

Minutes of the Pre-Bid Meeting - NATIONAL COMPETITIVE BIDDING FOR THE SUPPLY, Installation and Commissioning of LAN at 9 DH along with 2 ZH F.2 (499)/RHSDP/EPMC/HMIS/ NCB/4881 Dated 09.11.2010

Sl.	Description as per the Bid Document	Query/Clarification/Suggestion	RESPONSE
	CORE SWITCH		
1	Switch 2.2.1.1.1 Central (Core) L3 Switch: Fabric: 128Gbps or higher	<ul style="list-style-type: none"> • Switch Fabric 256Gbps or higher; • Min. 104 Gbps; • Switch Fabric 108Gbps or Higher is acceptable 	Accepted. To be read as "Fabric: 88 Gbps or higher."
2	Switch 2.2.1.1.1 Central (Core) L3 Switch: Packet Forwarding Rate: 80 Mpps or higher	Packet forwarding Rate: 101 Mpps or higher Min. 65.5 Mpps.	Accepted. To be read as "Packet Forwarding Rate: 65.5 Mpps or higher."
3	Switch 2.2.1.1.1 Central (Core) L3 Switch: Should support GVRP	GVRP is a very legacy protocol and also involves huge security risk. Using GVRP in the network means if one switch is mis-configured it can erase the VLAN configuration.	Accepted. Read it as "GVRP or Equivalent Support."
4	Switch Should support MPLS feature like Multi-VRF feature	Change it to "Switch should have a feature like MPLS-Multi VRF"; MPLS feature is not required/Pls. remove it	Accepted. Condition removed.
5	Should support Layer 3 routing protocol RIP, OSPF, BGP etc for both IPv4 and IPv6.	BGP Support for Ipv6	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
6	Switch should have virtualization feature as one or more switch can act as a single Switch.	Switch should have virtualization feature as one or more switch can act as a single Switch or equivalent IP clustering	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
7	Internal Redundant power supply	Change it to External Power Supply	Accepted. To be read as "Internal/External Power Supply."
8	IEC Should support optional stacking on 40GB speed	IEC Should support optional stacking/IP Clustering on 40GB speed	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
9	Emissions: FCC Class AEN61000, VCCI, UL,	Pls. remove it	Please refer to revised technical specifications whereby it has been clearly defined the requirement.

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10	Core Switch Rack not mentioned in the Technical Specifications	Racks at CORE Switch Location	Accepted. Please refer to revised technical specifications whereby it has been clearly defined the requirement.
11	2 no. Transreceiver required with each switch	Pls. Confirm on No. of SX (for MM OFC Modules) & LX (for SM OFC Modules) required	Accepted. Transreceiver (Single & Multi Mode) included in System Inventory Table and Price Schedule.
12	24 Port Gigabit SFP 8 Combo Ports	Instead of 8 change it to 4	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
13	Optical Fiber (SM & MM)	Clarity is required as to where will Single Mode fiber connected with different mode fiber	Pls. refer Network Drawings annexured with tender document.
14	Open Slot for 10G uplink Modules	Change it from current 3 to 2 or 4	Accepted. Should be read as "Open Slot for 10-Gigabit Uplink Modules: 2 or higher"
15	Core Switch	Clarify whether L3 switch is required at Zenana Hospitals or not	Not required at 2 Zenana Hospitals. For details kindly refer Network Drawings annexured with tender document.
L2 EDGE SWITCH			
16	Should have Layer 3 Static routes: 16	This is a Layer 3 Feature, Remove or modify to "Should have static routes for management protocols"	Accepted. Condition removed.
17	Virtual VLAN interface: 8	Change it to 256 VLANs	Accepted. Switch Should Support at least 256 VLAN's or higher, with Virtual VLAN Interface
18	Switch capacity: 54Gbps or higher	<ul style="list-style-type: none"> • Pls. keep less than 54Gbps; • 54 Gbps and 40 Mpps is too less for Non blocking operation. Hence we request you to please change Switching Fabric to 88 Gbps and Forwarding rate to 65 Mpps; • We request not to increase the switch capacity 	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
19	64-Byte Packet Forwarding Rate: 40 Mpps or higher	64-Bytes Packet forwarding Rate: 35.7 Mpps or higher; Change it to 36 Mpps or higher	Please refer to revised technical specifications whereby it has been clearly defined the requirement.

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20	EMI/EMC: FCC Class A,CE	Pls. remove	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
21	Management: NTP/SNTP	Keep any One of them	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
22	Include "Out of band management Port"	Even if the Network Traffic flood the Ethernet Ports present in the front panel of the switch still the IT Manager/ System Administrator has provision to implement Network Policies through Out of band management Port	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
23	2 no. Transreceivers required with each switch	Pls. Confirm on No. of SX (for MM OFC Modules) & LX (for SM OFC Modules) required	Accepted. Transreceivers (Single & Multi Mode) included in System Inventory Table and Price Schedule.
24	Network Rack required with each Edge Switch	Racks at Edge Switch location	Accepted. Please refer to revised technical specifications whereby it has been clearly defined the requirement.
Sl.	Description as per the Bid Document	Query/Clarification/Suggestion	RESPONSE
UTP Cable			
25	The OEM should be ISO 9001:2000 & QS: 9000 Certified	The OEM should be ISO 9001:2000 Certified	Accepted. The OEM Should be ISO 9001:2000
26	The OEM should have at least 1 site on intelligent system in India.	To be removed	Accepted. Condition removed.
27	4 Pair with ETL test report for channel and zero bit error	4 Pair with ETL test report or UL listed for channel and zero bit error	The Cable Should be UL, ETL Certified, EIA/TIA 568-C.2.
28	UTP Cable	Should be RoHS Compliant	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
29	UTP Cable	Should be tested up to 600 MHz	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
30	The bidder/OEM should be able to physically demonstrate intelligent system monitors/scanners,	To be removed	Please refer to revised technical specifications whereby it has been clearly defined the

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	intelligent jack panels etc. if so required.		requirement.
Information Outlet			
31	Should be able to support variety of jacks – UTP, STP, Fiber, Coax etc.	Should Support UTP, STP	Accepted. Read as UTP, STP only
32	Jacket PVC	Cable Jacket Sheath should be Fire retardant PVC	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
33	2.2.1.2.3 INFORMATION OUTLET with ETL test report-Plug in Icons – Icon tree – to be supplied with plate Information outlet (RJ45 jack) should be covered under ETL Verification program for compliance with TIA568B.2-1, ETL certificate to be submitted with offer	Should be either UL or ETL Certified; Plug-in icons to be supplied with plate	Please refer to revised technical specifications whereby it has been clearly defined the requirement. Information Outlet should be ETL and UL Certified rest as per tender document.
34	CAT 6 TIA 568B.2-1 250 MHZ	Change requested as under: CAT 6 TIA 568 C.2 600 MHz	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
35	UL	UL Certified	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
36	RoHS	RoHS Compliant	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
37	Max. Temperature 75°C	Max. Operation Temp 60°C and Storage Temp 75°C.	Accepted.
Jack Panel - Cat -6			
38	Be made of cold rolled steel, in 24 port configurations. Each jack should have spring loaded shutter inside the jack for 100% dust free environment.	To be Modified	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
39	RoHS	RoHS Compliant	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
40	UL & ETL	UL & ETL Mandatory	Please refer to revised technical specifications whereby it has been clearly defined the

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			requirement.
41	Each port / jack on the panel should be individually removable on field from the panel.	To be Modified	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
Mounting Cords			
42	Should comply to the following : TIA/EIA-568-B.2-1 Component Compliant FCC Subpart F 68.5 Compliant, IEC-603-7 Compliant, ISO 11801 Class E Compliant, UL, 1863, CSA C22.2	CSA C22.2 to be removed	Accepted. CSA C22.2 removed but Jack Panel Should be ETL Certified rest as per RFP.
43	Should be covered by ETL verification program for compliance with TIA 568B.2-1. Certificate to be submitted with bid.	Should be either UL or ETL Certified	Please refer to revised technical specifications whereby it has been clearly defined the requirement. Both UL & ETL are required
44	Approvals: UL, CSA	Pls. remove CSA	Accepted. CSA removed. Rest as per RFP.
45	RoHS	RoHS Compliant	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
46	Operating temperature: -40°C to 85°C	Change requested	Accepted. Changed to -40°C to 75°C
Optical Fiber Cable			
47	The OEM should be ISO 9001:2000 & QS: 9000 Certified.	The OEM should be ISO 9001:2000 & QS: 9000 Certified	Accepted. The OEM Should be ISO 9001:2000, QS:9000 removed
48	The complete cabling system (copper as well as fiber) offered shall be upgradeable to the intelligent system if required in future by retrofitting of sensors.	To be removed	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
49	The OEM should have at least 01 site on intelligent system within India.	To be removed	Accepted. Condition removed.
50	The bidder/OEM should be able to physically demonstrate intelligent system monitors (for both copper & fiber), patch cords etc. if so required.		Please refer to revised technical specifications whereby it has been clearly defined the requirement.
51	Should fulfill the requirements of IEC 793-2: 1992, Category B 1.1, EN 188101, ITU-T Recommendation G.652	To be removed	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
FIBER PATCH PANELS – RACK MOUNT			
52	Should be upgradeable to intelligent patch panel without changing the existing patch	Kindly remove	Please refer to revised technical specifications whereby it has been clearly defined the

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			requirement.
53	Have earthing lugs and other accessories. Provide self-adhesive, clear label holders (transparent plastic window type) and white designation labels with the panel, for front panel labeling.	To be removed	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
Optical Fiber Equipment Cords (min. 3 meter) (Single-Mode)			
54	Category B1.1	TIA/EIA-568 B.1-3	Please refer to revised technical specifications whereby it has been clearly defined the requirement. Anything better/ more advanced also acceptable
55	All optical fiber patch leads shall comprise of Single mode 9/125µm fiber with SC, fiber connectors terminated at each end.	To be removed	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
Optical Fiber Cable (Multi-Mode)			
56	Indoor riser rated 6 core Multi Mode, 50 micron, OM3 optical fiber cable	Fiber Cable should be Loose Tube Dielectric, construction. Fiber cable get more strength and protective in Loose Tube Design.	Please refer to revised technical specifications whereby it has been clearly defined the requirement. Anything better/more advanced also acceptable
57	Cable: 9/125, SM	Line item # e calls for Single mode fiber patch cords. And item # K should be MM as per BoM. The specified 9/125 SM should be typo error. Hence request you to modify the specs as mentioned Cable: 50/125, MM	Accepted. For multimode fiber cable feature should be read as Cable: 50/125, MM
58	The work area equipment cords shall, at a minimum comply with proposed ANSI/TIA/EIA-568-B.2-1 Commercial Building Cabling Standards Transmission Performance Specifications for 4 pair 100µ Category 6 Cabling.	The work area equipment cords shall, at a minimum comply with proposed ANSI/TIA/EIA-568-B.2-1 Commercial Building Cabling Standards Transmission Performance Specifications for 4 pair 100Ω Category 6 Cabling.	Please refer to revised technical specifications whereby it has been clearly defined the requirement.
59	The cable should consist of 900m tight buffered optical fibers reinforced with Aramid Yarns and sheathed in flame retardant PVC.	Fiber cable sheath should be in jacket of Nylon-12 material making in cable anti trestle and best suites for duck-pulling with low frictional coefficient. It should have the Aramid Yarn also.	Please refer to revised technical specifications whereby it has been clearly defined the requirement.

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60	Fiber Connector (Single & Multi-Mode)	Connector should be changed to Pigtail	Accepted. Addendum to Technical Specifications.
	Others		
61	Any item not mentioned above and is required for commissioning of the entire system is deemed to be inclusive in the offered solution without any additional financial implication	Please permit that Bidder can quote unit price for additional items required for the project separately	Accepted. Addendum to Price Schedule.
62	Unit prices of Goods offered from within the Purchaser's Country, shall be quoted on an EXW (ex factory, ex works, ex warehouse or off-the-shelf, as applicable) basis, including all customs duties, levies, fees, sales and other taxes incurred until delivery of the Goods, but excluding all VAT or sales and other taxes and duties/fees incurred for the Goods at the time of invoicing or sales transaction, if the Contract is awarded.	Please clarify that price can be quoted exclusive of Service Tax	Please refer to ITB clause 14.4 and 14.5 for details
63	Supply, Installation & Commissioning - 90 days	We request you to please increase Supply, Installation & Commissioning up to 120 days.	Please refer to Implementation Schedule.
64	Section VI Technical Requirements (C. Technical Specifications)		Please refer to amended technical specifications. Annexure-I
65	Section VI Technical Requirements (System Inventory Table)		Please refer to amended technical requirements (System Inventory Table). Annexure-II
66	Section VII Sample Forms (2.3 Supply & Installation Cost Summary Table)		Please refer to amended sample forms (Supply & Installation Cost Summary Table). Annexure-III
67	Section VII Sample Forms (2.5 Supply & Installation Cost Sub-Table)		Please refer to amended sample forms (Supply & Installation Cost Sub-Table). Annexure-IV