



राष्ट्रीय प्रौद्योगिकी संस्थान, मणिपुर
NATIONAL INSTITUTE OF TECHNOLOGY, MANIPUR

An Autonomous Institute under MHRD, Govt. of India

Takyelpat, Imphal, Manipur, Pin- 795001

Web site:- www.nitmanipur.in / email:- nitmanipur@yahoo.in Ph. (0385) 2445812

No.NITM.1/(160-Estt)/New Campus/LAN/2014/533

Date: 09/08/2016

To,

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Subject: Enquiry for supply and Installation of Wireless Networking Equipments and Implementation charges for New Boys Hostel at NIT Langol, Imphal

Sir,

Please provide sealed rate quotation for supply of the following items:

S.N	Item Details	Qty.
A Passive Materials		
1	1U-6F LC SM OS2, Fibre Optic Rack Mount LIU Loaded with pigtailed, splice Trays, couplers, fibre management rings & splice protectors (fully Loaded) fibre management shelf(FMS) Type	2
2	SC to LC Duplex Fibre optic patch cords SM	10
3	CAT 6A UTP CABLE(1 Box =305 meters)	5
4	CAT 6A UTP JACKS for I/O	30
5	Face plate - single port for I/O with dust cover	30
6	I/O Box - surface Mount 3" x3"	30
7	Cat 6A UTP patch cord with stranded copper conductors , LSZH. 1 meter	30
8	Cat 6A UTP patch cord with stranded copper conductors , LSZH. 2 meter	30
9	CAT 6A UTP JACK PANEL 24 PORT (un-loaded)	2
10	CAT6A UTP JACKS for Jack Panel	24
B EQUIPMENT RACKS		
1	9U Wall Mount Rack(600mm D x 500 mmW)with front lockable glass door, side panel with hinges and slam latches and following accessories;	2
a	230 V,8A, 2U standard rack mount power distribution unit with 6x 5A socket, Fuse &switch	2
b	Fan module Mount on top cover with 2 fans 230VAC 90 CFM	2
c	1U Horizontal cable manager	2
d	Hardware screws for mounting equipments pack of 20 nos	2
C Switch & Wireless Access Points		
	Cisco WS-C4500X-16SFP+ with following components	
	Catalyst 4500-X 16 Port 10G IP Base Front-to-Back No P/S	1
	Catalyst 4500X Network Module Blank	1
	Catalyst 4500X 750W AC front to back cooling power supply	1
	Catalyst 4500X 750W AC front to back cooling 2nd PWR supply	1
	CEE 7/7 to IEC-C15 8ft Europe	2
	CAT4500-X Universal Crypto Image	1
	IP Base to Ent. Services license for 16 Port Catalyst 4500-X	1
	Console Cable 6ft with RJ-45-to-RJ-45	1
	10GBASE-LR SFP Module	2



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	Access Switch - 24-Port PoE+ Switch with 2 x SFP+ ports with following components :	
a	Model : WS-C2960X-24PD-L : Cisco Catalyst 2960-X 24 GigE PoE 370W 2 x SFP+ Ports (to connect 10 G LR Fiber Module) LAN Base	2
b	Cisco Redundant Power System 2300 and Blower No Power Supply	2
c	Catalyst 3750-E / 3560-E 750WAC power supply	2
d	Bay Insert for Cisco Redundant Power System 2300	2
e	Additional 10 Gigabit LR SMF SFP+ Transceiver Module (required to Connect Access Switch to Distribution Switch on 10 Gigabit Link)	6
3	Wireless Access Point (Indoor) - 2700 Cisco AIR-CAP2702E-x-K9: 802.11a/g/n/ac Ctrlr-based AP Ext Ant N Reg Domain Ceiling Grid Clip for Aironet APs - Recessed Mount (Default) 802.11n AP Low Profile Mounting Bracket (Default) 2.4 GHz 2 dBi/5 GHz 4 dBi Dipole Ant. Gray RP-TNC Cisco 1600 Series IOS WIRELESS LAN RECOVERY	12
E	Installation Charges	
1	Laying of OFC using aerial route which would include supply of GI messenger wire, clamps, support rings, and pulling of fiber per meter	
2	Fusion Splicing charges of Fiber-optic cables - 24 cores	
3	Installation of Fiber-optic LIU	
4	Laying of UTP Cables which includes supply and fixing of PVC Conduit and casing (units in meters)	
5	Installation & Termination of UTP Jack panels	
6	Installation & Termination of UTP I/O s	
	Installation Charges for 9U Rack	
7	Installation & Configuration of Distribution Switches in the Network	
	Installation & Configuration of 24-Port PoE+ Switches	
	Installation & configuration of Indoor Wireless Access Points	

Yours sincerely,


 (R.K. Lalit Singh)
 Registrar
 NIT, Manipur

Terms & conditions:

1. Last date for submission of sealed quotation is 2 pm of 19/08/2016.
2. Prices must be inclusive of taxes.
3. Prices must be F.O.R NIT Manipur Stores, Langol, Imphal