

Kurseong College

16/04/2025

Notice Inviting e-Tender- 2025_DHE_836293_1

E-Tenders are invited from reputed Vendors for supply and installation of the equipments as prescribed below in the Kurseong College, Kurseong, Darjeeling - 734203. For details please visit <https://wbtenders.gov.in>

HP Z4 TWR G5 FURY WORKSTATION

CPU

- **Model:** Intel® Xeon® W5-2545
- **Cores/Threads:** 12 Cores / 24 Threads
- **Base Frequency:** 3.5 GHz or higher
- **Max Turbo Frequency:** Up to 4.7 GHz with Intel® Turbo Boost Technology
- **L3 Cache:** 30 MB
- **Architecture:** Intel® Sapphire Rapids (4th Gen Xeon)

Chipset

- **Required:** Intel W790 chipset or higher
- **Compatibility:** Must be compatible with CPU and memory architecture

Operating System

- **OS:** UBUNTU LINUX
- **Installation Location:** Pre-installed on Primary M.2 SSD

Memory (RAM)

- **Total Capacity:** 128 GB
- **Type:** DDR5 ECC Registered (RDIMM)
- **Configuration:** 4 × 32 GB to utilize all 4 memory channels
- **Speed:** 4800 MHz or higher

Primary Storage (SSD)

- **Capacity:** 1 TB
- **Form Factor:** M.2 2280
- **Interface:** PCIe Gen 4 ×4 NVMe
- **Technology:** TLC NAND (Z-Turbo or equivalent)

Secondary Storage (HDD)

- **Capacity:** 2 TB 7200 RPM SATA

Graphics Card

- **Model:** NVIDIA 4GB or higher
- **Display Outputs:** Mini Display Port (include DP to DP Adapter)

Audio

- **Audio Codec:** Realtek ALC3205-CG or equivalent

Networking & Connectivity

- **LAN:** Integrated Gigabit Ethernet (RJ-45)

- **Wi-Fi:** Inbuilt Wi-Fi device (802.11ac or higher)

Optical Drive

- Not required

Input Devices

- **Keyboard:** HP USB 320K Keyboard or equivalent
- **Mouse:** HP Wired 320M Mouse or equivalent

Power Supply & Cooling

- **PSU:** High-efficiency power supply unit, minimum 1000W recommended
- **Cooling:** High-performance cooling solution compatible with selected CPU

Display Monitor

- **Monitor Size:** 27" LED IPS Display
- **Resolution:** Full HD (1920×1080) or higher

Warranty

- **Service Coverage:** 4 years parts / 4 years labor / 4 years onsite (4/4/4)
- **OEM Support:** Must be registered and covered by HP or OEM warranty in the name of the purchasing institution

Compliance & Software Requirements

- **Usage:** System must support scientific computing software
- **Toolkits:** System must support installation of Intel oneAPI Toolkits (Base + HPC)

Vendor Eligibility & Qualification Criteria**Authorization & Registration:**

- Must be an authorized HP distributor.
- Valid authorization certificate from HP to be submitted.
- Must provide Company PAN, GST Registration.

Delivery & Support:

- Onsite delivery and installation within 2–4 weeks of purchase order
- Technical support for installation and warranty registration
- Warranty to be registered post-installation and proof to be submitted

Principal

Kurseong College