

Tender No. “UCC/UGC/ Addl/ 2014” dated 14.05.2014 for “Campus Area Networking”

Annexure 3

SCHEDULE OF WORK/ BILL OF MATERIALS

- If the bidder is interested to survey the campus to get exact measurements/ locations, time will be provided by the college on request (contact 9400855686)
- The number of equipments/ length of cable provided in the schedule are only approximate. The purchasing officer reserves the right to change quantity/ measurements at the time of implementation/ installation

# No.	Item	Approx Qty required	Quote Unit Price (per meter/ per piece)	Tax	Total
Networking Rack					
1	27 U, Floor Mount Networking Rack with 600 mm depth. 3 cable managers, Vertical Power Strip (10X5 Amp) 1 No, Fans - 2 nos., Heavy Duty Shelf 1U - 1 no., Front Glass Door & Rear Steel Doors with lock and key, hardware screws 30 nos. (APW)	1			
2	9U Wall Mount Networking Rack with 500 mm depth. 2 cable managers, 1 Power Strip (6X5 Amp), Fans 2 nos., Cantilever shelf 1, Front Glass Door with lock and key, hardware screws 20 nos. (APW)	8			
Fiber Components					
3	12 Core Single Mode OFC Cable (outdoor armored) (AMP)	500 mts			
4	6 Core Single Mode OFC Cable (outdoor armored) (AMP)	500 mts			

5	24 Port Fiber patch panel (LIU) Fully loaded SM SC type (AMP)	2 nos.			
6	6 Port Fiber patch panel (LIU) Fully loaded SM (AMP)	8 nos.			
7	Single Mode SC to LC Patch Cord (AMP)	16 nos.			
Switches					
8	Core Switch - Switch with port density of Minimum 12 SFP and 4 Ggigabit Copper Ethernet (CISCO/ HP)	1			
9	SFP Transceiver Module SMF	16 nos.			
10	24 10/100/1000/ ports + 2 SFP port semi-manageable layer 2 switches (CISCO/ HP)	8			
11	8 10/100/1000/ ports + 2 SFP port semi-manageable layer 2 switches (CISCO/ HP)	1			
CAT 6 UTP Cabling					
12	CAT 6 UTP Cable (AMP)	2000 mts			
13	CAT 6 Information Outlet (AMP)	80 nos			
14	CAT 6 Patch Panel Modular Unloaded 1 U (AMP)	9 nos.			
15	Face Plate single shuttered (AMP)	40 nos.			
16	CAT 6 Patch Cord 2 meters (AMP)	40 nos.			
17	CAT 6 Patch Cord 1 meters (AMP)	40 nos.			
18	PVC back box 85 MM X 85 MM (AMP)	40 nos.			

Internet Gateway Security					
19	CRO100iNG with Firewall bandwidth management multiple link management VPN & on appliance reporting with security value subscription 3 year (CYBEROAM)	1			
Wireless Access Points					
20	300 Mbps N Series dual band PoE Wireless Access Points supporting multiple SSIDs and RADIUS (CISCO/HP)	8			
Conduits and Accessories					
21	32 MM HDPE pipe with fittings for OFC underground layering	800 mts.			
22	25 MM PVC Conduit with fittings	2500 mts			
23	25 MM GI Conduit with fittings	50 mts			
24	25 MM PVC channelwith fittings	100 mts.			
Installation/ Labor charges					
25	Trenching of soft soil upto a depth of 0.6 mts and filling the same	500 mts			
26	Route Markers with Plate				
27	Road cutting for OFC laying and refilling the same with cement concrete	10 mts			
28	Information outlet termination and nodes testing charges	40 nos.			
29	OFC laying charges through pipes in trenches and walls				
30	PVC conduit laying charges				
31	CAT 6 UTP Cable laying charges				
32	Wall Mount Rack fixing charges	9 nos.			
33	Floor mount Rack fixing and cabling charges	1 no.			
34	Fiber Core termination charges				
35	Network Documentation, testing, Labeling and Commissioning				