A manufacturer/supplier attempting to quote for equipment for which they are not the OEM will be summarily rejected. **No third-party vendors/suppliers other than the Original Equipment manufacturer will be entertained.**

Maintenance and service support of the equipment during and after the warranty period.

The vendor should have a competent, reliable service network in India for quick, necessary repair and maintenance of the equipment. Details of the service support the firm can provide should be included with the quotation. The firm should commit to providing maintenance service and supplying necessary spares for the equipment for at least 15 years after successful delivery and installation. The details provided by the vendor in this regard should be convincing to NIT Calicut. In case NIT Calicut is not convinced with the nature of maintenance and service support to be provided by the vendor, such offers will not be considered.

Installation and commissioning

The firm should take full responsibility for supply, installation and commissioning of the equipment. Installation and commissioning should be carried out at the NIT Calicut and performance of the system demonstrated to the satisfaction of the users/responsible faculty members/committee in-charge at NIT Calicut.

Compliance Verification Requirement

- A. Specifications are the basic essence of the product. It must be ensured that the offer must be strictly as per our specifications. At the same time, it must be kept in mind that merely copying our specifications in the quotation shall not make the parties eligible for consideration. A quotation has to be supported with the printed technical leaflet/literature of the quoted model by the party/manufacturer and the specifications mentioned in the quotation must be reflected/supported by the printed technical leaflet/literature. Therefore, the model quoted must invariably be highlighted in the leaflet/literature enclosed with the quotation. **Non-compliance of the above shall be treated as incomplete/ambiguous and**

the offer can be ignored without giving an opportunity for clarification/negotiation etc. to the quoting party.

- B. The technical bid shall be evaluated for acceptability by the technical committee and may call the tenderers for discussion. If necessary, the committee may modify the technical specification to suit the NIT Calicut requirement. In such a case the opportunity shall be given to the participating bidders to submit the revised bid as per modified specifications, if any.

Operation and maintenance manuals

Operation manuals along with all necessary drawings should be supplied along with the test system. Backup CD/DVD for the application software packages should be supplied, if applicable.

Delivery schedule

The total system should be supplied within 3 months of order.

Contact details:

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