

COLLEGE OF ENGINEERING TRIVANDRUM
Thiruvananthapuram -16

NOTICE INVITING TENDER

No. CET/1278/2026-P5

25-09-2026

Tender ID	2026_DTE_869628_1
Tender No:	82/P5/PDDC/26/CET
Superscription	Purchase of various components in PDDC Centre. (Pre Bid Discussion required)
Last date and time of receipt of tender on the website (www.etenders.kerala.gov.in)	12/10/2026 3 pm
Date and time of opening of tender	15/10/2026 3PM
Date up to which the rates are to be firm	09/042026
Tender Fee	₹472/-(400 + 18 % GST) Rs.400/- should be paid to E Tender Site but GST amount of Rs. 72/- should be paid to GST department directly by the bidder)
EMD required	₹ 1947/-

Detailed Specification

Item	Component	Material / Specification	Qty
1	MS Square Tube	40×40×3 mm	50 kg
2	MS Plate	8–10 mm	80 kg
3	Build Plate/Bed	MS 10–15 mm	1
4	V Slot NEMA 17 Linear Actuator (Lead Screw)		1
5	C Beam X Large X/Y	1	1

	Table		
6	Arduino UNO + CNC Shield + A4988 Kit	1	3
7	24V 15A 360W Switching Power Supply	10–15 A	1
8	Endstop Limit Switches (with cable)	Mechanical	3
9	Electrical Enclosure	Metal	1
10	Cable Drag Chain	Plastic	2
11	MIG Welding Machine	200–250 A	1
12	Welding Wire	ER70S-6	2
13	Gas Cylinder	CO ₂ / Ar-CO ₂	1
14	Gas Regulator	Compatible	1
15	Fasteners	M8/M10 bolts, washers, and lock nuts	As Required
16	Fabrication	Cutting/Welding	
17	Miscellaneous		As Required

General Terms&Conditions

1. The unit price, all other charges such as delivery, transporting, packing, shipping, loading and unloading charges etc, and GST must be shown separately and should be furnished unambiguously.
2. Payment: 100 % after successful supply, installation, and satisfactory performance.
3. Agreement as per NIT 2 in Rs.220/- Kerala Stamp Paper and tender form should be uploaded.
4. 5% security deposit along with agreement should be furnished in Rs.220/- Kerala Stamp Paper within a month/fortnight from the date of receipt of supply order.
5. Date of opening of tender : In case the proposed date declared as holiday, the tender will be opened on the next working day.
6. Only GST registered firms can participate in the Tender. GST number must be mentioned. The firm under composition scheme must mention the words "Composition taxable person" in their documents and should submit proof for that.
7. The company should conduct a **Pre-Bid Technical Discussion** .Contact Details : 94475 25215 (Joy Varghese).

8. Special terms & Conditions attached.
9. The tender inviting Authority has the right to cancel the tender at any stage of the tender.

Digitally signed by
JOSEPH ZACHARIAS
Date: 25-09-2026
08:45:42

Special Terms & Conditions

1. Mandatory Pre-Bid Technical Discussion

The bidder shall mandatorily visit the Department of Mechanical Engineering, College of Engineering Trivandrum, and attend a technical discussion with the Principal Investigator before submitting the quotation. A **Pre-Bid Technical Discussion**, duly signed by the Principal Investigator, shall be enclosed with the quotation. Quotations submitted without this certificate are liable to be rejected.

2. Delivery Period

The complete system shall be designed, fabricated, tested, commissioned, and handed over within **90 calendar days** from the date of issue of the Purchase Order.

3. Approval of Materials

Before procurement of any major material, equipment, component, or bought-out item, the contractor shall submit the proposed make, model, specifications, and catalogue for approval by the Principal Investigator. Procurement shall commence only after obtaining approval from Principal Investigator.

4. Method Statement

Within **7 days** from the date of Purchase Order, the successful bidder shall submit a detailed Method Statement/Execution Plan describing the fabrication methodology, sequence of work, inspection procedures, testing methodology, safety precautions, quality control measures, and delivery schedule for approval before commencement of fabrication.

5. Inspection During Fabrication

Principal Investigator or authorized representative shall have the right to inspect the work at any stage of fabrication. The contractor shall provide all necessary access for inspection.

6. Final Testing & Commissioning

The contractor shall install, test, commission, calibrate (where applicable), and demonstrate satisfactory operation of the complete system at the Department.

7. Documentation

The contractor shall submit the following along with the equipment:

- Operation Manual
- Electrical Wiring Diagram
- Assembly Drawings

8. Completion Certificate

The work shall be considered complete only after successful installation, testing, demonstration, submission of all documents, and issuance of a Completion Certificate by the Principal Investigator.

8. Intellectual Property Rights (IPR) Policy

All intellectual property rights arising from the activities undertaken as part of this project, including but not limited to patents, designs, databases, and know-how, shall be jointly owned by the Institution and the Principal Investigator, in accordance with the Institution's IPR Policy and applicable laws. The company engaged to carry out the work shall have no ownership, title, or other intellectual property rights over any such intellectual property unless expressly provided through a separate written agreement executed by the Institution and the Principal Investigator.