

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

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Specifications

**Department of HIS**

**1. Layer 2 Switches**

**4 Nos.**

WS-C2960X-24PS-L (CATALYST 2960-X 24 GIGE POE 370W 4 X 10G SFP+ LAN BASE) with SFP transceiver module of 1 & 10 GB compatibility.

WS-C2960X-48FPS-L (CATALYST 2960-X 48 GIGE POE 740W 4 X 10G SFP+ LAN BASE) with SFP transceiver module of 1 & 10 GB compatibility.

CON-SMBS-WSC224SL (SMBS 8X5XNBD CATALYST 2960-X 24 GIGE POE 370W 4 X 10G Five year)

CAB-IND-10A (10A POWER CABLE FOR INDIA)

**2. Servers**

**2 Nos.**

Gen 9- Rack mount Server:

Intel Xeon E5-2630v4, 2.2 Ghz/10-core/25MB/85W

128 GB DDR4 Registered RAM

6\*900 GB 12G 15 KRPM SAS HDD

Redundant Power Supply.

iLo advanced License

4\*Gbit port

Smart array P440/2G Controller

5 years 24\*7 warranty.

### 3. Wireless Controller with Access points

- A site survey and Proof of Concept are mandatory
- We have an existing system with MSM760-R Controller, 140 access points (MSM466-R Outdoor and MSM430 Indoor access points.) and RF Security Manager. Buy back proposal will be preferred.
- Deployment plan and architecture should be clearly mentioned in the proposal.
- Network management software should be a part of proposal.
- Should have ability to support minimum 500 Access points.
- Client's capacity should be up to 5000 devices.
- Deployment modes should be centralized and mesh.
- I/O interface should be Dual 1-Gb or 10-Gb ports with link Aggregation group.
- Should have 802.11ac Wave 2 networks with minimum 20 Gb throughput
- Should be support wireless standard IEEE 802.11a, 802.11b, 802.11g, 802.11d, WMM/802.11e, 802.11h, 802.11n, 802.11k, 802.11r, 802.11u, 802.11w, 802.11ac Wave1 and Wave2
- Should be support Wired/switching/routing standard IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX specification, 1000BASE-T, 1000BASE-SX, 1000-BASE-LH, IEEE 802.1Q VLAN tagging, IEEE 802.1AX Link Aggregation
- Consolidate multiple controllers into one with a single point of touch
- Should be support centralized, distributed, and mesh deployments
- Controller should be able to function with any type of RADIUS server.
- Should have ability to reject unauthorized client in the network.
- Controller should offers high-availability features for uninterrupted application availability and no incremental system downtime
- Should have dual-redundant Gigabit or 10 Gigabit Ethernet connectivity
- Solid state device-based storage-no moving parts
- Power supply should be redundant, hot-swappable
- Mobility: L2 and L3
- Product warranty should be Five years
- Wireless LAN Controller should have following Features:
  - Scalability
  - High Performance
  - RF Management

- Office Extend
  - Comprehensive End-to-End Security
  - Enterprise Wireless Mesh
  - High Performance Video
  - End-to-End Voice
  - High Availability
  - Environmentally Responsible
  - Mobility, Security and Management for IPv6 & Dual-Stack Clients
- Give Product Specifications according to the following points
    - Wireless
    - Wired/Switching/Routing
    - Data Request For Comments (RFC)
    - Security Standards
    - Encryption
    - Authentication, Authorization, and Accounting (AAA)
    - Management
    - Management Interfaces
    - Interfaces and Indicators
    - Physical and Environmental support
    - Regulatory Compliance according to Indian Government

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### **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.	VAT Registration & CST Registration		<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 23/03/2017 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) VAT & CST 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.**
6. **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, sales tax, VAT, 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.

**7. 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).

8. **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.

**9. 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.

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

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