TENDER INVITATION NOTICE

Department of Chemistry, University of Kerala, Kariavattom, Thiruvananthapuram-695581

Email: chem12uniker@gmail.com , chemistry@keralauniversity.ac.in

No. DC/ST/Eq/12/2026-27 dated 26/11/2026

Sealed tenders are invited from the authorized dealers for the purchase of **Laboratory Hydraulic Pellet Press** in the **International Inter University Centre for Sensing and Imaging(IIUCIS)**, Department of Chemistry, University of Kerala, Kariavattom, Thiruvananthapuram-695581

Last date of submission of Quotation-11/12/2026

Technical Specifications of Laboratory Hydraulic Pellet Press

The hydraulic pellet press is required for preparing high density, uniform and crack-free pellets from solid powder samples. The system must ensure uniform force distribution to fabricate mechanically stable pellets of prescribed thickness, which is reliable for low-temperature optical or electrical characterization inside a cryostat.

Sl.No.	Description	Specification
1.	**Pressing system**	Manual hydraulic
2.	**Maximum load capacity**	25 ton
3.	**Pressure range**	1-25 ton (10–250 kN)
4.	**Pressure Indication**	Analog pressure gauge
5.	**Pressure control**	Fine pressure regulation valve
6.	**Compatible die size**	13mm
7.	**Additional Die size**	15 mm, 20 mm, 25 mm
8..	**Die set requirement**	Two stainless steel die sets
9.	**Pellet thickness range**	1-10 mm
10.	**Pellet uniformity**	High-density, crack-free pellets
11.	**Surface finish**	Corrosion-resistant coating
12.	**Mounting**	Bench top / Floor-mounted
13.	**Die ejection tool**	Provided
14.	**Warranty**	Minimum 5 years

*Sealed tenders should reach **The Coordinator, International Inter University Centre for Sensing and Imaging,** Department of Chemistry, University of Kerala, Kariavattom, Thiruvananthapuram-695581 on or before 03/12/2026.

The cost of tender form and EMD(Earnest Money Deposit) should be submitted as Demand Draft(DD) issued from a Nationalised & Scheduled Commercial Bank, drawn in favour of the Assistant Professor and Head, Department of Chemistry payable at SBI, Kariavattom Campus(IFSC code SBIN0070043).

Cost of Tender Form	INR 708/-

Earnest Money Deposit	INR 3000/-

The cost of tender form will not be refunded and the separate DD towards the cost of the tender form and the EMD should be submitted. The compliance statement should be submitted that includes all parameters in specification, as detailed in Tender Document.

General Terms and Conditions:

1. Quotes should be inclusive of cost, freight, taxes etc. and should be delivered at the **International Inter University Centre for Sensing and Imaging,** Department of Chemistry, University of Kerala, Kariavattom.
2. Incomplete & conditional quotations and quotations received after the due date will be summarily rejected without assigning any reasons thereof.
3. The undersigned reserves the right to reject or accept the quotation without assigning any reason.
4. **Installation and Commissioning**: The items shall be installed and commissioned at the **International Inter University Centre for Sensing and Imaging,** Department of Chemistry, University of Kerala, Kariavattom Campus. The supplier should bear all incidental expenses.
5. **Payment:** The University will release the payment only after inspecting the equipment and satisfy that the supply is as per the requirements. The payment will be made after successful completion of the supply and producing invoice in duplicate.
6. **Validity of tender**: Tender submitted shall remain valid at least for 90 days from the date of opening the tender. Validity beyond three months from the date of opening of the tender shall be by mutual consent.
7. The model number, make, and a printed literature of the product shall submit positively.
8. A signed compliance matrix (on specifications and conditions) should be submitted along with the quote.
9. In case of the dispute arises; the decision of University authority shall be final and binding on bidders.
10. General rules relating to the purchase of materials/equipment will also applicable to this quotation.
11. Those who are interested should send their **bid along with the Tender document (sealed and signed in each page), separate DD towards the cost of the tender form and the EMD, Compliance statement and the technical specification/brochure** in a sealed cover superscribed with **"Tender for Ref. No: (……) Equipment Name: (……..)"** and addressed to **The Coordinator, International Inter University Centre for Sensing and Imaging, Department of Chemistry, University of Kerala, Kariavattom Campus, Thiruvananthapuram-695581, Kerala** on or before **11/12/2026. The tenders will be opened at the Department of Chemistry at 3.30 PM on the same day in the presence of vendors then present.**

Coordinator
International Inter University Centre
for Sensing and Imaging,
Department of Chemistry
University of Kerala