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Tender No. IITT/CC/2022-23/18 **Date: 01 July 2022**

NOTICE INVITING TENDER FOR SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF WIRED ACTIVE COMPONENTS

(E-PROCUREMENT MODE ONLY)

CORRIGENDUM-VII

S.No.	TENDER CLAUSE NO.	In place of	To be read as
1	Corr. I, Pg. No. 12, Item 1: Core Switch, (S.No. 5h)	Switch should able to integrate with netflow or equivalent based campus visibility and threat detection solution and should able to support threat detection within encrypted traffic	Switch should be able to integrate with netflow or equivalent sflow/jflow protocol support for campus visibility. Should be able to support threat detection within encrypted traffic or equivalent technology.
2	S.No. 8, in Corr. V, Item 1: Core Switch (S.No. 1k)	Two core switches within the same rack are to be configured in HA connectivity with a minimum of 400Gbps duplex backplane bandwidth by using 2 nos of 100G 5meters-DACs/transceivers on day1. In addition, 2 numbers of 100G 5meters-DAC/transceivers as spare, and 2 nos of 10G DAC/transceivers (or 2 nos 5m splitter cable 40G to 4nos 10G) for connecting to WLCs to be supported and included with no additional cost, on day 1.	Two core switches within the same rack are to be configured in HA connectivity with a minimum of 400Gbps duplex backplane bandwidth by using 2 nos of 100G 3meter-DACs/transceivers on day1. In addition, 2 numbers of 100G 5meter-DAC/transceivers as spare, and 2 nos of 10G DAC/transceivers (or 2 nos of 3meter-splitter cable 40G to 4nos 10G) for connecting to WLCs to be supported and included with no additional cost, on day 1.
3	S.No. 14, in Corr. V, Item 2: 48-port Distribution Switch (S.No. 1b)	Switch should have minimum 4x40/100G ports, for creating the HA (within the rack) using stacking/virtual stacking. SM Transceivers for 40G uplinks to be provided (as per the count and spec. mentioned in tender clause S.No. 9) in Day 1. In addition, i) 6 nos of 5meter-100G DAC cables/transceivers for stacking for a minimum of two distribution switches	Switch should have minimum 4x40/100G ports, for creating the HA (within the rack) using stacking/virtual stacking. SM Transceivers for 40G uplinks to be provided (as per the count and spec. mentioned in tender clause S.No. 9) in Day 1. In addition, i) 8 nos of 3 meter-100G DAC cables/transceivers for stacking for a minimum of two distribution switches within each rack for a total of 8 such

		within each rack for a total of 6 such racks, ii) 8 Nos of 40G MM transceiver modules (min. 500mtrs) for connecting two nos. distribution racks to the core switch (located within the building) to be included with no additional cost in Day1.	racks, ii) 8 Nos of 40G MM transceiver modules (LC) (max. 100 mtrs) for connecting two nos. distribution racks to the core switch (located within the building) to be included with no additional cost in Day1.
4	S.No. 27, in Corr II, Item 3: 48-port mGig (S.No. 1b)	Switch shall have 36 number of 2.5G Base-T mGig PoE+ ports and 12 number of 5G Base-T mGig PoE+ ports with minimum 2x40 Gbps dedicated uplink user bandwidth from Day 1	Switch shall have 36 numbers of 2.5G Base-T mGig PoE+ ports and 12 numbers of 5G Base-T mGig PoE+ ports with minimum 4xSFP28 (10/25G) uplink ports from Day 1.
5	Corr. I, Pg. No. 18, Item 4: 24 port full MGig Access Switch, S.No. 1b	Switch shall have 24 minimum 5G Base-T mGig PoE+ ports and 4 nos. SFP+ dedicated uplink ports from Day 1	Switch shall have 24 minimum 5G Base-T mGig PoE+ ports and 4 nos. SFP28(10/25G) uplink ports from Day 1.
6	Corr. I: Pg. No. 16, Item 3: 48-port mGig (S.No. 2g), and Pg. No. 18, Item 4: 24-port mGig (S.No. 2g)	Switch should have a 8MB or more packet buffer, if the forwarding and control plane are not separate.	This clause is removed.
7	Corr. I, Pg. No. 21, Item 5: 48-port PoE+ (S.No. 2g), Pg. No. 22, Item 6: 24-port PoE+ (S.No. 2g), Pg. No. 24, Item 7: 48-port Non-PoE (S.No. 2g), Pg. No. 26, Item 8: 24-port Non-PoE (S.No. 2g)	Switch should have a 6MB or more packet buffer, if the forwarding and control plane are not separate.	This clause is removed.
8	Corr. I, Pg. No. 29, Item 13: 8-port PoE+ (S.No. 2g)	Switch should have a 2MB or more packet buffer, if the forwarding and control plane are separate.	This clause is removed.
9	Corr. I, Pg. No. 27, Item No. 10: 25G MM transceiver (mGig Access to distribution), S.No. 4.	Distance: 550 meters	Distance: 300 meters (Note: IITT provides OM4 type MM cables.)
10	Corr. I. Pg. No. 28, Item 12: 10G MM transceiver (access to distribution), S.No. 4	Distance: 550 meters	Distance: 300 meters. (Note: IITT provides OM4 type MM cables.)
11	Corr. II. Pg. No. 1, S.No. 3, NAC	As part of the solution, OEM should include and provide a highly powerful and flexible attribute-based access control solution that combines authentication, authorization, and	Part of the solution to include and provide a highly powerful and flexible attribute-based access control solution that combines authentication, authorization, and accounting (AAA);

		accounting (AAA); profiling; posture/health check; BYOD, guest management services and TACACS based device administration on a single platform for both wired as well as wireless users from day 1.	profiling; posture/health check; BYOD, guest management services with the proposed NAC Solution. TACACS based device administration can be either built-in or external. If third party NAC is proposed, the TACACS based device administration can be provided by the OEM of the switching platform for both wired as well as wireless users from day 1, with no additional cost.
12	Corr. II. Pg. No. 2, S.No. 3, NAC (iv)	Solution should enable administrators to centrally configure and manage profiler, posture, guest, authentication, and authorization services in a single web-based GUI console, greatly simplifying administration by providing consistency in managing all these services.	Solution should enable administrators to centrally configure and manage profiler, posture, guest, authentication, and authorization services in a web-based GUI/GUI Based console, greatly simplifying administration by providing consistency in managing all these services.
13	Corr. II. Pg. No. 3, S.No. 3, NAC (ix)	Should support Identity source sequences which defines the order in which the solution will look for user credentials in the different databases. Solution should support the following databases: Internal Users, Internal Endpoints, Active Directory, LDAP, RSA, RADIUS Token Servers, Certificate Authentication Profiles	Should support Identity source sequences which defines the order in which the solution will look for user credentials in the different databases. Solution should support the following databases: Internal Users / Internal Endpoint and Active Directory , LDAP, RSA, RADIUS Token Servers, Certificate Authentication Profiles.
14	Corr. II. Pg. No. 3, S.No. 3, NAC (xiii)	For complete integration, the entire solution for access-based policies and control should be from same OEM.	The Solution should be integrated to provide the complete functionality requested in the Functional requirements of the NAC, required 3rd party softwares should be included to the proposal from Day1, with no additional cost.
15	Corr. II. Pg. No. 3, S.No. 3, NAC (xiv)	shall have built-in certificate authority (CA) to secure device onboarding without requiring the implementation of an external CA or make changes to an internal public key infrastructure (PKI).	Shall have built-in/external certificate authority (CA) to secure device onboarding or make changes to an internal public key infrastructure (PKI). If external CA is proposed, it has to be provided as part of the solution, from day 1, with no additional cost.

Important Note: All of the aforementioned clauses and their changes are to be applied to their respective clauses in "Technical Compliance" Sections of the applicable Corrigenda, and the original tender document.

Sd/-
Deputy Registrar