

**Request For Budgetary Estimate of Upgradation of IT infrastructure and associated work at
Hospital in Delhi**

HSCC/Delhi /IT /2025

Date-13/11/2025

Supply, installation, testing and commissioning of upgradation of IT infrastructure and associated work at Hospital campus:

Technical Specifications and Bill of Quantity proposed for above are enclosed herewith. It is requested to submit the Budgetary Quotation of the same inclusive of all taxes & duties.

The quotation should be on Company Letter Head with sign and stamp as per the BOQ format enclosed and should be submitted in Hard Copy only in a sealed envelope within 7 days of issue of this Notice at the following address:

General Manager (IT)
IT Department
HSCC (India) Ltd., E-6(A), Sector-1,
Noida (U.P.) - 201301.

General Manager (IT),
HSCC (India) Ltd.

Note- This is not tender, just request for budgetary estimate only. No work will be awarded based on this request for budgetary quotation.

Server Hardware-

Sr. No.	Item	Description
1	Processor(s)	1 x Intel® Xeon® Gold Core 12
2	Chipset	Intel® C621
3	RAM	1 x 32 GB DDR 4 -2600 ECC Register or higher, Total 8 DIMM slots
4	SSD	1 x 512GB M.2 Nvme SSD
5	HDD Bays	Provision for populating up to 8 x 3.5"/2.5" HDDs
6	Network	Dual LAN Gigabit Ethernet port
7	Expansion Slots	4 PCIe 4.0 x16 slot(s), 2 PCIe 4.0 x8 slot(s)
8	Ports	2x USB 3.0, 1 x VGA
9	Power Supply	Redundant Platinum 1200W Output Power Supplies Power Supply
10	OS	As per software requirement
11	Chassis	2U with Rails
12	Warranty	5 Years

	Helpdesk/Service Desk Management
1	The proposed solution should have Monitoring & Event Management, Incident Management, Service Request Management, Problem Management, Service Level Management.
2	The proposed helpdesk system shall provide flexibility of logging, viewing, updating and closing incident manually
3	The proposed solution should automatically suggest available technicians based on workload, average ticket closure time assigning with no programming
4	The proposed system must not create more than one ticket for same recurring
5	The proposed helpdesk system shall support tracking of SLA (service level agreements) for call requests within the help desk through service types.
6	The proposed solution should support the use of dynamic expressions within workflow flow.
7	Management Module -The solution must support custom dashboards for different role users such as Management, admin, and report users
8	The proposed solution should have multiple alerting feature to get the notification via email, sms and third-party systems
9	The proposed solution should provide alert console with alert summary such as no. of correlated alert, network alert, server alert, virtualization alert, cloud alert, application alert etc.
10	The system must have provision to overlay alert on reported metric to understand alert triggering behaviour across multiple drill down pages
11	The proposed solution must provide agentless as well as agent-based monitoring for server infrastructure.

Existing infra details-

Switch	QTY
Distribution Switch	1
24P Port (Poe)	10
24 Port (Non-Poe)	10
48 (Non-Poe)	2
APs	20

Note- In case any survey required at site should be done before work execution

1. Specification for CAT 6A Cabling System

	Standard Compliance
1	The Category 6A cable and Category 6A channel components shall be manufactured by a single manufacturer. The manufacturer shall warrant the Category 6A channel cable, components, and applications for a period of 25 years.

2. 1, 2 & 4 Port Face Plate

	Standard Compliance
1	Shall be available in 1 port, 2 port and 4 port square versions.
2	General Specifications Size: 3 x 3 square faceplate Color: White
3	Material shall be high impact, flame retardant, UL-rated 94 V-0, thermoplastic/ABS Plastic
4	Safety Standard: UL Listed/ROHS
5	Shall be compatible with CAT 5e/CAT 6/CAT 6A information outlets.

3. 6 CORES - Indoor MM OM3 FIBER CABLE: -

	Standard Compliance
1	Shall be Multimode (OM3), Low Smoke Zero Halogen Riser Distribution Cable, 6 fiber single-unit.
2	No. of Fibers: 6

4. LC Multimode OM3 MM Pigtails

Sr. No.	Specifications
1	The Pigtail shall be assembled with 50 µm multimode fiber (OM3) for MM fiber cabling System and with SM fiber for SM fiber cabling system

Note- Any items required for the completeness of the system should be taken.

Sr. No.	Item Description (With 5 years warranty)	Unit	Qty.	Rate	Amount
1	Supply, installation, testing and commissioning of Server Hardware with antivirus with minimum of 5 years support is required for the software as per requirement and as per technical specification mentioned & complete in all respect and as directed to the satisfaction of engineer.	No.	1		
2	SITC of Display for monitoring the infrastructure as per technical specification mentioned & complete in all respect and as directed to the satisfaction of engineer.	No.	1		
3	Configuration of existing Switches for SSH enable for Network Access Controller readiness for the network as per requirement and as per & complete in all respect and as directed to the satisfaction of engineer.	Lot	1		
4	Providing Manpower (L1 support) for support services for 3 years	PM	72		
5	Configuration of existing Switches for SNMP enable for Network readiness for the network as per requirement and as per & complete in all respect and as directed to the satisfaction of engineer.	No.	1		
6	Supply, installation, testing and commissioning of Grievance Module for ticketing as per the technical specification mentioned and as per the requirement & complete in all respect and as directed to the satisfaction of engineer.	Lot	1		
7	Supply, installation, testing and commissioning of 1 KVA UPS System for all IT Racks as per the technical specification mentioned and as per the requirement & complete in all respect and as directed to the satisfaction of engineer.	Nos.	10		
8	Supply, installation, testing and commissioning of KVM Switch and Network Switch TOR Switch as per requirement and as per technical specification mentioned & complete in all respect and as directed to the satisfaction of engineer.	No.	1		
9	Supply, installation, testing and commissioning of expansion of HDPE ISI marked for OFC Laying as per the requirement	Mtrs.	1200		
10	Supply, Laying, Testing, Commissioning of Cat 6A cable as per the requirement & complete in all respect and as directed to the satisfaction of engineer.	Mtrs.	22000		

11	AMC of Network equipments at existing teaching blocks for 3 years as per the requirement & complete in all respect and as directed to the satisfaction of engineer.	No.	1		
12	Providing 1 Manpower (Lead/Supervisor) for support services for 3 years	PM	36		
13	Supply, installation, testing and commissioning of Server Hardware for Grievance Module with Antivirus as per the technical specification mentioned and as per the requirement & complete in all respect and as directed to the satisfaction of engineer.	Nos.	1		
14	Supply, installation, testing and commissioning of expansion of approx hundred data points with all connectors, I/Os, Faceplates, patch chords, Panels and any other equipments to make it functional as per the requirement and all required equipment to make it functional as per the requirement.	Lot	5		
15	Supply, installation, testing and commissioning of expansion of PVC conduit/flexible/batten as per the requirement	Mtrs.	10000		
16	Supply, installation, testing and commissioning of Software for managing LAN System of all existing devices with scalability to cater upcoming devices in next 6 months with minimum of 5 years support is required for the software as per requirement	No.	1		
17	Supply, Installation, Testing, Commissioning of 5 KVA UPS system as per the requirement & complete in all respect and as directed to the satisfaction of engineer.	Nos	1		
18	Supply, installation, testing and commissioning of Wiring of UPS from nearby DB required as per requirement and complete in all respect and as directed to the satisfaction of engineer.	Lot	1		
Total					