

**KASTURBA HEALTH SOCIETY'S  
MAHATMA GANDHI INSTITUTE OF MEDICAL SCIENCES,  
P.O. SEVAGRAM, WARDHA (DISTT.)  
MAHARASHTRA STATE - 442 102**

Specifications

**Department of HIS**

**1. HIS & PACS Database Server with 2 X Xeon E5 - 2630 V4 Processor  
(Dual Processor Loaded)**

**2 Nos.**

**Data Base Server**

<b>Item</b>	<b>Description of requirement</b>
Chassis	2 or 3 U Rack Mountable
CPU	Intel Xeon E5-2630 V4, 2.2 Ghz/10-core/25MB/85W ( Dual Processor Loaded )or higher
Motherboard	Intel® C610 Series Chipset or higher
Memory	Minimum 16DIMM slots , 128 GB RAM Should be capable of identifying and reporting whether genuene OEM memory is installed
Memory Protection	Advanced ECC with multi-bit error protection, memory online spare mode and memory mirroring
HDD Bays	Minimum 12 (All should be functional)
Hard disk drive	3 X 600/900 GB , 12 G , 15 K RPM SAS + 3 X 6 TB , 7.2 K RPM SAS Hard Disk
Controller	PCIe 3.0 based 12Gb/s Raid Controller with RAID 0/1/1+0/5/50/6/60/1 Advanced Data Mirroring/10 Advanced Data Mirroring with 2 GB battery backed write cache (onboard or in a PCI Express slot)
Ethernet	Server should support the following: 1Gb 2-port network adaptor supporting advanced features such as TCP segmentation offload, VLAN tagging, MSI-X, Jumbo frames, IEEE 1588, and virtualization features such as VMDQ. 10Gb 2-port Ethernet adaptor supporting enterprise class features such as VLAN tagging, adaptive interrupt coalescing, MSIX, NIC teaming (bonding), Receive Side Scaling (RSS), jumbo frames, PXE boot and virtualization features such as Vmware NetQueue and Microsoft VMO. Jumbo frames, IEEE 1588, and virtualization features such as VMDQ. +
Interfaces	Video - 1
	4 USB ports (standard)
	Micro SD slot - 1
Bus Slots	Six PCI-Express 3.0 slots
Power Supply	Redundant hot plug power supply Power Supply.
Fans	Redundant hot-plug system fans
Graphics	Integrated graphics controller supporting 1280 x 1024 (32 bpp), 1920 x 1200 (16 bpp)
Industry Standard Compliance	ACPI 2.0b Compliant
	PCIe 3.0 Compliant
	PXE Support
	WOL Support
	Microsoft® Logo certifications

	USB 3.0 Support
	ASHRAE A3/A4
Embedded system management	Should support monitoring ongoing management, service alerting, reporting and remote management with embedded Gigabit out of band management port
	Server should support configuring and booting securely with industry standard Unified Extensible Firmware
	System should support RESTful API integration
	System management should support provisioning servers by discovering and deploying 1 to few servers with Intelligent Provisioning
	System should support embedded remote support to transmit hardware events directly to OEM or an authorized partner for automated phone home support
Security	Power-on password , Serial interface control, Administrator's password, TPM 1.2, TPM 2.0, UEFI
Operating Systems and Virtualization Software Support	Microsoft Windows Server
	Red Hat Enterprise Linux (RHEL)
	SUSE Linux Enterprise Server (SLES)
	Oracle Linux
	VMware
Secure encryption	System should support Encryption of the data on both the internal storage and cache module of the array controllers using encryption keys. Should support local key management for single server and remote key management for central management for enterprise-wide data encryption deployment.
Provisioning	Essential tools, drivers, agents to setup, deploy and maintain the server should be embedded inside the server. There should be a built - in Update manager that can update firmware of system by connecting online.
Remote Management	1. System remote management should support browser based graphical remote console along with Virtual Power button, remote boot using USB/CD/DVD Drive. It should be capable of offering upgrade of software and patches from a remote client using Media/image/folder; It should support server power capping and historical reporting and should have support for multifactor authentication.
	2. Server should have dedicated 1Gbps remote management port. Remote management port should have 2GB NAND flash for keeping system logs and downloading firmware from HP website or internal repository
	3. Server should support agentless management using the out-of-band remote management port.
	4. The server should support monitoring and recording changes in the server hardware and system configuration. It assists in diagnosing problems and delivering rapid resolution when system failures occur.
	5. Applications to access the server remotely using popular handheld devices based on Android or Apple IOS should be available.
	6. Remote console sharing upto 6 users simultaneously during pre-OS and OS runtime operation, Console replay - Console Replay captures and stores for replay the console video during a server's last major fault or boot sequence. Microsoft Terminal Services Integration, 128 bit SSL encryption and Secure Shell Version 2 support. Should provide support for AES and 3DES on browser. Should provide remote firmware update functionality.Should provide support for Java free graphical remote console.
	7. Should support managing multiple servers as one via
	Group Power Control
	Group Power Capping
	Group Firmware Update

	Group Configuration
	Group Virtual Media
	Group License Activation
Server Management	The Systems Management software should provide Role-based security
	Should help provide proactive notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD. Should support automatic event handling that allows configuring policies to notify failures via e-mail, pager, or SMS gateway or automatic execution of scripts. Should provide an online portal that can be accessible from anywhere. The portal should provide one stop, online access to the product, support information and provide information to track warranties, support contracts and status. The Portal should also provide a Personalised dashboard to monitor device health, hardware events, contract and warranty status. Should provide a visual status of individual devices and device groups. The Portal should be accessible on premise (at customer location - console based) or off premise (using internet).
	Should support scheduled execution of OS commands, batch files, scripts, and command line apps on remote nodes Should be able to perform comprehensive system data collection and enable users to quickly produce detailed inventory reports for managed devices. Should support the reports to be saved in HTML, CSV or XML format. Should help to proactively identify out-of-date BIOS, drivers, and Server Management agents and enable the remote update of system software/firmware components.
	The Server Management Software should be of the same brand as of the server supplier.
	Infra Platform /Infra Software to support a variety of different hypervisors, such as VMware, Microsoft Hyper-V, Red Hat KVM, and HP Integrity VM
	Solution available to Deploy a fast and easy installation via software appliance delivery mode. With its own OS and Database to provide infra and lifecycle management
	Management software should support integration with popular virtualization platform management software like vCenter, SCVMM and RedHat RHEV
Operating System	Windows Server latest Version with 5 User Cal License
Warranty	5/5/5/

## PACS Server

Item	Description of requirement
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Operating System	Windows Server latest Version with 5 User Cal License
Warranty	5/5/5/

**Check List (to be submitted with Technical Bid)**

**The Vendor should submit following documents (duly attested) with Technical Bid**

(Please give Annexure No. for submitted Documents as mentioned below)

Name of Company: \_\_\_\_\_

<b>Sr. No.</b>	<b>Name of the Document</b>	<b>Documents Submitted (Yes / No)</b>	<b>Annexure No.</b>	<b>Reason (for non submitted documents)</b>
1.	FDA / BIS Approval		<b>I</b>	
2.	CE Certification		<b>II</b>	
3.	ISO Certification (ISO 9001 & ISO 13485)		<b>III</b>	
4.	GST Registration Certificate		<b>IV</b>	
5.	Manufacturing Certificate of Manufacturer Company		<b>V</b>	
6.	Authorized Distributor Certificate ( <b>Current Year's</b> )		<b>VI</b>	
7.	Last 3 years Tax Assessment & Turn Over Certificates		<b>VII</b>	
8.	User List (wherever Equipments / Instruments supplied & installed)		<b>VIII</b>	
9.	PAN Card		<b>IX</b>	
10.	Contact Person Name with Mobile No.		<b>X</b>	

**Signature with Company Seal**

**Kasturba Health Society's  
Mahatma Gandhi Institute of Medical Sciences  
Sevagram, Wardha (Dist), Maharashtra - 442 102**

**Terms and Conditions for the tenders**

**Any non compliance of the following will amount to disqualification of the tender**

1. Sealed tender should be addressed to the **DEAN, Mahatma Gandhi Institute of Medical Sciences, Sevagram, (P.O.) Wardha (Dist), Maharashtra - 442 102**
2. Tender should be submitted **on or before 14/09/2017 up to 3.00 P.M.** Tender received after the last date will not be accepted.  
Separate tenders are to be submitted for each instrument. Mention on the envelope "**Tender for . (instrument name) of the Dept .....(Dept name)**".
3. Tender should be in **two separate envelopes** one for **Technical Bid** and other for **Price Bid**
4. **The technical bid** must contain the following (duly attested) along with Check List:
  - a) Detailed technical specifications of equipment quoted (Catalogue / illustrated literature) and options / other model.
  - b) A soft copy (CD) in Microsoft Word / Excel Format showing compliance with our given Technical Specifications (i.e. Compliance chart).
  - c) **Authorized dealer certificate (Current year's)** from the Principal of manufacturing company for supply and service
  - d) **List of users / institutional installations / Govt. supply orders / Reputed private hospitals and copy of Manufacturing License from the manufacturer.**
  - e) Income Tax and annual returns of Last three years
  - f) FDA Approval Certificate for the equipment / item & FDA Registration of the manufacturer.
  - g) GST Registration Certificate
  - h) PAN Card copy
  - i) Country of Origin of the equipment
  - j) **If you are registered firm under Micro, Small Enterprises (MSEs), please submit a copy of the Registration Certificate.**
5. **For equipment to be imported the prices should to be quoted in both**
  - a) **Foreign Currency - CIF Mumbai and also**
  - b) **INR – Delivery at Sevagram including all taxes and levies**

**Note:**

- a) FOR CIF prices, the duty, transportation from Mumbai port to Sevagram, insurance will be borne by the buyer.
- b) FOR INR prices-- no excise duty, GST, transportation, insurance will be paid by the buyer.
- c) MGIMS is holding a DSIR Certificate for Custom Duty concession and excise duty exemption.
- d) For ease of computation you may furnish the import duty structure of your equipment and classification HSN code no of custom tariff. Import License and IEC code should also be submitted.

- e) Kindly quote the prices strictly as per the scope of the supply written in the tender without offering your special features and accessories prices.
- f) You have to provide Performance Bank Guarantee covering the Warranty period
- g) Penalty clause for delay in supplying will be applicable.

**6. Payment terms:**

- a) For CIF: L/C will be opened by the buyer on the condition of payment on successful installation of the equipment.
- b) For INR quote: Payment will be against successful installation of the equipment
- c) No advances are given with Purchase Order (PO).

**7. Delivery period** from date of Purchase Order (PO) to be written clearly in days. Penalty clause can be levied on case to case basis. Installation of the equipment should be free and to the satisfaction of the buyer.

**8. Service and Guarantee conditions:**

- a) **Equipment will be under guarantee of two years from the date of installation.** On case to case basis Performance Bank Guarantee may be sought.
- b) Mention the charges and terms of AMC & CMC (Labour + Part) applicable **from 3rd year onwards.**
- c) Mention about the nearest facility/office where service personnel are available.
- d) Mention about the facility for training of personnel safety and quality standards.

**9. Dean M.G.I.M.S. reserves the right to reject all or any tender without assigning any reason.**