

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR
DEPARTMENT OF COMPUTER SCIENCE & ENGG**

To _____
M/S _____

**IITK/CSE/2018-19/29
20th Jun 2018**

Sub. Quotation for Network Devices and Servers

We are interested in purchasing the following equipment having the following specs. You are requested to send your sealed quotations along with compliance report, for the below listed product, as per given specifications. The envelope must be inscribed with **“Quotation for Network Devices and Servers”**.

Last date to submit your bids is 10th July 2018 by 1500 hrs.

S. No.	Item	Specs	QTY
1	Server PowerEdge 940	Server with minimum 4* Intel Xeon Gold 5115 2.4G, 10C/20T, 10.4GT/s , 14M Cache, Turbo, HT (85W)DDR4-2400 Processor, 512 RDIMM 2666MT/s Dual Rank RAM, Minimum 6 * 1.2 TB 10K RPM SAS 12Gbps 512n 2.5in Hot plug Hard Drive, Hardware RAID controller with minimum RAID level 5 with 12Gb/s SAS + 6Gb/s SATA interface, PCI-Express 3.0, 2 GB NV cached memory + flash backed cache support, Broadcom 57416 2 Port 10Gb Base-T + 5720 2 Port 1Gb Base-T + 3 * Broadcom 5719 QP 1Gb Network Interface Card, It shall support Open-manage Integrations + Connections, Ready Rails Sliding Rails Cable Management Arm, with redundant power supply (1+1) , 230V AC, 50 Hz.	1
2	Storage TS-853BU-RP-8G	2U rack Mount 8-Bay NAS with minimum configuration having quad-core 2.3GHz processor, 8GB DDR3 RAM, SATA 6Gb/s, 4 X GbE, PCIe slot for 10GbE, AES-NI encryption, 4K hardware transcoding, dual 4K HDMI v1.4b, 4 x USB 3.0, complete with redundant power supply, Rail kit, 5X4 TB 7200RPM, 6 GBPS Enterprise HDD	1
3	L3 Switch HP 5510	Ethernet Switch should have minimum these specifications like 24 Port Gigabit switch shall supports Open Flow 1.3 specification to enable SDN by allowing separation of the data (packet forwarding) + control (routing decision) paths and BGP protocol. Switch shall have minimum 8 ports supporting MACSec, 4 SFP+ 10GbE ports and 2 40GbE ports.	1
4	Firewall 90-D	90-D Fortinet	1
5	L3 Switch HP-1920	24 1Gig Ports Non POE	1
6	Firewall	Sophos XG-125	1
7	L3 Switch Juniper	24 1Gig Ports Non POE	1
8	Firewall	Cisco ASA5510 firewall	1
9	L3 Switch Linksys	24 1Gig Ports Non POE	1

10	Firewall	NGFW Checkpoint 3100	1
11	L3 Switch Cisco	24 1Gig Ports Non POE	1
12	Managed AP	Forti-321C	1
13	Managed AP	Sophos AP 55C	1
14	Managed AP	Cisco Aeronet	1
15	Managed AP	Juniper Access Point	1
16	Network Rack	Rack complete with auxiliary power supply etc. for above mentioned network devices	As Required
17	Console server	Console server to access and control above mentioned network devices	As Required
18	Patch / Power panel	Patch panel along with patch cords + power panel along with power cords for above mentioned network devices	As Required
19	Installation & Commissioning	Installation & commissioning of above mentioned hardware + integration with OpenNMS and AAA server	1
20	Training	15 days hand's on training at site	1

All the installation work is included

Terms & Conditions as per below mentioned link:

https://www.cse.iitk.ac.in/doc/Annexure1_General_rules_for_purchase_in_cse_20180205.pdf

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