

**MAHARASHTRA REMOTE SENSING APPLICATION CENTRE,
NAGPUR**

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Corrigendum to Tender RFQ Number: MRSAC/LAN-NETWORK/03/2025
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The modification in respective sections of the RFQ through this corrigendum is enclosed herewith and this corrigendum shall be read along with the published tender document.

Sr No	Bid Document Reference (Volume, Section No., Page No.)	Existing Description Of the Item	Modification
1.	Schedule 1-, Technical Specifications-, Sr No- 15, Page no- 11,	10G SFP Switch	Specification: - Please refer Annexure 1

Sd/-
Director, MRSAC,
Nagpur

Annexure 1

Sr. No.	Specifications of Switch	Compliance (Yes / No)
1.	The switch should have 24 nos. 10 Gbps Ethernet Base-T MM, 4 X 25Gbps SFP28 Uplinks fully populated with required transceivers	
2.	Shall have minimum 680 Gbps of switching capacity	
3.	Switch Should have port forwarding rate of minimum 800 Mpps.	
4.	The switch should support 100K MAC address.	
5.	The switch must support Stacking/MLAG or equivalent configuration and to be configured for high availability with necessary cable / modules to be supplied with the switch	
6.	The switch should have stacking/MLAG or equivalent support minimum 4 switches in a single stack/PoD with stacking/MLAG	
7.	Switch shall support to create PoDs of multiple switches using industry standard technologies like MLAG or equivalent	
8.	The switch should support an Internal redundant Power Supply and fans	
9.	The switch should support IEEE 802.1D Spanning Tree Protocol, IEEE 802.1p, IEEE 802.1Q Trunking, IEEE 802.1s Multiple Spanning Tree (MSTP), IEEE 802.1w Rapid Spanning Tree (RSTP), IEEE 802.1x, IEEE 802.1AB Link Layer Discovery Protocol (LLDP), IEEE 802.3ad Link Aggregation Control Protocol (LACP), IEEE 802.3x full duplex, IEEE 802.1Q VLAN encapsulation, IEEE 802.1x	
10.	The switch should support RMON standards, SNMP v1, v2c, and v3, Spanning- tree, IGMP filtering, Multicast Listener Discovery (MLD)/IGMP, LLDP, UDLD / Bridge assurance / BFD, LACP, ARP, DHCP or IGMP snooping.	
11.	The switch should support discovery of the neighbouring device giving the details about the platform / IP Address / Link connected through etc.	
12.	Static Routing for IPv4 and IPv6	
13.	Shall support Strict Priority Queuing (SP) / Weighted Fair Queuing (WFQ) / Weighted Deficit Round Robin (WDRR)configurable buffers and Explicit Congestion Notification (ECN)	
14.	The switch should support Control- and Data-plane QoS ACLs	
15.	Shall support ACL or port ACL or IPv4/IPv6 ACL	
16.	Shall support applying QoS policies on a port, VLAN, or whole switch, to set priority level or rate limit selected traffic	

17.	The switch should support Command Line Interface (CLI) support for configuration & troubleshooting purposes.	
18.	The switch should support four RMON groups (history, statistics, alarms, and events) for enhanced traffic management, monitoring, and analysis	
19.	The switch should support Trivial File Transfer Protocol (TFTP) /SCP/SFTP to reduce the cost of administering software upgrades by downloading from a centralized location	
20.	The switch should support SNMP v1, v2c, and v3 of-band management.	
21.	The switch should support Telnet interface, support for comprehensive in- band management of band management.	
22.	The switch should support Port-based ACLs or ACLs for Layer 2 interfaces to allow application of security policies on individual switch ports.	
23.	The switch should support SSHv2 and SNMPv3 to provide network security.	
24.	The switch should support TACACS+ / RADIUS authentication enable centralized control of the switch and restrict unauthorized users from altering the configuration.	
25.	The switch should support RFC 951 - Bootstrap Protocol (BOOTP) or DHCP	
26.	The switch should support VLAN, MAC address / ARP / route notification to allow administrators to be notified of users added to or removed from the network.	
27.	The switch should support Port security to secure the access to an access or trunk port based on MAC address.	
28.	The switch should support Multilevel security on console access to prevent unauthorized users from altering the switch configuration.	
29.	The switch should support DHCP snooping to allow administrators to ensure consistent mapping of IP to MAC addresses DHCP binding database, and to rate- limit the amount of DHCP traffic that enters a switch port.	
30.	The switch should support DHCP Interface Tracker feature to augment a host IP address request with the switch port ID.	
31.	Bidder should provide DAP cables for uplink ports of switch; quantity will be as per the actual requirement	