

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**  
**Department of Chemical Engineering**

Enquiry No.: IITK/CHE/NT/2016-2017/01

Opening Date: 29/07/2016

Closing Date: 16/08/2016

**Sub.: Purchase of 1 workstation**

We are interested in purchase of 1 workstation with each having following configurations. Our organization is an educational institute of the repute and liable to get education discount from manufacturer, please specify it, separately. Please send sealed quotation, to undersigned, for the same.

Item	Description
Model / Make	Precision 7810 / DELL
Processor	Dual Intel Xeon E5-2630v3 series processor (8C HT, 20MB Cache, 2.4GHz Turbo)
Chipset	Intel® C612Chipset
Memory	32GB(4*8GB) DDR4 2133MHz ECC RDIMM expandable up to 256GB with 99% uptime
Operating System	Windows 10 Pro 64 bit
Hard Drive	3.5 inch 2TB SATA 7.2k RPM HDD
Storage Controller	Integrated: Intel AHCI 6Gb/s SATA controller with six ports at 6Gb/s, two reserved for optical drives
Graphic Card	1GB nVidia NVS 315 (DMS59) (DMS59-dual DVI adapter)
Gigabit Network Port	Intel Gigabit Ethernet controllers with Remote Wake UP, PXE and Jumbo frames support
EXTERNAL PORTS/CONNECTORS	Front : 3 USB 2.0, 1 USB 3.0, 1 Microphone, 1 Headphone, Rear: 3 USB 2.0, 3 USB 3.0, 1 Serial, 2 PS2, 1 RJ45 (intel Gigabit Ethernet)
Optical Drive	16x or higher DVD+/-RW
EXPANSION SLOTS	Two PCIe x16 Gen 3, one PCIe x 16 Gen 3 wired x8 (half length); one PCIe x4 Gen 2; one PCIe x1 Gen 2, one PCI 32bit/33MHz
Keyboard & Mouse	USB Optical Mouse/ <b>QuietKey</b> USB Keyboard (Same make as workstation)
Form Factor / Chassis	Mini-tower with tool-less entry and maintenance with tool free disk mounting and tool free PCI card installation features , chassis should have integrated chassis handles
Security	Trusted Platform Module (TPM 1.2); Intrusion switch; Setup/BIOS Password; I/O Interface Security; Kensington® lock slot, Padlock ring, Internal bezel lock; lockable power supply
Power Supply	Externally accessible, tool-less power supply, 80 Plus gold certified, 90% efficient; (685W or higher)

Bays	One external slimline optical bay, two internal 3.5" hard drive bays; one external 5.25" bay
Software	The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning for leading CAD/CAM/CAE
Warranty	3 years comprehensive onsite Next Business day

**Note:**

1. Supplier should attach the authorization letter from the manufacturer
2. Technical and financial details should be in separate envelope. In the document for technical bid, mention in tabular form the compliance to each of the above specifications.
3. All quotations must reach undersigned on or before 16/08/2016 at 1500 hrs.
4. Quotation must be valid for 90 days.
5. Delivery period should not be more than **8 weeks**.
6. IITK is exempted from excise/custom duty.
7. Send complete detail of the product(s).
8. Warranty/Guarantee should be clearly mentioned.
9. Payment terms will be as per IIT Kanpur rules.
10. The rate quoted should be inclusive of sales tax and other taxes including freight charges (if any).
11. All prices are to be FOR IIT Kanpur.
12. The Institute reserves the right of accepting or rejecting any quotations without assigning any reason thereof.

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