

NATIONAL INSTITUTE OF TECHNOLOGY CALICUT**N.I.T. Campus (P.O.), Kerala - 673601, India****Tel. : 04952286101, 109, 115, 116****EMAIL: purchases8@nitc.ac.in****QUOTATION NOTICE****MAIN STORE**

Date : 08-September -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. | RC0864/S8/DST-SHRI/CIKS/DP/EQPT/2026-27/QT1 | |
| 2. Last Date for receipt of Quotation | 29-09-2026 | 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 | |



TO (R&C)

Sanguato Day
08/09/26

To

1

SCHEDULED A - INSTRUCTIONS TO TENDERERS

- Quotations should contain the complete specification and brand names.
- All taxes, packing and forwarding charges (if any) and any other charges should be clearly shown
- Prices quoted should be F.O.R. NIT CAMPUS, CALICUT.
- Period within which the items can be supplied of firm order should be clearly mentioned.
- Quotations containing conditions like "subject to prior sale" may not be considered.
- Quotations received after the due date is liable to be rejected.
- 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.

- 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

Page No. 2

Place:

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	Approx. Quantity	Whether Samples are to be sent
1.	Disc Pelletizer (Detailed specification attached)	1.00 NO	

TECHNICAL SPECIFICATIONS FOR LABORATORY DISC PELLETTIZER

Purpose: The disc pelletizer shall be designed to produce artificial aggregates. The equipment shall be suitable for laboratory and pilot-scale research applications requiring controlled pellet formation and uniform aggregate size distribution. The equipment will be used to produce artificial aggregates to comply with the standards below.

1. Pelletizer Characteristics

- Adjustable output size of pellets ranging from 2-20 mm
- Uniformity of pellet size with a variance of less than $\pm 10\%$.
- Capable of preparing normal-weight, heavy-weight, and light-weight aggregates
- Capability to control pellet size through adjustment of disc angle, rotational speed, and water addition rate.
- Facilitate the production of artificial pellet / granular aggregates with varying shapes, including round, spherical, semi-angular, and irregular/angular particles.
- To make irregular or angular aggregates, a special scraper design or a separate extruder, die-press, rotational, or similar mechanism may be provided.

2. Feed materials

- Suitable fine powders (clays, cement, activated carbon, fly ash, or similar low-reactive materials), damp materials, or particulate solids (e.g., iron ore fines, clays)

3. Feeder mechanism and capacity

- Type of feed: Dry, semi-dry, or wet mix
- Batch Capacity: 20 litres or more per batch
- Integrated Feed Loading: Manual top feeding arrangement
- Continuous operation capability preferred for future upgrades

4. Water Spray System

- Automatic water spraying arrangement integrated with the disc pelletizer
- Spray Type: Multi-point fine atomizing nozzle(s)
- Control Method: Programmable timer-based operation
- Adjustable for spray diameter, spray interval, discharge, and flow velocity
- Water Flow Regulation: Adjustable flow control valve
- Water Tank Capacity: Minimum 20 litres
- Uniform spray coverage across the pelletizing zone or direction adjustable to spray a part of the pelletizer
- Able to process feed materials with any moisture content

5. Disc Assembly

- Disc (Pan) Diameter: 800- 1000 mm
- Disc Depth/Side Wall Height: 200 -300 mm
- Disc Material: Mild Steel (MS) with anti-corrosion coating or stainless steel
- Disc Construction: Rigid welded or bolted construction with reinforced support frame

6. Disc Inclination Mechanism

- Adjustable Tilt Angle Range: 35° – 55° or better with $\pm 5^{\circ}$ increment
- Adjustment Method: Mechanical screw jack or handwheel mechanism with locking arrangement
- Angle Indicator: Graduated scale for precise angle setting

7. Operation duration and turnaround Time

- Continuous pelletization for not less than 1 hour without motor overheating
- Time between consecutive pelletizing operations to be less than 15 minutes

- In case the product is down/ not usable during the warranty period, the duration of downtime should be compensated by providing an additional/extended warranty period at no cost from the day of intimation of the issue/defect.

14. General terms and conditions

- As part of the technical evaluation in tendering, NIT Calicut will approach the past end users for feedback. In case of any adverse feedback, the bidder will be technically disqualified.
- As a part of the technical evaluation, the vendors may be called to demonstrate the product by virtual meeting.
- The product should be supplied and commissioned at NIT Calicut at no additional cost, including the air freight, insurance, CIP charges if any, other than mentioned in the financial bid.
- Installation, testing, validation, and training must be completed at NIT Calicut before payment.
- Detailed technical write-up explaining how each of the technical specifications is complied with your product to the given specification, indicating the location in the brochure, datasheet, website, etc.
- A list of multiple Institutions/R&D units/Industries where similar installations have been completed in India/abroad, including the PO copy or performance certificate, along with contact details (name of the person in charge, email, and phone number), is to be provided.
- Quotations/tenders without a proper compliance statement, technical documents and catalogues will be rejected.

For more details and queries, contact

Dr. Sharu B K

Assistant Professor, Mechanical Engineering Department, NIT Calicut

sharubk@nitc.ac.in | +91 82863 50004