



MAHATMA GANDHI UNIVERSITY

SCHOOL OF COMPUTER SCIENCES

PRIYADARSINI HILLS. P.O
KOTTAYAM, Pin 686560. Phone 0481 2731037

No.SOCS/1/COMP/PUR/2016-17

Dated, P.D Hills, 07/07/2016

TENDER NOTICE

Sealed competitive tenders, super scribed “No. SOCS/1/COMP/PUR/2016-17 Dated 07/07/2016”, are invited from reputed firms for the supply of the following Brand New items (SERVER, COMPUTERS, SOFTWARE AND ACCESSORIES) to School of Computer Sciences, Mahatma Gandhi University so as to reach the office of the undersigned not later than 12.30 p.m. on 27/07/2016. Tenders will be opened at 2 p.m. on 28/07/2016.

ITEM No. 1	DESKTOP COMPUTERS - DELL / LENOVO / HP	QUANTITY - 20 Nos.
SPECIFICATIONS:-		
Processor	Intel® 6th generation Core™ i5 6100	
Motherboard	OEM Motherboard Should have OEM logo embossed, no sticker	
Chipset	Intel® H110 Chipset	
Memory	8GB DDR3 1600MHz expandable up to 16GB with 2 DIMM slots	
Hard Drive	1 TB SATA (7200 Rpm) Hard Drive	
Optical Drive	8X or higher Slim DVD+/-RW drive	
Graphics	Integrated Intel® HD Graphics 530	
Ethernet	Integrated 10/100/1000 Mbps Ethernet controller with PXE and WOL support	
Bays	Min 1 internal 3.5" and 1 external 5.25" (slimline)	
Slots	2 PCI/ PCI e slots, one should be X16	
I/O ports	6 External USB: 4 x 3.0 (2 front/2 rear) and 2 x 2.0 (2 rear); 1 RJ-45; 1 HDMI 1.4; 1 Display Port 1.2; 1 UAJ (front); 1 Line-out (front); 1 Serial; 1 VGA	
Audio Port	1 Universal Audio Jack, 1 Line-out	
Power Supply	240W up to 92% Efficient PSU. Energy Star Certified.	
Display	18.5inch wide LED Backlit monitor min 1366 x768 resolution. TCO 6.0 Certified	
Keyboard	104Keys Multimedia USB Keyboard (same make as PC)	
Mouse	2 Button USB Optical Scroll Mouse (same make as PC)	
Operating System	Ubuntu Linux 14.04 SP1 or higher	
Management / Diagnostic Features	BIOS diagnostic tool, in-band system management, HDD Pre-Failure alert	
Recovery Software	OEM system recovery tool	
Chassis	Tool Less Chassis, Tool Less HDD	
Regulatory Certifications	FCC, UL, Energy Star, ROHS, Windows, Ubuntu Linux.	
Product Details	The Detailed Technical specifications of the Model with images should be available to public on OEM's official website for verification. Part Numbers with make and Model of all items of the BOM of the offered Model for cross verification, and to mention in Purchase Order	
Warranty	Five Year onsite Warranty	

ITEM No. 2	SERVER - DELL / LENOVO / HP	QUANTITY - 1 No.
SPECIFICATIONS:-		
Processor	2xIntel Xeon E5-2620 v4 2.1GHz,20M Cache	
Chipset	Compatible Chipset	
Memory	4X 8GB RDIMM, 2400MT/s, Single Rank, x8 Data Width	
DIMM Slots	Server should support Up to 12 DIMMS DDR4 memory and should be scalable up to 384GB DDR4 memory	
Memory Property	Advanced ECC memory protection, Memory mirroring	
Chassis	Chassis with up to 4, 3.5" Hard Drives	
Hard Disk	2 x 300GB 15K RPM SAS 12Gbps 2.5in Hot-plug Hard Drive and 3 x 1TB 7.2K RPM SATA 6Gbps 3.5in Hot-plug Hard Drive	
RAID Controller	Hardware RAID controller, should support Raid 0,1 , 5 and have at least 1 GB of NV Cache or Battery backed cache.	
Ethernet Ports	Quad port 1G NIC card	
Optical drive	DVD+/-RW SATA Internal	
PCI Slots	At least 2PCIe slots	
Video specifications	Dual, Hot-plug, Redundant Power Supply (1+1), 550W	
Remote Management	<ul style="list-style-type: none"> • Power Management should give historical data for at least 72 hours. • Should also support IPv6. Dedicated port • Should support remote scripted reconfiguration tools. • Should be able to monitor all systems components (BIOS, HBA's, NICs, CNA's). • Should have USB log monitoring. 	
Redundant Power Supply	Redundant Power Supply 550W	
Failure Alerting Mechanism	The server should be able to alert impending failures on maximum number of components. The components covered under alerting mechanism should at least include Processors, memory, PCIe slots, VRMs, power supplies, fans, hard disk drives	
Form Factor	1U rack	
Server Management	<ul style="list-style-type: none"> • Smart Embedded Systems Management should be able to automate task like discovery deploy monitor and update. • Should not be dependent on agents to for life cycle management. • Should be OS Agnostic. • Should be able to provide Single console to manage Servers. Should provide USB log monitoring	
Warranty	Five Year onsite Warranty	

ITEM No. 3	SERVER VIRTUALIZATION SOFTWARE	QUANTITY - 1 No.
SPECIFICATIONS:-		
Should support virtual machine management		
Should support monitoring and general administration		
Administrators should be able to manage hundreds of virtual machines from a centralized highly available management console that installs on any desktop		
Should distribute server management data across the servers in a resource pool to ensure that there is no single point of management failure.		
Should support role-based administration - improves security and enables delegated access, control, maintaining a tiered access structure with varying levels of permissions.		
Should receive immediate notification with historical reporting of VM performance to enable the rapid identification and diagnosis of fault or failure in the virtual infrastructure		
There should be minimum one year subscription and support for the software.		

ITEM No. 4	LASER PRINTER - HP/CANON/DELL	QUANTITY - 4 No.
SPECIFICATIONS	Print Speed:- up to 18ppm , First page out delay:- As fast as 8.5 Sec , Print Quality :- Up to 600 x 600x2dpi (1200 dpi effective output) , Connectivity:- Hi-Speed USB 2.0 , Print - Black	
ITEM No. 5	EXTERNAL HARD DISK - SEAGATE/TOSHIBA/SONY	QUANTITY - 3 No.
SPECIFICATIONS	2 TB ,USB	
ITEM No. 6	COMPUTER MONITORS -DELL/SAMSUNG/LG	QUANTITY - 3 No.
SPECIFICATIONS	18.5" LED	

Earnest Money Deposit (EMD) calculated @ **1%** of the Purchase Assessment Cost (PAC), subject to a minimum of **Rs.1500/-**, should be paid by the firm. The E.M.D. should be furnished in the form of Demand Draft in favour of the Director, School of Computer Sciences, Mahatma Gandhi University, payable at State Bank of Travancore, M. G. University Campus Brach, along with sealed tenders.

Tender form and other details can be had from the University General Store on all working days, by paying the Tender Fee @ **0.2%** of PAC rounded to the nearest multiple of **Rs.100**, subject to a minimum of **Rs. 400/-** and maximum of **Rs. 1500/- + VAT @ 5%**.

For ensuring the guarantee, terms and conditions, etc. relating to the articles supplied, an Agreement in stamp paper worth Rs.200/- must be submitted by the qualified bidder along with a Security Deposit @ 5% of the PAC.

Sealed Envelope containing tenders shall be addressed to **THE DIRECTOR, SCHOOL OF COMPUTER SCIENCES, MAHATMA GANDHI UNIVERSITY, PRIYADARSINI HILLS P.O, KOTTAYAM, 686560.**

TERMS AND CONDITIONS:-

- 1. The quoted Price should be inclusive of all taxes/freight/Installation etc.**
- 2. Customs / Excise Duty Exempted price should also be quoted**
- 3. The tenders should have at least Three Months validity**
- 4. Brochure of different models quoted should be enclosed**
- 5. Warranty conditions ,nearest servicing centers details, user reference , necessary supporting catalogues and demonstration should be provided**
- 6. The right to accept or reject tenders without assigning any reason rests entirely with the undersigned**
- 7. If the product has a Valid DGS & D rate contract , it may be quoted**
- 8. If the date of receipt and opening of tenders is declared a holiday, the next working day shall be the last day for the purpose.**

Sd/-

DIRECTOR

Copy to:-

1. Store Keeper ,General Store
2. PRO ,
3. SF/FC