

**Clarification no.- III dated 27.05.2023 to the Bidding Documents for Package- Implementation of Wi-Fi and LAN services inside Farakka barrage Campus ( ER2/NT/W-TELE/DOM/ZA4/23/01245)- Rfx No. 5002002668**

Sl. No.	Section No.	Clause No.	Page No.	Sub-clause /Heading	Tender Clause	Query and change requested	Clarification-III
1	2	2.3.1	2	Stackable 12 Nos SFP Ethernet Port Distribution Switch	Ports: 12 Nos – 01/10G SFP+ ports, 4 x 10G SFP	We believe that you require 12 x 1G + 4 x 10G wherein 12 x 1/10G is not possible & not required in the network. We propose that 8 x 10G + 16/24 x 1G interfaces to meet the network requirement. Kindly except the same so that multiple Indian OEMs can bid	The provisions of Sl no. 1 of Amendment-I dated 05.05.2023 shall remain unchanged
2	2	2.3.1	2		Switching Capacity: 320 Gbps without Stacking BW	By considering above interfaces i.e 16/24 x 1G SFP + 8 x 10G SFP+ Interfaces, the switching fabric should be 200 Gbps. Kindly amend the same.	Provisions of bidding document shall remain unchanged
3	2	2.3.1	3		7. L2 & L3 Features: Should support Port base, MAC base, Protocol base and Voice VLAN, Loop Detection and Loop protection, RSTP, MSTP, RIPv1&v2, OSPF V3, BGP, Policy-based routing, VRRP V3, PIM, PIM-SM, PIM-DM, PIM sparse-dense mode, and Source-Specific Multicast (SSM).	PIM is multicast L3 technology having multiple ways of implementation i.e PIM-SM/DM/SSM. PIM-DM is an old way & obsolete way of implementation of multicast. As per standard practice, PIM-SM & SSM are generally deployed. Request to remove PIM-DM.	Provisions of bidding document shall remain unchanged
4	2	2.3.1	3		Security features:, Port security, DHCP snooping, Dynamic ARP inspection (DAI), IP source guard, The Unicast Reverse Path Forwarding (uRPF), Bidirectional data support on a SPAN, User authentication, Private VLAN, Router and VLAN ACLs, complete identity and security, Multidomain authentication, MAC address notification, IGMP filtering, Secure Shell (SSH) Protocol, Kerberos, and Simple Network Management Protocol Version 3 (SNMPv3), Port-based ACLs, IEEE 802.1ae, TACACS+ and RADIUS authentication, Bridge protocol data unit (BPDU) Guard, Spanning Tree Root Guard (STRG).	Since, URPF is a Foreign OEM specification & not required in this network. Kindly remove it so that Indian Manufacturers can bid	The provisions of Sl No. 1 of Amendment-II dated 10.05.23 shall remain unchanged
5	2	2.3.1	3		Common Criteria Certificate: Product series or its' operating system series must have Common Criteria certification with EAL3/NDPP or better certification level.	Since EAL2/NDPP is a foreign certification to check the vulnerability on hardware OS. Vulnerability Assessment and Penetration Testing (VAPT) issued by STPI (under ministry of Electronics and Information Technology) is the security certificate issued in line with DOT security requirement. Request you to kindly accept the VAPT certificate also.	The provisions of Sl no. 4 of Amendment-I dated 05.05.2023 shall remain unchanged
6	2	2.3.2	4		24 Port 10/100/1000 Mbps with 4 Nos SFP Ports Access Switch	Common Criteria Certificate: Product series or its' operating system series must have Common Criteria certification with EAL3/NDPP or better certification level.	Since EAL2/NDPP is a foreign certification to check the vulnerability on hardware OS. Vulnerability Assessment and Penetration Testing (VAPT) issued by STPI (under ministry of Electronics and Information Technology) is the security certificate issued in line with DOT security requirement. Request you to kindly accept the VAPT certificate also