Detailed Specification for Networking Lab
Finalized by the Technical Committee

S. No.	Item	Qty
1	Compute Core i7 (8th generation or later) Branded, 8GB Ram, 1TB Hard Drive, 18.5" LED, Keyboard Mouse	25
2	Network Switches Gigabit (with fiber uplink) Layer2 48 ports	1
3	1G SFP MS Modules	5
4	Protection Housing for Wireless Access Points	6
5	UTP Cat6 cable full copper (per 1000 ft roll)	3
6	I/O + Face plate + Box	50
7	Patch Panel 48 ports	1
8	Patch Cables (3m)	50
9	RJ45 Connectors for Cat6 cable (100 pcs per Box)	5
10	Cable ducts for Network cables (as per size of the room) , size: 40mm x 40mm.	
11	Wall mounted Rack for Network for at least 4 Switches	1
12	Cisco 2911 w/3 GE,4 EHWIC,2 DSP,1 SM,256MB CF,512MB DRAM, IPB	2
13	SOLN SUPP 8X5XNBD 2911w3 GE4 EHWIC2 DSP1SM256MB CF512MBDRAM,	2
14	Security Paper PAK for Cisco 2901-2951	2
15	Unified Communication Paper PAK for Cisco 2901-2951	2
16	V.35 Cable, DTE Male to Smart Serial, 10 Feet	2
17	V.35 Cable, DCE Female to Smart Serial, 10 Feet	2
18	2-Port Serial WAN Interface Card	2

19	Cisco Catalyst 3650 24 Port PoE 4x1G Uplink IP Base	1
20	SOLN SUPP 8X5XNBD Cisco Catalyst 3650 24 Port PoE 4x1G Uplink	2
21	Linksys WRT1900ACS Wireless N-Router (b/g/n Wi-Fi) with Simultaneous Dual-Band, MIMO antenna array for expanded high speed coverage and reliability.	2
22	Multimedia Projector with screen and ceiling mounts **Display Device** DLP **No. of Pixels** 1024 x 768 or higher **Brightness** 4000 ANSI lumens or higher **Color Systems** PAL / SECAM / NTSC 4.43 / **Computer** HDMI / VGA **Network Terminal** Wired **Projection Method** Front, rear, ceiling **Data Cables** HDMI/VGA (20 meters each) **Other** Fall Ceiling Brackets, Casing,	1
23	Split ACs (DC Inverter Hot & Cool) or floor standing 2.0 Ton	2
24	LaserJet Printer: Network support, USB Support, 40ppm.	1
25	UPS 5KVA, offline, with 2 Dry Batteries 200 AH.	1
26	Stabilizer 15000W	1
27	Installation and Configuration Charges	1

Detailed Specification for
Computer Lab (Computer Sciences Department
Finalized by Technical Committee

S. No.	Name of Equipment	Qty
1	Computer Core i7 (8th generation or later) Branded, 8GB Ram, 1TB Hard Drive, 18.5" LED, Keyboard Mouse	50
2	Network Switches Gigabit (with fiber uplink) Layer2 48 ports	2
3	1G SFP MS Modules	2
4	Linksys WRT1900ACS Wireless N-Router (b/g/n Wi-Fi) with Simultaneous Dual-Band, MIMO antenna array for expanded high speed coverage and reliability.	2
5	UTP Cat6 cable full copper (per 1000 ft roll)	4
6	I/O + Face plate + Box	100
7	Patch Panel 48 ports	2
8	Patch Cables (3m), RJ45 Connectors for Cat6 cable (100 pcs per Box)	
9	Cable ducts for Network cables (as per size of the room) , size: 40mm x 40mm.	
10	Wall mounted Rack for Network Switches for at least 2 switches.	1
11	Interactive White Board minimum 98"	2
12	Multimedia Projector with screen and ceiling mounts **Display Device** DLP **No. of Pixels** 1024 x 768 or higher **Brightness** 4000 ANSI lumens or **Color Systems** PAL / SECAM / NTSC **Computer** HDMI / VGA **Network** Wired	2

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	Projection	Front, rear, ceiling	
	Data Cables	HDMI/VGA (20 meters	
	Other	Fall Ceiling Brackets,	
13	Split ACs (DC Inverter Hot & Cool) or floor standing 2.0 Ton		4
14	LaserJet Printer: Network support, USB Support, 40ppm.		1
15	Scanner Legal Size , PPI:600		1
16	UPS 5KVA, offline, with 2 Dry Batteries 200 AH.		2
17	Stabilizer 15000W		2
18	Installation and Configuration Charges		1

Note:- The Financial Bid Evaluation may be read as per following statement instead given in the tender documents.

1. **Financial Bid Evaluation**

After evaluation/marking of bidders in technical evaluation process, financial bids of only technically qualified bidders will be opened, comparative statement of prices will be prepared.

The winner of the bid will be decided on the basis of highest marks obtained in both technical and financial evaluation.