

## Tender Document

Dean of Academic Affairs  
Indian Institute of Technology Kanpur  
Kanpur (UP) 208016 India

**Enquiry date: June 20, 2022**

**Enquiry No: IITK/DOAA/2022/02**

**Revised End date: July 10, 2022**

Online quotations are invited for “Video Storage Server”. The detailed specification of the same is described below.

### **Officer-Incharge-II**

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### **Video Storage Server**

Technical Specification of Server (Please mention the exact details about the proposed product in bid parameters. **Do not just write Yes, complied or do not make verbatim copy of the asked specification. It may lead to rejection of the bid.** Attach product data sheet for each of the parameters (preferably highlighted)).

<b>Qty -1</b>	
<b>Processor(s)</b>	1 x Intel® Xeon® W-1270 Processor, 3.40 GHz, 16 MB Intel® Smart Cache, Core 8
<b>Chipset</b>	Intel® W400 series Chipset or better
<b>RAM</b>	64GB (2 x 32GB) DDR4-2666 ECC RDIMM/LRDIMM (Max 128GB, at least 4 DIMMs or better)
<b>SSD</b>	6 x 4TB SATA 2.5 inch SSD
<b>HDD Bays</b>	8 HDD/SSD Drive bays supporting HDD and SSDs ,
<b>RAID</b>	Hardware SAS3 Raid controller with 1Gb Cache and RAID 0, 1,5,6,10 Supported
<b>Nvme Bays</b>	2 x Nvme bays is available via On Board.
<b>NIC</b>	1 x 1G LANports or higher thru AOC or thru on board controller
<b>Audio</b>	High Definition 7.1 HD Audio (on board thru HD controller)
<b>Exp Slots(s)</b>	1 x PCI-E 3.0 x16 slots , 1 x PCI-E 3.0 x4
<b>Ports</b>	At least 4 USB 3.0 Ports (at least 2 in front) , 1 x DP/HDMI ,
<b>Diagnostics</b>	Thru Power, HDD , Network and System Info LEDs
<b>Monitoring</b>	Out of band system health monitoring thru integrated IPMI controller on board
<b>Chassis</b>	Tower form factor ,System with Air Cooling Technology with optimized acoustics and auto controlled heat emission.
<b>P. Supply</b>	High Efficient <b>500W 80Plus</b> or higher power supply
<b>OS</b>	UBuntu 64 bit Preloaded

<b>Job Scheduling Utility License</b>	Unified system management/monitoring toolset for configuration, diagnosis and management of the system. Toolset/Manager must be capable of supporting package and image based provisioning, intuitive web interface for managing and customize the node, And tool set with provisioning, monitoring, and reporting capabilities. With JOB scheduling capabilities on single node for CLI and GUI based end user applications. S/W utility must be from the H/W OEM and not from a third party vendor. Product datasheet with demonstration details must be attached with bid
<b>System utility with AI Frameworks Preloaded</b>	System should be preloaded with Precompiled frameworks (CPU & GPU optimized MxNet, CuDNN, Caffe and Pytorch) to be supplied with the system, Data sheet of utility must be submitted with bid.
<b>BIS Registration</b>	The OEM for the proposed in Workstation category must be in Bureau of Indian Standards list of registered OEMs/Brands since last three years or more.
<b>Regulatory Compliance</b>	OEM must be ISO 9001,14001,27001 and EPR Certified and Complied. Certificates must be submitted with bid
	Bidder must not be put on a holiday period or banned or debarred by any govt organization for >3 months during last 5 years.
	OEM must have online current warranty status portal available. Details of the same must be submitted with bid.
<b>Make in India</b>	Make in India declaration should be on OEM letter head and attached with technical bid .
<b>Certification</b>	RHEL/SUSE/Microsoft Windows (Cent OS/Fedora/Debian) Certified System,
<b>Warranty</b>	5 Year On Site Comprehensive Warranty

### **Eligibility Criteria**

1. The bidder should have average annual sales turnover at least 2-5 Crores for the last three financial years. A proof thereof to be attached.
2. The Service provider must attend the machine within 12 hours after the intimation of any breakdown. Since the machine is engaged in sophisticated research.
3. The bidder should have valid ISO certification 9001:2015 or better for IT System Integration and Services. Please attach a copy of the certificate.
4. The bidder must be authorized partner/system integrator of Server. The Bidder to 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.
5. The product should not be declared out of support by the OEM for a period of 5 years from the date of installation
6. Higher configurations for item without any compatibility issues may be considered at the discretion of the appointed technical committee.
7. The bidders should submit a point wise technical compliance of the offered product against the tendered specifications and the technical brochure evidencing the compliance should be available in the public domain. Enclose copies of the technical brochures of the quoted

products, wherever applicable.

8. The bidder must be responsible for complete installation of the operating system and subsequent support as per terms and conditions of the Tender.

9. The Equipment offered by the OEM FOR equipment of the same series/family FROM the same OEM should have been satisfactorily working IN Government/PSUs/Telecom Service Providers network in India. A proof thereof to be attached.

### **Terms and Conditions:**

1. Warranty & Support: Five years comprehensive on-site for Hardware from OEM directly.
2. Quotations must be valid till December 15, 2022.
3. Delivery period will be 6-8 weeks.
4. IIT Kanpur is fully exempted from payment of GST on Imported Goods against our DSIR certificate.
5. IIT Kanpur is partially exempted from payment of Customs Duty (We will provide Custom Duty Exemption Certificate, CD applicable is 5.5%).
6. The price should be quoted per item basis. Number of items may vary depending on the financial status at the time of ordering.
7. The Institute reserves the right to accept, including minor relaxation in technical criteria, or reject any or all of the offers in full/part without assigning any reason whatsoever.
8. Technical and Financial bid should be submitted separately.
9. All prices should be in INR and the delivery to made at IIT Kanpur.