Quotation Notice No: QTRC0925_1

NATIONAL INSTITUTE OF TECHNOLOGY CALICUT

N.I.T. Campus (P.O.), Kerala - 673601, India
Tel. : 04952286101, 109, 115, 116
EMAIL:purchases8_frg@nitc.ac.in

QUOTATION NOTICE

MAIN STORE

Date : 10-November -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 number and last date for receipt of quotation superscribed.** Wherever indicated, samples may be furnished at the tenderer's expense unless otherwise specified. The tenderers are requested to follow the instruction 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.	**RC0925/S8/ECED/FRG PROJECT/EQPT/2026-27**
2. Last Date for receipt of Quotation	**02/12/2026** Up to (IST) Time **5:30 PM**
3. The quoted rates should be valid up to	**3 Month**
4. Address to which quotation are to be sent	**The Director** **Kind attention Section-in charge (Research & Consultancy)** **NIT Calicut** **NIT Calicut (P.O.)** **673 601**

AR (R&C)

10/11/25

To

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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 F.O.R. NIT CAMPUS, CALICUT.
(d) Period within which the items can be supplied of 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 is liable to be rejected.
(g) The Quoted amount should be in INR Only.

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 from the date of receipt of the items.
(b) The supplier shall furnish Performance Security Deposit and Form Contract as follows:

(i) Execute a Form of contract as per Institute standard format on stamped paper of Govt. of Kerala or Govt. India stamped paper worth RS.200/-.

(ii) In case of value of purchase order above one lakh with warranty of the item, furnish a performance security deposit@3% of the Supply Order value for the due fulfillment of the contract. This security shall be in the form of a Bank Guarantee/ FDR in favor of the Director, NIT, Calicut from any scheduled bank 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, contract is liable to be cancelled without prejudice to taking any further action to recover damages for any loss sustained by THE DIRECTOR as 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							

1. 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.

2. We also confirm that commercial warranty/guarantee of _____months shall apply to the offered goods from the date of installation/commissioning.

3. 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.

Signature of the Bidder

lace:
Date:

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. Quotations should be submitted on the official stationery of the bidder)

List of Enclosures: (1) Annexure 1

(2) _____(3) _____

SCHEDULE C :

Sr. No.	Detailed Description	Quantity	Whether Samples are to be sent
1.	Vis-NiR angle resolved spectrometer (Detailed specification attached)	1.00 NO	

TECHNICAL SPECIFICATION

Visible-Range Angle-Resolved Spectrometer (Spectro-Goniometer System)

1. Purpose / Application

Measurement of reflectance, transmittance and emission/scattering spectra of samples in the visible region as a function of the angle of incidence of light, with direct measurement and display of the incidence angle.

2. Spectrometer Unit

Parameter	Requirement
Spectral range	350–800 nm (minimum); extended range of 350–1000 nm preferred
Optical design	Crossed Czerny-Turner or equivalent, with a fixed grating (no moving parts)
Detector	Linear CCD/CMOS array, ≥ 2048 pixels, back-thinned or high-sensitivity
Optical resolution (FWHM)	≤ 1.5 nm (with ≤ 25 µm slit)
Wavelength accuracy	≤ ±0.5 nm
Dynamic range / ADC	≥ 16-bit ADC
Signal-to-noise ratio	≥ 300:1 (single acquisition)
Integration time	1 ms to 10 s or better, user-adjustable
Stray light	< 0.1 %
Input	SMA-905 fibre connector with interchangeable slit
Interface	USB 2.0/3.0, compatible with Windows 10/11

3. Goniometer / Angle Measurement System

Parameter	Requirement
Angular range (incidence angle)	0° to 90° minimum (0°–180° preferred)
Angular resolution	≤ 1°
Angular accuracy	≤ ±1°
Configuration	Independent rotation of sample stage (θ) and detector arm (2θ), either manual with vernier/digital encoder or motorised with computer control
Sample stage	Holds samples up to 50 mm × 50 mm, with height (z) and tilt adjustment
Detector arm radius	≥ 100 mm
Angle readout	Digital display or software readout of the incidence angle

4. Light Source and Optics

Arjun (Arjunan M S)
27/10/26

Parameter	Requirement
Light source	Broadband white light source (tungsten-halogen) with power supply.
Light delivery	Optical fibre (core 400–600 µm) with collimating lens
Accessories	Fibre-coupled collection optics, fibre holders, neutral density filters

5. Software

- Spectrum acquisition, display and storage (ASCII/CSV export)
- Reflectance/transmittance/absorbance computation with dark and reference correction
- Plotting of intensity vs. wavelength and vs. incidence angle
- Free software updates and SDK/drivers (LabVIEW/Python/MATLAB) supplied

6. Accessories to be Supplied

- Calibrated reference standard (white diffuse reflectance standard)
- Fibre cables, mounting posts
- Dark cover/enclosure to reduce stray light
- Power supplies and connecting cables, with user manual

7. Warranty

- Minimum 1 year

Arjunan (Arjunan M.S.)
27/10/26