

**College of Engineering Trivandrum,
Thiruvananthapuram -16**

No.CET/1973/2025-P4

08-01-2026

NOTICE INVITING TENDER

Tender ID	2025_DTE_822525_1
Tender No.	54/P4/workstation/25/CET
Superscription	Purchase of Work Station with Intel Xeon 2245 Processor
Last date and time of receipt of tender on the website (www.etenders.gov.in)	30.01.2026 3 PM
Date and time of opening of tender	31.01.2026 2 PM
Date upto which the rates are to be firm	01.07.2026
Tender Cost	₹1180/- (1000 should be paid to the Department and ₹180/- should be paid to GST Department by bidder)
EMD required	₹4550/-
Address of the officer to whom hardcopy is to be send.	THE PRINCIPAL, COLLEGE OF ENGINEERING TRIVANDRUM, THIRUVANANTHAPURAM-695016, KERALA GSTIN :32AAAGC0358L1ZP
Contact No.	Mob.9847240050
Specifications	Attached as Annexure

General 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 the successful supply, installation, and satisfactory performance.
- 3) Delivery Period: Within 3 weeks from the date of receipt of supply order.
- 4) FOR: Purchase of Workstation Model with higher processor Intel Xeon W5-2455.
- 5) Warranty: 3 years
- 6) Agreements as per NIT 2 in Rs.220/- Kerala Stamp Paper and tender form should be uploaded.
- 7) 5% security deposit along with agreement should be furnished within a month/fortnight from the date of receipt of supply order.
- 8) Date of opening of tender: In case the proposed date declared is holiday, the tender will be opened on the next working day.

9) 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.

10) GST - 18%

11) Hard Copy of Tender documents not required.

12) The Tender procedure will be made as per Rules mentioned in the Revised Store Purchase Manual.

13) The bidders should participate this tender through E-Tendering System. Tender cost and EMD should be submitted only through online.

14) The bidder should submit the Manufactures Authorization Letter (MAF) along with the BID.

15) The bidder should submit the Technical Compliance along with the BID (adequate documents must be attached).

Detailed Specifications

SI No	Item	Quantity
1	Workstation -Intel Xeon W5-2455X 4.40 GHz, 30MB L3 cache, 12 Core Processor or higher, 64 GB DDR5 4800 DIMM ECC, 1TB M.2 SSD + 2TB 7200RPM SATA HDD, NVIDIA RTX A4000 16 GB GDDR6 dedicated graphics, Integrated Realtech Audio, DVDRW, USB keyboard & mouse, Microsoft Windows 11 Pro pre-installed, 19.5" LED Monitor, OEM Warranty - 3/3/3 years Detailed specifications attached as Annexure I.	1

Additional terms and conditions for OEM

1. Drivers should be available in the public domain.
2. A declaration letter from OEM that certifies the installation of the factory-preloaded genuine OS.
3. OEM should have the MIL-STD-810 test report for the quoted model.
- 4.

The OEM of workstations should be in the top 3 vendors as per the latest IDC India report for commercial workstations.

5.

OEM must have a dedicated/ toll-free telephone No. and an online portal for Service Support. The Service Escalation Matrix must be part of the Bid Submission.

6.

The OEM brand must have a minimum of 5 years' experience in providing service and support to any Government organization, and the work completion certificate should be attached.

7.

A declaration letter from OEM stating that "the certificates of warranty should be confirmed by OEM"

Tender - Eligibility Criteria

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The bidder should be a registered Company in India and have existed for the past ten years in India.

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The bidder should have a valid GST registration in Kerala and should have a minimum of 5 years of experience.

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The bidder should have a Direct Office & Service Centre in Kerala. Proof of this must be submitted.

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The Bidder should be an authorized Partner of the respective OEMs. The bidder should submit an authorization letter (Manufacturer's Authorisation Letter (MAF)) from the respective OEMs.

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The bidder should not have been blacklisted from any of the government or public sector undertakings in India.

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Bidders' complete address and contact details should be furnished.

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The bidder should specify the part number with a detailed description of each item quoted.

- The bidder should submit the Technical Compliance along with the BID (adequate documents must be attached).
- If essential details mentioned in the tender criteria are not provided (especially authorization letter from respective OEMs, the part number with detailed description of the product quoted etc), no further communication will not be done with the bidder, and the bid will be rejected.

Terms & Conditions

1. Prices : For the destination, including loading, unloading and transportation
2. GST : Inclusive
3. Delivery : Within 8 weeks
4. Validity : Minimum 6 months from the quotation opening date.
5. Warranty : 3 Year
6. Payment : 100% against delivery and installation

Annexure-I

Sl. No.	Features	Qualifying Minimum Requirements
1	Processor	Intel Xeon W5-2455X, up to 4.4 GHz with Intel Turbo Boost Technology, 30 MB L3 cache, 12 cores, 24 threads or higher
2	Chipset	Intel W790 or higher (must be compatible with the Processor)
3	RAM	64 GB memory DDR5-4800 ECC; Total 8 DIMM Slots, upgrade up to 512

		GB
4	BIOS	BIOS of the Workstation to have tool for enhanced security features like self-healing and regular checks.
5	Hard Disk	1 TB Gen4 TLC M.2 SSD, 2 TB 7200 rpm SATA HDD or better
6	Optical Drive	9.5mm Slim SuperMulti DVD Writer
7	Graphics Card	Nvidia RTX A4000, 16 GB GDDR6 Dedicated ADP or better
8	Bays	External: Two NVMe M.2 SSD; Two 3.5" HDD; Two 9.5 mm ODD Internal: One 3.5"; Four PCIe® M.2 SSD; Three 3.5" HDD Or better
9	Slots	4 USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo 1 PCIe 5 x16; 2 PCIe 4 x16; 2 PCIe 4 x4 1 RJ-45; 1 audio-in/out All PCI Express slots should be open-ended. Or better
10	Security	Optional BIOS-controlled electro-mechanical internal chassis lock for the system.
11	Ports	Front: 4 x SuperSpeed USB Type-A 5 Gbps, 1 x Headphone/ microphone combo or better Rear: 6 x SuperSpeed USB Type-A 5Gbps Signaling Rate , 1 x RJ-45 Integrated LAN Port (Integrated Intel I219-LM GbE), 1 x Audio Line-In / Out, 1 x 10GBase-T or better
12	Keyboard and Mouse	Minimum 104-key USB Keyboard and USB Optical Scroll mouse - Same make as that of the workstation
13	Monitor	19.5" LED monitor - Same make as that of the workstation
14	Audio	Realtek ALC3205-CG or better
15	Power Supply	525 W internal power supply, up to 90% efficiency, active PFC; 1125 W, internal power supply, up to 90% efficiency, active PFC; 775 W internal power supply, up to 90% efficiency, active PFC or better
16	Chassis	Tool-less chassis with easy access. Provision for Kensington lock and Panel lock required. Integrated handles on the chassis. System should be rack-mountable
17	Operating System	Windows 11 Pro 64. System should be certified for Red Hat® Enterprise Linux® Desktop 8 or higher, SUSE Linux® Enterprise Desktop 15 or Higher, Ubuntu 22.04 LTS or Higher
		1. The hardware vendor should supply an automatic system performance

18	<p>tuning and monitoring software on Windows.</p> <p>2. The tuning software should have modules for resource monitoring over a long period of time, and should be capable of showing GPU utilization (GPU, Graphics memory and Codec activity) for both Graphics and GPU Compute cards.</p> <p>3. A complete Offline Diagnostics and Asset Discovery software suite should be supplied along with the system.</p>
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