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No: UH/CC-CNF/NSCWoMII/2022-23/171

Date:09.12.2022

CORRIEGENDUM

Corrigendum to NIT Ref No.: UH/CC-CNF/NS_WoMII/2022-23/155 dated 23.11.2022
is issued as under:

**Subject: Supply of Manageable Network Switch(s), Commissioning, Configuring and
Network Augmentation of the University Campus**

Under Terms & Conditions:

12.	Delivery Period & Commissioning	The supplier should be able to deliver the items within Twenty-Eight (28) days from the date of issue of the purchase order. Commissioning should be completed in within SIX (6) weeks from the date of delivery report.
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To be Read as

12.	Delivery Period & Commissioning	The supplier should be able to deliver the items within MAXIMUM OF SIXTEEN (16) WEEKS FROM THE DATE OF ISSUE OF THE PURCHASE ORDER. Commissioning should be completed in within Four (4) weeks from the date of delivery report.
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Under Annexure-I (TECHNICAL SPECIFICATIONS CUM COMPLIANCE SHEET)

A) Manageable Layer 2 Switch Technical Specifications

(Layer 2 Manageable switch with Enterprise Layer 2 Capabilities, Stackable, Rack mountable with all required accessories (Console Cable, Stack cables, Power Cable etc.) and licenses if any

S.No.	Required Feature	Detailed Technical Description	To be read as
2	Stacking Capacity	Should support minimum no. of 6 units in one stack.	Should support minimum no. of 4

S.No.	Required Feature	Detailed Technical Description	To be read as
			units in one stack.
3	Stacking Cable	Stacking cable should be of the same OEM of the switch make to ensure compatibility and maximum performance.	No Change
6	IP Address Versions	1. Should support Dual stack for both IPv4 and IPv6.	No Change
		2. IPv6 logo ready from day 1.	Stands deleted
7	SDN/OpenFlow	Switch should support either of SDN/Openflow	Optional
8	VLANs	Should support at least 1024 VLANs	No Change
12	Management Security	1. Login Security	No Change
		2. Management Interface Access Filtering (SNMP, Web, Telnet)	No Change
		3. SSH (v1.5/v2.0) for security Telnet	No Change
24	Power cord	Power cord: 3 Pin (5A) Indian Standard power cord	No change, must be compatible with Indian scenario.
26	Operating temperature	-0 to +50°C	Stands Deleted
27	Storage Temperature Range	-25 to +65°C	Stands Deleted

B) Manageable Layer 3 Switch Technical Specifications

(Layer 3 Manageable switch with Enterprise Layer 3 Capabilities, Stackable, Rack mountable with all required accessories (Console Cable, Power Cable etc.) and licenses if any

S.No.	Required Feature	Detailed Technical Description	To be read as:
Make:			
Model No.:			

S.No.	Required Feature	Detailed Technical Description	To be read as:
1	Port Configuration (Capacity)	1. 16 numbers of 1/10 Gbps SFP+ auto-sensing ports	Minimum 16 ports of 1/10 Gbps SFP+ auto-sensing ports
		2. 2 numbers of 40 Gbps QSFP auto-sensing ports	2 numbers of minimum 40 Gbps QSFP auto-sensing ports
2	Stacking Capacity	1. Should support minimum no. of 4 units in one stack.	No Change
		2. Should support for active/active clustering, VSS or equivalent technology for higher availability of Layer 2 and Layer 3 including video applications with clustering bandwidth of 160 Gbps.	No Change
		3. Should support for 160Gbps stacking bandwidth with dedicated stacking ports.	No Change
3	Stacking Cable	Stacking cable should be of the same OEM of the switch make to ensure compatibility and maximum performance.	No Change
6	IP Address Versions	1. Should support Dual stack for both IPv4 and IPv6.	No Change
		2. IPv6 logo ready from day 1.	Stands deleted
7	SDN/OpenFlow	Switch should support SDN. Switch should support OpenFlow version 1.3 or higher version	Optional

S.No.	Required Feature	Detailed Technical Description	To be read as:
8	VLANs	Should support at least 1024 VLANs	No Change
12	Management Security	1. Login Security	No Change
		2. Management Interface Access Filtering (SNMP, Web, Telnet)	No Change
		3. SSH (v1.5/v2.0) for security Telnet	No Change
24	Power cord	Power cord : 3 Pin (5A) Indian Standard power cord	No change, must be compatible with Indian scenario.
26	Layer 2 Features	1. Supports for IEEE 802.3ac, IEEE 802.3az, IEEE 802.1ab, IEEE 802.3ad IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, IEEE 802.1D	No Change
		2. Switch must support G.8032 or equivalent ring protection technology for sub 50ms (or lower) for seamless recovery	Switch must support G.8032 or equivalent
27	Layer 3 Features	Static routing, RIP, RIPng, OSPF, OSPFv3, PIMv4-SM, PIMv6-SM ,DM, SSM, DHCP & DNS client and relay for both IPv4 and IPv6 (dual stack) based on network requirements	Static routing, RIP, OSPF, OSPFv3, PIMv4-SM, PIMv6-SM ,DM, DHCP & DNS client and relay for both IPv4 and IPv6 (dual stack) based on network requirements
29	Operating temperature	0 to +45°C	Stands Deleted
30	Storage Temperature Range	-25 to +70 °C	Stands Deleted

C) 1/10 Gbps SFP+ Module Technical Specifications

S.No.	Required Feature	Detailed Technical Description	To be read as
Make :			
Model No. :			
1	1/10 Gbps SFP+ Module	1. 1/10 Gbps SFP+ Transceiver and the switch should be of same make/OEM to ensure compatibility and maximum performance.	No Change
		2. 10GLR 1310 nm medium-haul, 10 km with standard SMF industrial temperature	10GLR 1310 nm medium-haul, 10 km with standard SMF.

D) 1/2.5/5/10 Gbps T Module Technical Specifications

To be read as

1/10 Gbps T Module Technical Specifications

S.No.	Required Feature	Detailed Technical Description	To be read as
Make:			
Model No.:			
1	1/2.5/5/10 Gbps T Module	1. 1/2.5/5/10 Gbps T Transceiver and the switch should be of same make/OEM to ensure compatibility and maximum performance.	1/10 G Gbps T Transceiver and the switch should be of same make/OEM to ensure compatibility and maximum performance.
		2. 1/2.5/5/10 Gbps, 100m copper	1/10 G Gbps Copper

NOTE:

- 1) ALL OTHER SPECIFICATIONS REMAIN AS IS.
- 2) **CORRIGENDUM SHOULD ALSO BE ENCLOSED ALONG WITH THE BID.**
- 3) THE LAST DATE FOR SUBMISSION OF BIDS HAS BEEN **EXTENDED TO 19.12.2022 By 2.30 PM.**

Sd/-
Director (CC, CNF)