

Tender Document for the Purchase of Computer Workstation:

Enquiry No: IITK/CHE/2022/VA001 (revised)

Bid Start Date: 17th June, 2022

Bid End Date: 27th June, 2022

Sealed quotations are invited for computer workstations with the specifications mentioned below. **Technical as well as commercial quotations must be sent separately in properly sealed envelopes to the address mentioned below before 5:00pm of the due date.** Quotations received after that time or in nonsealed envelopes will not be considered. Terms and conditions as well as detailed specifications are given below. The financial quotation for computer workstation should be made on a per workstation basis. The actual number of computer workstations to be bought may vary depending on our requirement at that time. Please contact us in case of doubts/clarifications.

Contact Details:

Dr. Vishal Agarwal
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Workstation Required: 4 Nos.

Technical Specifications

Sl. No.	Features	Qualifying Minimum Requirements
1	Processor	Intel XeonW-2255 3.7GHz 10C 165W
2	Chipset	Intel C422
3	RAM	128GB (4x32GB) DDR4 2933 ECC memory; Total 8 DIMM Slots
4	Drive Controllers	Onboard 6-Channel SATA @ 6Gbps (RAID 0,1,5,10)
5	Hard Disk	512GB M.2 2280 PCIe NVMe TLC SSD, Option for future expansion of additional up to 4 SATA Hard drives.
6	Optical Drive	No ODD
7	Graphics Card	NVIDIA Qdr T400 2GB 4mDP Graphics.
9	Bays	2 x External 5.25" 2 x Internal 3.5" 2x M.2 PCIe x4 Gen3 Slot for SSDs Slim Optical Drive bay

10	Slots	<p>2 x PCIe x16 Gen3 1 x PCIe x8 Gen3 2 x PCIe x4 Gen3</p> <p>All PCI Express slots should be open-ended.</p>
11	Security	<p>BIOS controlled electro-mechanical internal chassis lock for the system.</p>
12	Ports	<p>Front: 4 USB 3.1, 1 Headphone, 1 Microphone Rear: 4 USB 3.1, 2x RJ-45 integrated Gigabit LAN (1x supporting Intel AMT), 2 PS/2, 1 Audio Line-In, 1 Audio Line-Out, 1 Microphone</p>
13	Keyboard and Mouse	<p>Minimum 104 keys USB Keyboard and USB Optical Scroll mouse</p>
16	Power Supply	<p>Minimum 750W, active Power Factor Correction, 90% Efficient Power supply</p> <p>Power supply should support standalone self test.</p>
17	Chassis	<p>Tool less chassis with easy access. Provision for Kensington lock and Panel lock required. Integrated handles on the chassis. System should be rack-mountable</p>
18	Operating System	<p>Linux ready System should be certified for running RHEL and SLED.</p>
19	Remote Collaboration Software	<p>Hardware or Software based Remote Collaboration system which can help remotely access 3D data across network has to be supplied with the system.</p> <ul style="list-style-type: none"> - It should allow collaboration between multiple participants on an OpenGL 3D or DirectX applications. - It should support One to One for remote work and One to many for collaboration with keyboard and mouse control. - Application should be stateless and should not transfer actual data over the network. - Pixel information or images should be 128 SSL encrypted. - Should work on both Linux and Windows, and should be inter-operable.
20	Additional Software	<ol style="list-style-type: none"> 1. The hardware vendor should supply an automatic system performance tuning and monitoring software on Windows. 2. The tuning software should have modules for resource monitoring over a long period of time, and should be capable of showing GPU utilisation (GPU, Graphics memory and Codec activity) for both Graphics and GPU Compute cards.

		3. A complete Offline Diagnostics and Asset Discovery software suite should be supplied along with the system.
21	Warranty	3 years onsite parts and labor warranty for system and monitor
22	Vendor Status	The hardware vendor should be a reputed concern, having global presence in multiple countries. Vendor should have ISO certifications.
23	Dust Filter	OEM should provide serviceable dust filter for avoid workstation failures due to dust and it should be connected into the Bazel

Terms and Conditions:

1. Please send complete technical detail of the product. Installation of hardware & software done by supplier. The suppliers, who have local stationed engineers, may be given preference.
2. Payments terms: As per IIT Kanpur Norms.
3. Warranty: 3 years on site service warranty (24x7).
4. The bidder should be either OEM or his authorized dealer/distributor having its registered office in Kanpur to provide sales, 24x7 support.
5. The Bidder should submit case specific Manufacturer's Authorization Format along with the bid for each of the products quoted. Bids not accompanied by valid OEM MAF shall be rejected.
6. 'Make in India' clause as per government of India specifications.
7. Equivalent (or better) hardware/software can be allowed at the discretion of IIT Kanpur. However, in such cases, the bidder must provide sufficient justification for the deviation from the specifications given here.
8. Terms and conditions should be clearly mentioned in the technical bid. The deviations should be clearly stated with proper justifications with the signature of the responsible person.
9. IIT Kanpur has the right to accept the whole or any part of the tender or portion of the quantity offered or reject it in full without assigning any reason.
10. Upon request, the bidder must provide contact details of incharges at atleast five laboratories in centrally funded technological institutes such as IITs, NITs where they have supplied an identical system. Bid may be disqualified if a positive feedback is not received from some/all of the provided contacts.
11. *Maximum educational discount should be offered and mentioned.*
12. Quotations should be valid for a minimum period of 3 months.