

# Indian Institute of Technology Kanpur

## Department of Electrical Engineering

Enquiry No: IITK/EE/GR/2017/2

Enquiry Date: 10/02/2017

Closing Date: 19/02/2017

Sealed quotations are invited for workstations. The specifications are given on the next page.

### Terms and Conditions

1. A single quote should be made with financial and technical specifications. The sealed envelopes with the quote should be superscribed with the inquiry number.
2. Manufacturer's specification sheet/brochure must be enclosed as a proof of technical specifications.
3. Quotes should have a minimum validity of 60 days.
4. Maximum educational discounts should be applied. This equipment will be used in a laboratory that will support research as well as teach and train students.
5. The delivery period and warranty should be specifically stated.
6. Delivery period should not be more than 4 weeks and delivery should be at IIT Kanpur.
7. The bidder must be authorized by the manufacturer or OEM to supply, install and maintain the system. Specific authorization by the manufacturer for participating in this tender has to be enclosed with the bid.
8. The price should include delivery, taxes and other charges. All prices are to be for IIT Kanpur.
9. Supplier must have office/ branch in Kanpur and single point of contact in Kanpur for any service related issues.
10. Reporting time for local person should not be more than 2 hours. Resolving time should not be more than 2 business days.
11. Standard Payments terms: 90% on installation and 10% after inspection.
12. The indenter/institute reserves the right to cancel the tender without any reasons. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.

Address quotations to

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## Workstation 1

S.No	Feature	Specification
1	Form Factor	Tower
2	Make	Lenovo Thinkstation
3	Processor	Intel Xeon E5-1660 v4
4	Processor features	Eight cores, Clock frequency 3.2GHz, Cache 20MB, 140 W
5	Chipset	Intel C612
6	Memory Slots	8 DIMM Slots, 4-channel capable, RDIMM, ECC, DDR4-2400 expandable up to 256 GB
7	Memory	160 GB (5 × 32 GB) DDR4-2400 ECC RAM
8	Graphics	Nvidia Quadro M5000 with 8 GB GPU memory
9	Hard Disks (HDD)	4 TB (1 × 4 TB), 3.5 inch, 7200 rpm, SATA6Gbs
10	Internal Solid State Drive	256 GB SATA 2.5 inch SSD
11	Drive Controller	Integrated SATA 6.0 Gb/s with RAID 0, 1 support
12	Optical Drive	1 x Multi DVD Writer
13	Audio	Integrated Realtek codec
14	Network interfaces	Integrated Intel 1218LM PCIe Gb Ethernet
15	Ports and Connectors	Front: Four USB 3.0, Back: Two USB 2.0, Four USB 3.0, one ethernet (RJ-45), PS/2
16	Power Supply	1 × 700 W, 90%efficient, wide-ranging active PFC
17	Expansion slots	2 PCIe Gen3 X 16, 1 PCIe Gen3 x8 (open-ended), 1 PCIe Gen2 x4 (open-ended), 1 PCIe Gen2 X 1(open - ended), 1 PCI (32 bit)
18	Operating System	No OS/Linux
19	Display	23 inches LED Monitor
20	Input Device	USB Keyboard and USB Mouse
21	Warranty	3 Years Parts, 3 Years Labor, and 3 Years Onsite Service.

## Workstation 2

S.No	Feature	Specification
1	Form Factor	Tower
2	Make	Lenovo Thinkstation
3	Processor	Intel Xeon E3-1240 v5
4	Processor features	Four cores, Clock frequency 3.5GHz, Cache 8MB
5	Chipset	Intel C236
6	Memory Slots	4 DIMM Slots
7	Memory	64 GB (4 × 16 GB) DDR4-2133 ECC
8	Graphics	Nvidia Quadro M2000 with 4 GB GPU memory
9	Hard Disks (HDD)	8 TB (2 × 4 TB), 3.5 inch, 7200 rpm, SATA6Gbs
10	Internal Solid State Drive	128 GB SATA 2.5 inch SSD
11	Drive Controller	Integrated SATA 6.0 Gb/s with RAID 0, 1 support
12	Optical Drive	1 x Multi DVD Writer
13	Audio	Integrated Realtek codec
14	Network Interface	Integrated Intel 1219LM PCIe GbE
15	Ports and Connectors	Front : 2 USB 3.0 , 2 USB 2.0 , (1charging), Back : 4 USB 3.0 , 2 USB 2.0 , 1 Serial , 2 PS/2, 1 RJ-45, Internal : 1 USB 3.0, 2 USB 2.0
16	Power Supply	1 × 400 W, 92%efficient, wide-ranging active PFC
17	Expansion slots	1 PCIe Gen3 X 16, 1 PCIe Gen3 x4 (4x connector), 1 PCIe Gen3 x4 (x16 connector) , 1 PCIe Gen3 X 1, 1 PCI (32 bit), 1M.2 PCIe Gen3 x4
18	Operating System	No OS/Linux
19	Display	21 inches LED Monitor
20	Input Device	USB Keyboard and USB Mouse
21	Warranty	3 Years Parts, 3 Years Labor, and 3 Years Onsite Service.