



Public Tender No: IITGOA/CITS/004

Date: 04/02/2019

Corrigendum III to the Tender for supply, installation and commissioning of Networking Items, public tender No: IITGOA/CITS/004 dated: 18/01/2019.

For the tender for supply Networking Items at IIT Goa, Bid submission date and following specification for Sl.no-3 have been modified as follows:

Sl.No	Item Name	Specification
3	48 port Switch Manageable switch with 4 port OFC uplink	<ul style="list-style-type: none"> • Minimum of 48 ports 10/100/1000 Base-T with 4 SFP ports upgradable to 10G SFP+ ports. • 1 x Out of Band IP based management Port , 1 Console Port, USB Port / External Flash • Should support stacking. • Have Redundant Power Supply support. • Each switch should have minimum 176 Gbps or more with non blocking architecture and Forwarding rate of 130 Mpps • Should be equipped with minimum 1GB RAM and 1GB flash. • Should have LED indicator for per port status , FAN, PSU and Management Status • 0°C to 45°C operating temperature and 5% to 90% relative humidity. • Hardware and software configuration have for IPv6 from day one • Should have 16 K MAC Address, 4K active Vlans • Should support 10 K ARP entries • 802.1D spanning Tree and PVST+, 802.1w, 802.1s , Should have BPDU Guard or equivalent feature on edge port to auto disable port for a configurable time period to if an accidental loop occurs in the network • Should support aggregating and load balancing of traffic to two or more peer switches within same VLAN • Should have Port based VLAN, MAC based VLAN, private vlan and 802.1 AK for dynamic VLAN propagation. • Should have 8 Hardware QOS Queues per port • Should have traffic rate limiting with Configurable bandwidth granularity of 8 KBps • Should have Link Layer Discovery Protocol (802.1ab) to allow recognition of third party network devices and LLDP MED for auto configuration • Should have MAC address tracking and notification for mac address addition , delete or movement in the Network • Should support policy based routing and switching • Should have basic dynamic routing protocols like static routing, Default routing and RIP from day 1 and be upgradeable to OSPF, PIM. • Should have Configurable multicast session limit per port • Local authentication database for RADIUS Authentication for 802.1x login • Should have MAC security – Lockdown & Limit and MAC address tracking with syslog & snmp notification • Should have SSH-2, SCP, SFTP for secure management. • Should have dynamic arp inspection, DHCP snooping, Private VLAN. • Should have ASIC based traffic flow analysis based on Netflow/ sFlow/ Ipfix • Should have minimum 1 K ACL entry support and Time Based ACL • Should have scheduled archiving / uploading of configuration and system log to a central server • Should support inbuilt DHCP server and Client for quick configuration of endpoints and switch • Telnet server, ssh server, Ping and traceroute over Ipv6 • Web, Console and CLI management • Dual firmware and configuration rollback • Inbuilt browser based bandwidth monitoring • Should support Energy Efficient Ethernet 802.3az

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| | | <ul style="list-style-type: none">Model should have safety and standards certifications as below :EN 55022 Class A, CISPR 22. |
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Important Dates:

Sl.No	Description	Date	Time
1	Pre bid submission meeting- survey for installation. (Kindly send the confirmation mail to sysad@iitgoa.ac.in)	06-02-2019	10.30 AM To 12.00 AM
2	Bid submission last date	21-02-2019	05.30 PM
3	Bid opening date	22-02-2019	04.00 PM

*** All other items, and terms and conditions remain unchanged.

Sd/-
Coordinator, CITS