

THAPAR INSTITUTE OF ENGG. & TECHNOLOGY

(Declared as Deemed-to-be-University u/s 3 of the UGC Act, 1956)
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Enquiry No. TIET/CS/GK/18-19/18107 & 108
Dept: CSED
Date: June 11, 2018

Sub: Request for Quotation(s) for Storage Server & Workstation

Dear Sir

We shall be grateful if you kindly let us have your lowest quotations for the following materials. **THE QUOTATIONS SHOULD REACH THE UNDERSIGNED LATEST BY 18.06.2018** through courier or e-mail accompanied by appropriate illustrative literature/catalogues/pamphlets/technical details and specifications as the case may be. On the quotation envelope the Enquiry Number & Date should be mentioned on the top.

Sr. No.	Item Name with complete Specifications	Qty
1.	STORAGE SERVER	01 No
2.	WORKSTATION (Revised Specification sheet attached) Note: Kindly send the technical & commercial quotes separately. Single quote will not be entertained.	01 No

The offer sent by you must furnish the following details:

- Name, Make & specifications of each item.
- Cost of the item with MRP (mandatory).
- Educational discount if any.
- Validity of quotation should be at least 90 Days.
- GST (%) we do not provide Form C.
- Delivery FOR TIET, Patiala.
- Insurance, Freight & other charges if any.
- Minimum Delivery Period.
- Payment terms. Net 30 days against delivery & satisfactory installation at TIET, Patiala.
- Guarantee / Warranty Information.

Regards,

Sd/-

Head Commercial

Workstation DELL/HP/Similar		Quantity - 1		
Sr. No	Item	Description of Requirement	Compliance	Remarks
	Workstation Type	Mobile		
	Make			
	Model			
1	CPU	Intel Core i5-7440HQ (Quad Core 2.80GHz, 3.80GHz Turbo, 6MB 45W)		
2	Memory	1 x 16 GB DDR4 and have support for total Two DIMM slots or higher		
3	Graphics	NVIDIA Quadro 4GB GDDR5 Dedicated Memory or Higher		
4	HDD	1TB 7200 RPM SATA or Higher		
5	Optical Drive	One DVD-RW (External)		
6	Display	15.6" FHD IPS (1920x1080) or below		
7	Network Interface	Intel 10/100/1000 Gigabit ethernet ports		
8	Wireless	Intel Dual Band 2x2 802.11ac or higher		
9	Ports	SD Card Reader (SD, SDHC, SDXC, supporting up to 2TB) 1 x Thunderbolt 3 2 x USB 3.0 with PowerShare or Higher 1 x Headphone and microphone combo jack 1 x HDMI 1 x battery life indicator 1 RJ-45		
10	Audio	Integratted stereo speakers		
11	Camera	720p HD webcam or Higher		
12	Power	240 Wat AC Adpter or better		
13	Battery Type	90 Whr Lithium Ion polymer battery or better		
14	Carry Case	OEM Standard carry case only		
15	Warranty	3 year Complete warranty		
16	OS	MS Windows 10 Pro (64-bit) w/ 6th & 7th Gen Processors		
17	Keyboard	Full sized, Spill resistant Keyboard or better		
18	Mouse	OEM Standard Mouse		

Server		Quantity - 1		
Sr No	Item	Description of Requirement	Compliance Y/N	Remarks
	Make	DELL/HP/SIMILAR		
	Model			
1	Chassis	RACKMOUNTABLE with rack mounting Kit		
2	CPU	2* Intel Xeon Silver 4116 2.1G, 12C/24T, 9.6GT/s, 16.5M Cache, Turbo, HT (85W) DDR4-2400 or Better		
4	GPU	NVIDIA Quadro P4000 GPU		
5	Memory	Should support 1024 GB or More. We need 3*32GB (96 GB) RDIMM, 2400MT/s MHz at start		
6	Memory Protection	Should have support for advanced memory protection techniques		
7	HDD	We need 9.6 TB of Storgae with hot plugable (Enterprise 8*1.2TB 10K RPM SAS 2.5 in Hot-plug Hard Drive). Should suppot 16 HDD or higher.		
8	Optical drive	One DVD-RW		
9	Controller	RAID Controller 0/1/1+0/5/5+0 with 1G battery backed write cache (onboard or in a PCI Express slot). Controller should support for higher flash backed write cache upto 1GB/2GB or higher		
10	networking features	Four Gigabit ethernet ports or higher		
11	Ports	4 USB at front and back , 1 Graphics ports, 1 Dedicated Remote Management Port or more		
12	Bus Slots	Upto 9 PCI-Express slots (at least 8 PCIe 3.0)		
13	Industry Standard Compliance	ACPI 2.0b Compliant, PCIe 3.0 Compliant, PXE support, Microsoft® Logo certifications, USB 2.0 Support		
14	OS Support	Require No Operating System It should Support following Microsoft Windows Server 2008/Storage server Red Hat Enterprise Linux (RHEL) SUSE Linux Enterprise Server (SLES) Solaris VMware Citrix XenServer		
15	Power Supplies	Hot Plug & Redundant Power Supplies		
16	Fans	Hot Plug & Redundant Fans		
17	Warranty	3 year onsite complete warranty		
Additional items				
18	Memory	1*32GB RDIMM, 2400MT/s MHz (Unit Price of additional)		
19	HDD	1.2TB 10K RPM SAS 2.5 in Hot-plug Hard Drive (Unit Price of additional)		
20	Citrix Xen Server	Citrix XenServer Std license perpetual (two processor)		