

UNIVERSITY OF JAMMU
DEPARTMENT OF REMOTE SENSING AND GIS, UNIVERSITY OF
JAMMU-180006

Department of Remote Sensing and GIS, University of Jammu, Jammu & Kashmir is interested in the Setup Computer Workstation LAB as per specifications given in the Annexure 1. The Department invites sealed bids/tenders bids from reputed Manufacturers or their Authorized Distributors / Dealers for supply Installation and Training and training of Workstation commuter LAB

Interested parties may submit their sealed bids online as per Technical Specifications given at Annexure 1 and General Terms & Conditions given at Annexure II. . The tender be published online on <https://jktenders.gov.in>. The **TECHNICAL BID** and **PRICE BID** has to be submitted online before the due date i.e 20th March, 2020 Whereas hard copy of the **TECHNICAL BID** along with EMD has to reach to the office of the **Head of the department, Department of Remote Sensing and GIS, University of Jammu, Jammu 180006** before the due date in a sealed envelope (duly superscripted with Tender No. and date).

For any query pertaining to this tender contact Professor A.S. Jasrotia.

Department of Remote Sensing and GIS, University of Jammu, Jammu 180006.

The technical bid will be evaluated first and price bid will be opened only in respect of those Vendors, who are found technically qualified after evaluation of Technical Bid.

The Technical bid will be opened on 23rd March., 2020 in the Department of Remote Sensing and GIS, University of Jammu, Jammu - 180006

Professor & Head
Department of Remote Sensing and GIS
University of Jammu, Jammu-180006

Ref No. PGD/RS&GIS/20/4132

Dated: 28-Feb-2020

BOQ for Purchase of Workstations
(To Be Submitted Online)

SL No	Item Description	Quantity	Unit Price	Total Price
1	SITC of Workstation Computer with Display Specifications as per Annexure – 1	10		
2	SITC of Windows Server 2019 Specifications as per Annexure – 1	2		

Detailed Technical Specifications

1. SITC of Workstation Computer with Display

Sl. No.	Features	Qualifying Minimum Requirements
1	Processor	Intel XeonW-2102, 8.25M Cache, 2.90 GHz,4 Cores
2	Chipset	Intel C422
3	RAM	16 GB ECC, DDR4, 2933MHz memory; Total 8 DIMM Slots
4	BIOS	BIOS of the Workstation to have tool for Enhanced security features like self-healing, regular checks.
5	Drive Controllers	Onboard 6-Channel SATA @ 6Gbps (RAID 0,1,5,10)
6	Hard Disk	1x 256 GB NVMe SSD and 1 x 4TB SATA 7200 RPM HDD, Option for future expansion of additional up to 4 SATA/SSD Hard drives.
7	Optical Drive	9.5mm Slim SuperMulti DVD Writer
8	Graphics Card	NVIDIA Quadro P1000 with 2 nos mDP to DP
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	2 x PCIe x16 Gen3 1 x PCIe x8 Gen3 2 x PCIe x4 Gen3 All PCI Express slots should be open-ended.
11	Security	BIOS controlled electro-mechanical internal chassis lock for the system.
12	Ports	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
13	Monitor	54.6 cm (21.5") Anti-glare; In plane switching; Language selection; LED Backlights; On-screen controls; Pivot rotation; Plug and Play; User programmable; Low Haze FHD (1920 x 1080 @ 60 Hz) 1 VGA; 1 HDMI 1.4; 1 DisplayPort™ 1.2
14	Power Supply	Minimum 1000 Watts, active Power Factor Correction, 90% Efficient Power supply EPEAT Silver certification for the system model. Power supply should support standalone self test.
15	Chassis	Tool less chassis with easy access. Provision for Kensington lock and Panel lock required. Integrated handles on the chassis. System should be rack-mountable
16	Operating System	Windows 10 Professional for Workstations. System should be certified for running RHEL and SLED.
17	Remote Collaboration Software	Hardware or Software based Remote Collaboration system which can help remotely access 3D data across network has to be supplied with the system. - 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.

		<ul style="list-style-type: none"> - Pixel information or images should be 128 SSL encrypted. - Should work on both Linux and Windows, and should be inter-operable.
18	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 utilization (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.
19	Warranty	5 years onsite parts and labor warranty for system and monitor
20	Vendor Status	The hardware vendor should be a reputed concern, having global presence in multiple countries. Vendor should have ISO certifications.
21	Dust Filter	OEM should provide serviceable dust filter for avoid workstation failures due to dust and it should be connected into the workstation

2. SITC of Windows Server Software

Sl. No.	Features	Scope of Work
	Work To Be Done	
1	SITC of Windows Server	Supply and Installation Software Windows Server Standard 2019 for 16 Core Processor academic version with 10 Nos of Device Client Access Licenses. The software should be in the form of E-license and will be verified on Microsoft website. The vendor has to install windows server in the existing server and create active directory. The vendor will connect the workstations with the active directory and create users logins.

Annexure-II
General terms and conditions

1. Rates should be F.O.R. Jammu University Campus or in case of foreign manufacturer kindly quote F.O.R Jammu University Campus in foreign currency. Also quote tentative charges for customer Duty, Clearance charges and Transportation and Insurance upto Jammu separately.
2. Goods must conform to our indicated specifications. Detailed technical and other specifications/ literature must be enclosed.
3. Indicate concessional rates of tax for educational institutions. The GST rates must be clearly mentioned separately.
4. The submission of the tenders will be online. The Technical Bid and Price bid has to be submitted online on www.jktenders.gov.in. Whereas the hard copy along with EMD has to be submitted offline on or before due date in a sealed envelope.
5. Earnest Money Deposit (EMD) of 2% of estimated price to be submitted along with commercial bid. Bids without EMD will be rejected.
6. The warranty of the product should be at least Five Years.
7. The rates should be valid for 120 days from the date of opening of bid.
8. Bidder should submit **Purchase orders** and /user List as a proof of the dealing with other Government organizations/Institutions. The date of the supply order should be within last Three years from the date of publishing the BID.
9. Bidder should submit Valid Authorization Certificate from OEM for Item No 1 against this NIT.
10. The firm/bidders should provide non blacklisting certificate mentioning it should not have criminal records/cases/activities.
11. Reports on Financial standing of the bidder such as profit and loss statement, balance sheet and auditor reports for the **past three years**, banker's certificate etc. should be provided by the bidders.
12. The bidder's firm should be established since last 5 years Documentary Evidence to be submitted along technical BID.
13. Bidder should give undertaking regarding installation/Commissioning Training/Demonstration and after sales service of the entire Setup. The Bidder should provide at least three free trainings for the instrument.
14. The bidder should have enough strength of people for the after sales support with their branch offices near to Jammu/Chandigarh. The details of Service Centre and Office addresses along with Service personnel need to be shared for the verifications.
15. The successful Bidder must provide Bank Guarantee equivalent to 10% of the cost of equipment to the Value of Order from Nationalized or Scheduled bank.
16. Self-attested copies of GST and PAN card and Firm registration certificates to be submitted.
17. The bidder should have ISO or equivalent quality Certification.
18. The delivery, installation and operational training of the instruments/equipment should be completed within 45 days from placing of the order.
19. All Documents submitted in technical BID should be self-Attested (Signed and Stamped).
20. The evaluation of the Price BID will be on total value of all the goods.