

S.No.	Page no.	Clause No.	Bid Clause	Bidders Query	Response to Query
1	94	10	The AP should have two 2.4GHz omnidirectional antennas with 5 dBi peak gain and Four 5GHz omnidirectional antennas should with 6 dBi peak gain or better.	Request you to please change this clause to  The AP should have peak antenna gain of 3.5dBi gain on 2.4GHz and 5.4dBi in 5GHz and should have Four integrated dual-band omni-directional antennas	Bidder to comply RFP terms & condition.
2	95	4	Must support minimum 4X4:4 MU-MIMO on both bands. (2.4 and 5GHz)	Request you to please change this clause to  Must support minimum 2X2:2 MU-MIMO on 2.4Ghz and 4X4:4 MU-MIMO on 5GHz	Bidder to comply RFP terms & condition.
3	95	6	Access Point must support aggregate data rate of minimum 4.8Gbps.	Request you to please change this clause to  Access Point must support aggregate data rate of minimum 2.9 Gbps.	Bidder to comply RFP terms & condition.
4	95	10	The AP should have four 2.4GHz omnidirectional antennas with 4 dBi peak gain and four 5GHz omnidirectional antennas should with 6 dBi peak gain or better	Request you to please change this clause to  The AP should have peak antenna gain of 3.5dBi gain on 2.4GHz and 5.4dBi in 5GHz and should have Four integrated dual-band omni-directional antennas.	Bidder to comply RFP terms & condition.
5	96	22	Access point should be IP67/NEMA compliant.	Request you to please change this clause to  Access point should be IP66/IP67 compliant.	Bidder to comply RFP terms & condition.
6	97	10	The solution should provide the automated client and network insights to auto troubleshoot issues with DHCP, DNS, Gateway/ARP, Radius etc. related issues.	Request you to please change this clause to  The solution should provide network insights to auto troubleshoot issues with DHCP, DNS, Gateway/ARP, Radius etc. related issues.	Bidder to comply RFP terms & condition.
7	98	8	128 Gbps or higher Backplane capacity and minimum 244 Mpps of forwarding rate (excluding the stacking bandwidth and forwarding)	Request you to please change this clause to  128 Gbps or higher Backplane capacity and minimum 95 Mpps of forwarding rate.	Please include stacking bandwidth as well if required
8	99	12	It should have static IP routing from Day1 and should be upgradable to support OSPF, PIM, EVPN-VXLAN and BGP.	Request you to please change this clause to  It should have static IP routing and OSPF from Day1.  At Access level switch PIM, EVPN-VXLAN and BGP is not required.	Bidder to comply RFP terms & condition.

S.No.	Page no.	Clause No.	Bid Clause	Bidders Query	Response to Query
9	99	13	The switch should support 32k IPv4/ 16K IPv6 and 16k Multicast Routes/entries	Request you to please change this clause to  The switch should support 2k IPv4/ 1K IPv6 and 700 Multicast Routes/entries  At Access level switch such a higher route and multicast entries are not required.	Bidder to comply RFP terms & condition.
10	99	17	Should support IP Source Guard, DAI and IPv6 Security feature like IPv6 RA Guard and IPv6 Neighbour Discovery Inspection	Request you to please change this clause to  Should support IP Source Guard or Dynamic IP Lockdown, DAI /ARP protection and IPv6 Security feature like IPv6 RA Guard or Dynamic IP Lockdown and IPv6 Neighbour Discovery Inspection or Pv6 Neighbor Discovery	Bidder to comply RFP terms & condition.
11	99	22	Switch should be capable of supporting IEEE 802.1ae MACsec (AES-256) in future with/without additional license.	Request you to please remove this clause.  For LAN campus network MACsec feature is not required.	Bidder to comply RFP terms & condition.
12	99	25	The Switches support perpetual PoE, which provides uninterrupted power to connected PoE powered devices even when the switch is rebooting.	Request you to please change this clause to  The Switches support perpetual PoE or always-on PoE , which provides uninterrupted power to connected PoE powered devices even when the switch is rebooting.	Bidder to comply RFP terms & condition.
13	100	29	Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified	Request you to please change this clause to  Switch should be UL60950-1/UL 62368-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024/ EN 55035, EN 300386/ EN 61000-3-2 , CAN/CSA 22.2 No.60950-1/62368-1,Reduction of Hazardous Substances (ROHS) certified  Now New equivalent standard has come.	Kindly read it as:  Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified or equivalent Indian Government Standard
14	101	14	The Proposed Switch should support 802.1D, 802.1s, 802.1w, VSTP	Request you to please change this clause to  The Proposed Switch should support 802.1D, 802.1s, 802.1w, VSTP/MSTP	Please consider equivalent protocol
15	101	15	The Proposed Switch should support IEEE 802.3ad Link Aggregation of up to 128 groups of 8 ports per group	Request you to please change this clause to  The Proposed Switch should support IEEE 802.3ad Link Aggregation of up to 32 groups of 8 ports per group	Bidder to comply RFP terms & condition.
16	101	18	The Proposed Switch should support Port-Based and MAC-Based VLANs, Voice VLAN, Private VLAN, 802.1Q VLAN Tagging, 802.1Q-in-Q VLAN Stacking.	Request you to please change this clause to  The Proposed Switch should support Port-Based and MAC-Based VLANs or Protocol based VLAN ,Voice VLAN, Private VLAN, 802.1Q VLAN Tagging, 802.1Q-in-Q VLAN Stacking	Bidder to comply RFP terms & condition.
17	101	19	The Proposed Switch should support IEEE 802.1ag, IEEE 802.3ah, 802.3x, IEEE 802.1br.	Request you to please remove IEEE 802.1ag, IEEE 802.3ah, IEEE 802.1br  Please change this clause to  The Proposed Switch should support 802.3x.	Bidder to comply RFP terms & condition.

S.No.	Page no.	Clause No.	Bid Clause	Bidders Query	Response to Query
18	101	22	The Proposed Switch Should Support minimum 100 IPv6 unicast routes or more and 1,000 IPv6 multicast routes or more.	Request you to please change this clause to The Proposed Switch Should Support minimum 100 IPv6 unicast routes or more and 700 IPv6 multicast routes or multicast group or more	Bidder to comply RFP terms & condition.
19	101	23	The Proposed Switch should be capable to Support Layer3 routing protocols like Static, RIP v1/v2, OSPF, RIPnG, OSPFv3 from day1.		No query present.
20	101	24	The Proposed Switch should be capable to Support IGMP v1,v2,v3, IGMP snooping, PIM SM, SSM and DM with additional license as and when required.	Request you to please change this clause to The Proposed Switch should be capable to Support IGMP v1,v2,v3, IGMP snooping,	Bidder to comply RFP terms & condition.
21	102	28	The Proposed Switch Should Support DHCP Snooping, DAI, MAC-Limiting, MAC-Security, 802.1X dynamic ACL based on RADIUS attributes	Request you to please change this clause to The Proposed Switch Should Support DHCP Snooping, DAI / ARP protection, MAC-Limiting, MAC-Security, 802.1X dynamic ACL based on RADIUS attributes	Bidder to comply RFP terms & condition.
22	102	30	The Proposed Switch Should Support following L2-L4 classification criteria: Interface, MAC address, Ether Type, 802.1p, VLAN, IP address, DSCP/IP precedence, TCP/UDP port numbers	Request you to please change this clause to The Proposed Switch Should Support following L2-L4 classification criteria: Interface, MAC address, Ether Type/Class of service (CoS), 802.1p, VLAN, IP address, DSCP/IP precedence, TCP/UDP port numbers	Bidder to comply RFP terms & condition.
23	102	32	The Proposed Switch Should Support Following Scheduling methods (egress): Strict Priority (SP), deficit weighted round-robin (SDWRR)	Request you to please change this clause to The Proposed Switch Should Support Following Scheduling methods (egress): Strict Priority (SP), deficit weighted round-robin (SDWRR)/ DWRR scheduling	Bidder to comply RFP terms & condition.
24	102	33	The Proposed Switch Should Support Congestion avoidance capabilities: Tail drop	Request you to please change this clause to The Proposed Switch Should Support Congestion avoidance capabilities: Tail drop or Strict queue shaping	Bidder to comply RFP terms & condition.
25	102	38	The Proposed Switch Should support features for Operational simplicity such as Rescue Configuration, Automated and manual Configuration rollback.	Request you to please change this clause to The Proposed Switch Should support features for Operational simplicity such as Automated and manual Configuration rollback.	Bidder to comply RFP terms & condition.
26	103	43	The switch should comply with following safety certification <ul style="list-style-type: none"> <li>UL-UL60950-1, C-UL to CAN/CSA 22.2 No.60950-1</li> <li>TUV/GS to EN 60950-1, Amendment A1-A4, A11</li> <li>CB-IEC60950-1, all country deviations</li> <li>EN 60825-1</li> </ul>	Request you to please change this clause to Switch should be UL60950-1/UL 62368-1, CAN/CSA 22.2 No.60950-1 or CAN/CSA C22.2 No. 62368-1:19 <ul style="list-style-type: none"> <li>EN 60950-1, Amendment A1-A4, A11 or EN 62368-1:2014+A11:2017</li> <li>CB-IEC60950-1 or IEC 62368-1:2014 2nd Ed , all country deviations</li> <li>EN 60825-1 or IEC 61000-4-3</li> </ul> Now New equivalent standard has come.	Equivalent Indian Certificate will be accepted
27	104	7	The Switch should be 1 U Rack mountable and should provide stacking of minimum 8 switches. (All the stacking accessories should be included from day 1).	Request you to please change this clause to The Switch should be 1 U Rack mountable and should provide stacking or active-active control plane technology between 2 switches. (All the stacking accessories should be included from day 1).	Bidder to comply RFP terms & condition.

S.No.	Page no.	Clause No.	Bid Clause	Bidders Query	Response to Query
28	104	11	Support for at least 4000 VLANs & 100K MAC address	Request you to please change this clause to Support for at least 1000 VLANs & 100K MAC address	Bidder to comply RFP terms & condition.
29	104	14	The switch should support 80k IPv4/ 40K IPv6 and 16k Multicast Routes/entries.	Request you to please change this clause to The switch should support 24k IPv4/ 12K IPv6 and 4k Multicast Routes/entries.	Bidder to comply RFP terms & condition.
30	104	18	Should support IP Source Guard, DAI and IPv6 Security feature like IPv6 RA Guard and IPv6 Neighbour Discovery Inspection	Request you to please change this clause to Should support IP Source Guard or Dynamic IP Lockdown, DAI /ARP protection and IPv6 Security feature like IPv6 RA Guard or Dynamic IP Lockdown and IPv6 Neighbour Discovery Inspection or IPv6 Neighbor Discovery	Bidder to comply RFP terms & condition.
31	104	23	Switch should be capable of supporting IEEE 802.1ae MACsec (AES-256) in future with/without additional license.	Request you to please remove this clause. For LAN campus network MACsec feature is not required.	Bidder to comply RFP terms & condition.
32	104	24	Should support Energy Efficient Ethernet	Request you to please change this clause to Should support Energy Efficient Ethernet or support for RoHS (EN 63000:2018) regulations	Bidder to comply RFP terms & condition.
33	105	29	Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified	Request you to please change this clause to Switch should be UL60950-1/UL 62368-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024/ EN 55035, EN 300386/ EN 61000-3-2 , CSA 22.2 No.60950-1/62368-1,Reduction of Hazardous Substances (ROHS) certified Now New equivalent standard has come.	Kindly read it as: Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified or equivalent Indian Standard
34	50	5	Partnership Level: The Bidder should have the Premium/Gold/Platinum or above level of partnership with the respective OEM he is bidding for.	Pls. change this clause to - Partnership Level: The Bidder should have the Silver/ Premium/Gold/Platinum or above level of partnership with the respective OEM he is bidding for.	Bidder to comply RFP terms & condition.
35	2	1 BID SCHEDULE & ABBREVIATIONS- 6	Earnest Money Deposit	Query - Is there a levy for MSME organisations. Please consider.	Bidder can submit MSME certificate as an exemption of the EMD.
36	51	9 Annexure C: Eligibility Criteria SelectioN- 8	Bidder and OEM should have Toll Free Technical Assistance Centre should be available 24x7, without any holidays. The OEM should have its own website having product related information support related information.	Query - Please change Bidder and OEM should have toll free to "Please change Bidder or OEM should have toll free"	Bidder to comply RFP terms & condition.
37	85	27. Annexure-U: Bill of Material: - A.7	INDOOR Access Point: - 802.11a/b/g/n/ac /ax. support minimum 4x4:4 MU-MIMO on at least 5Ghz Band. aggregate data rate of minimum 2.9 Gbps (2.4 Gbps on 5 GHz and 500 Mbps on 2.4 GHz). 2.4GHz omnidirectional antennas with 5 dBi peak gain and Four 5 GHz omnidirectional antennas with 6 dBi peak gain or better. support WPA2/WPA3 enterprise authentication and AES encryption. AP must support Authentication via 802.1X and Active Directory. Cloud/On-prem subscription and support for Indoor Access Point. Direct OEM NEXT DAY 3 Years Warranty & Support.	Query: WiFi 6 standard can be used on both 2.4Ghz and 5Ghz. Please ammend as "support minimum 4x4:4 MIMO on both the bands"	Bidder to comply RFP terms & condition.

S.No.	Page no.	Clause No.	Bid Clause	Bidders Query	Response to Query
38	86	27. Annexure-U: Bill of Material: - A.7	<p><u>Cloud based Controller (APs and Switches) and Guest Access management:-</u>            Cloud Based Controller including license &amp; Dashboard Monitoring control services from day 1.            Compatible to 802.11 ac/n/a/b/g. Support WIPS, Rouge AP detection and Honeypot AP detection support up to 16 SSIDs per AP and the cloud/on-prem controller should be scalable to handle around 5000 APs or more in future. Provide the automated client and network insights to auto troubleshoot issues with DHCP, DNS, Gateway/ARP, Radius etc. related issues.            Integrate with various external authentication mechanism including the AD/RADIUS servers, etc. Support Guest Portal from Day 1 with many Authentication Mechanisms including Google login, Facebook login, email-based Login, and sponsored Guest Access facility as well. It should send SMS to mobile of the guest with login OTP/password details.            Should support minimum of 500 guest users.            Artificial Intelligence, Micro Services Based, Cloud/On- Prem Controller. support on WPA2 + WPA3 transition mode.            Direct OEM NEXT DAY 3            Years Warranty &amp; Support</p>	<p>Query: It is recommended to keep the total number of SSID's to minimum to reduce the channel overhead. Please change "support upto 6 SSID's or more".</p>	<p>Bidder to comply RFP terms &amp; condition.</p>
39	91	27. Annexure-U: Bill of Material: - Part C- C.1	<p>Core switch with 24x10GbaseX and 2x100G uplink ports.            Cloud/On-prem Manage subscription for Core Switches with Direct OEM NEXT DAY 3 Years Warranty &amp; support.</p>	<p>Query: 100G uplinks will be recommended for high capacity WAN connections. The access layer is presently at 10G connection. Request to change "Core Switch with 24x10GbaseX and 2x40G uplink ports"</p>	<p>100G connections are desired for switch HA.</p>
40	92	27. Annexure-U: Bill of Material: - Part C- C.4	<p>QSFP 100GE            Direct Attach Copper Cable, 1 meter,            STACK CABLE            with accessories FOR CORE SWITCH            Direct OEM NEXT DAY 3 Years Warranty &amp; support.</p>	<p>Query: As this is a stacking cable, request to specify the stacking bandwidth in the Core Switch specifications. Each OEM can specify the stacking cable based on the backplane stacking capability of the Core switch.</p>	<p>100G connections are desired for switch HA.</p>
41	94	27. Annexure-U: Bill of Material: - Technical Requirement/Specification – Wireless Access Point – Indoor- Point 17	<p>The AP should have one RJ-45 port supporting up to 2.5Gbps port speed and another one supporting at least 1 Gbps speed</p>	<p>Query: If we assume that the students will be accessing E-learning application which requires approx 4Mbps throughput and they would also be accessing 4K streaming content an individual client throughput requirement comes at 24Mbps. As a best practice we recommend to have no more than 30-40 clients per AP. In worst case scenario if we have 40 clients with each client requiring minimum 24Mbps throughput, the total throughput per AP comes at 960Mbps. In case of total clients increasing per AP, 2.5Gbps multi-Gig interface on the Access Point will suffice. Please change "AP should have one RJ45 port supporting upto 2.5Gbps port speed"</p>	<p>Dual ports are desired for redundancy and future scalability.</p>
42	94	27. Annexure-U: Bill of Material: - Technical Requirement/Specification – Wireless Access Point – Indoor- Point 21	<p>The AP should have Dedicated dual band Radio for WIDS/WIPS, spectrum analysis, and location analytics apart from client serving radio for 2.4 and 5GHz. Alternatively, bidder can provision additional dedicated AP for WIPS/WIDS.</p>	<p>Query: As organisations are looking at mitigating wireless threats it is imperative to have a dedicated radio to perform WIPS. Please add "The AP should have dedicated radio for WIPS/WIDS."</p>	<p>Security of the institute is paramount and in absence of the dedicated dual band radio for WIDS/WIPS the bidder can provision dedicated APs to meet this functional requirement of the institute.F207</p>
43	95	27. Annexure-U: Bill of Material: - Technical Requirement/Specification – Technical Requirement/Specification Wireless Access Point Outdoor - Point 2	<p>AP must support the 802.11a/b/g/n/ac /ax</p>	<p>Query: Please add the radio specifications for MIMO as "The AP should have 4x4:4 MIMO on both 5Ghz and 2.4Ghz bands"</p>	<p>Bidder to comply RFP terms &amp; condition.</p>
44	95	27. Annexure-U: Bill of Material: - Technical Requirement/Specification – Technical Requirement/Specification Wireless Access Point Outdoor - Point 6	<p>Access Point must support aggregate data rate of minimum 4.8Gbps.</p>	<p>Query: Please specify the MIMO equation for outdoor AP's as per the query in point 2. For a 4x4:4 MIMO the effective AP throughput is 2.98Gbps. Please change.</p>	<p>Bidder to comply RFP terms &amp; condition.</p>

S.No.	Page no.	Clause No.	Bid Clause	Bidders Query	Response to Query
45	96	27. Annexure-U: Bill of Material: - Technical Requirement/Specification – Technical Requirement/Specification Wireless Access Point Outdoor - Point 17	The AP should have one RJ-45 port supporting up to 2.5Gbps port speed and another one supporting at least 1 Gbps speed	Query: If we assume that the students will be accessing E-learning application which requires approx 4Mbps throughput and they would also be accessing 4K streaming content an individual client throughput requirement comes at 24Mbps. As a best practice we recommend to have no more than 30-40 clients per AP. In worst case scenario if we have 40 clients with each client requiring minimum 24Mbps throughput, the total throughput per AP comes at 960Mbps. In case of total clients increasing per AP, 2.5Gbps multi-Gig interface on the Access Point will suffice. Please change "AP should have one RJ45 port supporting upto 2.5Gbps port speed"	Bidder to comply RFP terms & condition.
46	96	27. Annexure-U: Bill of Material: - Technical Requirement/Specification – Technical Requirement/Specification Wireless Access Point Outdoor - Point 21	The AP should have Dedicated dual band Radio for WIDS/WIPS, spectrum analysis, and location analytics apart from client serving radio for 2.4 and 5GHz. Alternatively, bidder can provision additional dedicated AP for WIPS/WIDS.	Query: As organisations are looking at mitigating wireless threats it is imperative to have a dedicated radio to perform WIPS. Please add "The AP should have dedicated radio for WIPS/WIDS."	Bidder to comply RFP terms & condition.
47	97	27. Annexure-U: Bill of Material: - Technical Requirement/Specification – Technical Requirement/Specification: - Wireless Cloud Base Controller - Point 11	The solution should have feature to manually enable wireless and wired capture on Apps.	Query: For effective troubleshooting it is important to take the packet captures for detailed analysis. Please change this to "The solution should have feature to manually wireless and wired packet captures remotely"	Bidder to comply RFP terms & condition.
48	97	27. Annexure-U: Bill of Material: - Technical Requirement/Specification – Technical Requirement/Specification: - Wireless Cloud Base Controller - Point 13	Should support up to 16 SSIDs per AP and the cloud/on-prem controller should be scalable to handle around 5000 APs or more in future	Query: It is recommended to keep the total number of SSID's to minimum to reduce the channel overhead. Please change "support upto 6 SSID's or more".	Bidder to comply RFP terms & condition.
49	98	27. Annexure-U: Bill of Material: - Technical Requirement/Specification – Technical Requirement/Specification – POE (Power Over Ethernet) Access Switch - Point 2	Minimum 24 x 10/100/1000 PoE+ and 4 x 1G/10G uplink ports (with required transceiver modules) with PoE budget of minimum 740W.	Query: For the 24 port switch to power all the ports with PoE, a 370W PoE power should suffice. Please change to 370W power supply.	Bidder to comply RFP terms & condition.
50	98	27. Annexure-U: Bill of Material: - Technical Requirement/Specification – Technical Requirement/Specification – POE (Power Over Ethernet) Access Switch - Point 7	The Switch should have Minimum 2GB DRAM and 2 GB internal Flash/ SSD.	Query: Each OEM will have their hardware specifications as per the software demands. It may not be necessary to require a specific RAM and Flash for the software to run on the hardware. Request to remove this point as the performance numbers are already asked in Point 8 of the RFP.	Bidder to comply RFP terms & condition.
51	98	27. Annexure-U: Bill of Material: - Technical Requirement/Specification – Technical Requirement/Specification – POE (Power Over Ethernet) Access Switch - Point 8	128 Gbps or higher Backplane capacity and minimum 244 Mpps of forwarding rate (excluding the stacking bandwidth and forwarding)	Query: For line rate performance of the switch with 24x10/100/1000 ports alongwith 4x1G/10G uplink ports, the required Switching capacity should be 128Gbps. Switching capacity in halfduplex * 1.488 = 64*1.488 = 95Mpps of forwarding rate. Please change.	Please include stacking bandwidth as well if required

S.No.	Page no.	Clause No.	Bid Clause	Bidders Query	Response to Query
52	99	27. Annexure-U: Bill of Material: - Technical Requirement/Specification –Technical Requirement/Specification – POE (Power Over Ethernet) Access Switch - Point 12	It should have static IP routing from Day1 and should be upgradable to support OSPF, PIM, EVPN-VXLAN and BGP.	Query: As all the Access switches will be Layer 2. OSPF, PIM, EVPN-VXLAN and BGP are Layer 3 protocols. Request to remove them from access switches.	Bidder to comply RFP terms & condition.
53	99	27. Annexure-U: Bill of Material: - Technical Requirement/Specification –Technical Requirement/Specification – POE (Power Over Ethernet) Access Switch - Point 13	The switch should support 32k IPv4/ 16K IPv6 and 16k Multicast Routes/entries	Query: As access switches will be layer 2, please remove 32k IPv4/ 16K IPv6 and 16k Multicast Routes/entries. Request to add Mac entries of 16K.	Bidder to comply RFP terms & condition.
54	99	27. Annexure-U: Bill of Material: - Technical Requirement/Specification –Technical Requirement/Specification – POE (Power Over Ethernet) Access Switch - Point 22	Switch should be capable of supporting IEEE 802.1ae MACsec (AES- 256) in future with/without additional license.	Query: There are multiple ways to encrypt LAN traffic. E.g. IPSEC tunnel. Request to remove this point	Bidder to comply RFP terms & condition.
55	99	27. Annexure-U: Bill of Material: - Technical Requirement/Specification –Technical Requirement/Specification – POE (Power Over Ethernet) Access Switch - Point 24	Should support Standards-based micro segmentation/Hyper segmentation OR Private VLAN.	Query: Request to define the use case as "Should support Standards based Microsegmentation/ Hyper Segmentation OR Isolated Ports"	Bidder to comply RFP terms & condition.
56	99	27. Annexure-U: Bill of Material: - Technical Requirement/Specification –Technical Requirement/Specification – POE (Power Over Ethernet) Access Switch - Point 25	The Switches support perpetual PoE, which provides uninterrupted power to connected PoE powered devices even when the switch is rebooting.	Query: Request to remove this point for maximum OEM participation	Bidder to comply RFP terms & condition.
57	100	27. Annexure-U: Bill of Material: - Technical Requirement/Specification –Technical Requirement/Specification Non-POE Access Switch. - Point 6	The Proposed Switch should have minimum 1GHz CPU or more	Query: Each OEM will have their hardware specifications as per the software demands. It may not be necessary to require a specific RAM and Flash or CPU for the software to run on the hardware. Request to remove this point as the performance numbers are already asked in Point 8 of the RFP.	Bidder to comply RFP terms & condition.
58	100	27. Annexure-U: Bill of Material: - Technical Requirement/Specification –Technical Requirement/Specification Non-POE Access Switch. - Point 8	The Proposed Switch should have minimum 2GB DRAM or more	Query: Each OEM will have their hardware specifications as per the software demands. It may not be necessary to require a specific RAM and Flash or CPU for the software to run on the hardware. Request to remove this point as the performance numbers are already asked in Point 8 of the RFP.	Bidder to comply RFP terms & condition.
59	100	27. Annexure-U: Bill of Material: - Technical Requirement/Specification –Technical Requirement/Specification Non-POE Access Switch. - Point 9	The Proposed Switch should have minimum 2GB Flash or more	Query: Each OEM will have their hardware specifications as per the software demands. It may not be necessary to require a specific RAM and Flash or CPU for the software to run on the hardware. Request to remove this point as the performance numbers are already asked in Point 8 of the RFP.	Bidder to comply RFP terms & condition.

S.No.	Page no.	Clause No.	Bid Clause	Bidders Query	Response to Query
60	100	27. Annexure-U: Bill of Material: - Technical Requirement/Specification -Technical Requirement/Specification Non-POE Access Switch. - Point 12	The Proposed switches should be able to support stacking / switch virtualization technology which makes single IP management of up to 4 Switch in same Rack, Across Rack, Same Floor, Across Floor, Same Bldg. or Across the Bldg. or spread across the campus. Stacking cable with accessories should be provided wherever required.	Query: For a campus network with building blocks, the Hub room will consolidate the LAN ports for a specific building. Hence it is recommended to have stacking on a per Hub room basis. Request to remove this point.	Bidder to comply RFP terms & condition.
61	101	27. Annexure-U: Bill of Material: - Technical Requirement/Specification -Technical Requirement/Specification Non-POE Access Switch. - Point 14	The Proposed Switch should support 802.1D, 802.1s, 802.1w, VSTP	Query: This protocol is vendor specific. Please remove for maximum OEM participation	Please consider equivalent protocol
62	101	27. Annexure-U: Bill of Material: - Technical Requirement/Specification -Technical Requirement/Specification Non-POE Access Switch. - Point 15	The Proposed Switch should support IEEE 802.3ad Link Aggregation of up to 128 groups of 8 ports per group	Query: As the access switches will be in a stack with each stack sending 2x10G uplinks to the Core switch. Request to remove this point.	Bidder to comply RFP terms & condition.
63	101	27. Annexure-U: Bill of Material: - Technical Requirement/Specification -Technical Requirement/Specification Non-POE Access Switch. - Point 18	The Proposed Switch should support Port-Based and MAC-Based VLANs, Voice VLAN, Private VLAN, 802.1Q VLAN Tagging, 802.1Q-in-Q VLAN Stacking	Query: For education vertical, segmentation of students and staff will be imperative. Also the segmentation of IoT devices such as printers will require separate segmentation. Q-in Q is mostly used in Service provider deployments. Request to change to "The Proposed Switch should support 802.1Q VLAN Tagging, Stacking.	Bidder to comply RFP terms & condition.
64	101	27. Annexure-U: Bill of Material: - Technical Requirement/Specification -Technical Requirement/Specification Non-POE Access Switch. - Point 20	The Proposed Switch should support minimum 1000 ARP entries or more and Support for minimum 500 IPv4 unicast routes or more	Query: As this switch will be used as access switch with only Layer 2 and routing is Layer 3, kindly remove this point	Bidder to comply RFP terms & condition.
65	101	27. Annexure-U: Bill of Material: - Technical Requirement/Specification -Technical Requirement/Specification Non-POE Access Switch. - Point 22	The Proposed Switch Should Support minimum 100 IPv6 unicast routes or more and 1,000 IPv6 multicast routes or more	Query: As this switch will be used as access switch with only Layer 2 and routing is Layer 3, kindly remove this point	Bidder to comply RFP terms & condition.
66	101	27. Annexure-U: Bill of Material: - Technical Requirement/Specification -Technical Requirement/Specification Non-POE Access Switch. - Point 23	The Proposed Switch should be capable to Support Layer3 routing protocols like Static, RIP v1/v2, OSPF, RIPnG, OSPFv3 from day1.	Query: As this switch will be used as access switch with only Layer 2 and routing is Layer 3, kindly remove this point	Kindly read it as: The Proposed Switch should be capable to Support Layer3 routing protocols like Static, RIP v1/v2, OSPF, RIPnG, OSPFv3
67	101	27. Annexure-U: Bill of Material: - Technical Requirement/Specification -Technical Requirement/Specification Non-POE Access Switch. - Point 24	The Proposed Switch should be capable to Support IGMP v1,v2,v3, IGMP snooping, PIM SM, SSM and DM with additional license as and when required.	Query: As this switch will be used as access switch with only Layer 2 and routing is Layer 3, kindly remove this point	Bidder to comply RFP terms & condition.



S.No.	Page no.	Clause No.	Bid Clause	Bidders Query	Response to Query
68	102	27. Annexure-U: Bill of Material: - Technical Requirement/Specification -Technical Requirement/Specification Non-POE Access Switch. - Point 26	The Proposed Switch Should Support Port Based ACL, VLAN Based ACL, Router Based ACL.	Query: As this switch will be used as access switch with only Layer 2 and routing is Layer 3, kindly remove this point	Bidder to comply RFP terms & condition.
69	102	27. Annexure-U: Bill of Material: - Technical Requirement/Specification -Technical Requirement/Specification Non-POE Access Switch. - Point 32	The Proposed Switch Should Support Following Scheduling methods (egress): Strict Priority (SP), deficit weighted round-robin (SDWRR)	Query: As this switch will be used as access switch with only Layer 2 and routing is Layer 3, kindly remove this point	Bidder to comply RFP terms & condition.
70	103	27. Annexure-U: Bill of Material: - Technical Requirement/Specification -Technical Requirement/Specification Non-POE Access Switch. - Point 39	The Proposed Switch Should Support DHCP Server	Query: As this switch will be used as access switch with only Layer 2 and routing is Layer 3, kindly remove this point	Bidder to comply RFP terms & condition.
71	103	27. Annexure-U: Bill of Material: - Technical Requirement/Specification -Technical Requirement/Specification Non-POE Access Switch. - Point 41	The Proposed Switch Should be capable to Support Stateful Switchover (GRES) between master and backup switch to ensure minimum traffic loss during failover in Stacking/ Switch virtualization technology	Query: As this switch will be used as access switch with only Layer 2 and routing is Layer 3, kindly remove this point	Bidder to comply RFP terms & condition.
72	103	27. Annexure-U: Bill of Material: - Technical Requirement/Specification New Core Switches:. - Point	Switch should have minimum of 24 x 1G/10G SFP+ ports and 2 x 40G/100Gbe ports.	Query: 100G uplinks will be recommended for high capacity WAN connections. The access layer is presently at 10G connection. Request to change "Core Switch with 24x10GbaseX and 2x40G uplink ports"	Bidder to comply RFP terms & condition.
73	104	27. Annexure-U: Bill of Material: - Technical Requirement/Specification New Core Switches:. - Point 8	The Switch should have Minimum 4GB DRAM and 16GB internal Flash/ SSD	Query: Each OEM will have their hardware specifications as per the software demands. It may not be necessary to require a specific RAM and Flash or CPU for the software to run on the hardware. Request to remove this point as the performance numbers are already asked in Point 8 of the RFP.	Bidder to comply RFP terms & condition.
74	104	27. Annexure-U: Bill of Material: - Technical Requirement/Specification New Core Switches:. - Point 13	It should have static IP routing from Day 1 and should be upgradable to support OSPF, PIM, EVPN-VXLAN and BGP.	Query: EVPN-VXLAN enables businesses to connect geographically dispersed locations using layer 2 virtual bridging, BGP is mostly used for WAN. As this switch will be deployed in an education campus, please remove BGP, EVPN-VXLAN.	Kindly read it as: It should have static IP routing, OSPF, PIM, EVPN-VXLAN and BGP from Day 1.
75	104	27. Annexure-U: Bill of Material: - Technical Requirement/Specification New Core Switches:. - Point 14	The switch should support 80k IPv4/ 40K IPv6 and 16k Multicast Routes/entries.	Query: Please elaborate on the requirement here for such high number of routes/entries. This scale is mostly overprovisioned for LAN networks. Please change to "16K multicast and 16K routing table size".	Bidder to comply RFP terms & condition.
76	104	27. Annexure-U: Bill of Material: - Technical Requirement/Specification New Core Switches:. - Point 23	Switch should be capable of supporting IEEE 802.1ae MACsec (AES- 256) in future with/without additional license.	Query: There are multiple ways to encrypt LAN traffic. E.g. IPSEC tunnel. Request to remove this point	Bidder to comply RFP terms & condition.
77	104	27. Annexure-U: Bill of Material: - Technical Requirement/Specification New Core Switches:. - Point 25	Should support Standards-based micro segmentation/Hyper Segmentation OR Private VLAN.	Query: Request to define the use case as "Should support Standards based Microsegmentation/ Hyper Segmentation OR Isolated Ports"	Bidder to comply RFP terms & condition.

S.No.	Page no.	Clause No.	Bid Clause	Bidders Query	Response to Query
78	93	Technical Requirement/Specification – Wireless Access Point – Indoor	The Access Point OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	MII is allowed in RFP hence this clause should not be applicable for MII. Ref DPIIT GR (P-45014/33/2021-BE-II (E-64737)). All 'Foreign certificates/restrictive clauses. Kindly remove clause for MII "Gartner/IDC" for Make in India. Refer DPIIT GR: P-45014/33/2021-BE-II (E-64737)	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant indian equivalent Government standards or likewise.
79	95	Technical Requirement/Specification – Wireless Access Point – Outdoor	The Access Point OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	MII is allowed in RFP hence this clause should not be applicable for MII. Ref DPIIT GR (P-45014/33/2021-BE-II (E-64737)). All 'Foreign certificates/restrictive clauses. Kindly remove clause for MII "Gartner/IDC" for Make in India. Refer DPIIT GR: P-45014/33/2021-BE-II (E-64737)	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government standards or likewise.
80	96	Technical Requirement/Specification: - Wireless Cloud Base Controller	The Access Point OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.).	MII is allowed in RFP hence this clause should not be applicable for MII. Ref DPIIT GR (P-45014/33/2021-BE-II (E-64737)). All 'Foreign certificates/restrictive clauses. Kindly remove clause for MII "Gartner/IDC" for Make in India. Refer DPIIT GR: P-45014/33/2021-BE-II (E-64737)	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government standards or likewise.
81	98	Technical Requirement/Specification – POE (Power Over Ethernet) Access Switch.	The Access Point and POE switch should be same and OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	MII is allowed in RFP hence this clause should not be applicable for MII. Ref DPIIT GR (P-45014/33/2021-BE-II (E-64737)). All 'Foreign certificates/restrictive clauses. Kindly remove clause for MII "Gartner/IDC" for Make in India. Refer DPIIT GR: P-45014/33/2021-BE-II (E-64737)	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government standards or likewise.
82	100	Technical Requirement/Specification – POE (Power Over Ethernet) Access Switch.	Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified	Certificate for canadian, European has no relevance for installing equipment in India. for MII, relevant indian certificates are required Hence, amend the clause for applicable indian certificates only.	Kindly read it as: Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified or equivalent Indian Government standards
83	100	Technical Requirement/Specification – Non-POE Access Switch.	The Access Point and Non-POE switch should be same and OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	MII is allowed in RFP hence this clause should not be applicable for MII. Ref DPIIT GR (P-45014/33/2021-BE-II (E-64737)). All 'Foreign certificates/restrictive clauses. Kindly remove clause for MII "Gartner/IDC" for Make in India. Refer DPIIT GR: P-45014/33/2021-BE-II (E-64737)	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government standards or likewise.
84	103	Technical Requirement/Specification – Non-POE Access Switch.	The switch should comply with following safety certification <ul style="list-style-type: none"> <li>UL-UL60950-1, C-UL to CAN/CSA 22.2 No.60950-1</li> <li>TUV/GS to EN 60950-1, Amendment A1-A4, A11</li> <li>CB-IEC60950-1, all country deviations</li> <li>EN 60825-1</li> </ul>	MII is allowed in RFP hence this clause should not be applicable for MII. Ref DPIIT GR (P-45014/33/2021-BE-II (E-64737)). All 'Foreign certificates/restrictive clauses. Kindly remove clause for MII "Gartner/IDC" for Make in India. Refer DPIIT GR: P-45014/33/2021-BE-II (E-64737)	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government standards or likewise.
85	103	Technical Requirement/Specification – New Core Switches:	The Access Point and switch should be same and OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	MII is allowed in RFP hence this clause should not be applicable for MII. Ref DPIIT GR (P-45014/33/2021-BE-II (E-64737)). All 'Foreign certificates/restrictive clauses. Kindly remove clause for MII "Gartner/IDC" for Make in India. Refer DPIIT GR: P-45014/33/2021-BE-II (E-64737)	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government standards or likewise.
86	105	Technical Requirement/Specification – New Core Switches:	Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified	Certificate for canadian, European has no relevance for installing equipment in India. for MII, relevant indian certificates are required Hence, amend the clause for applicable indian certificates only.	Kindly read it as: Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified or equivalent Indian Government standards
87	125	Preferred Brand below Details.	<ul style="list-style-type: none"> <li>Juniper</li> <li>Ruckus</li> <li>CISCO Meraki</li> <li>HP/ARUBA</li> <li>Extreme</li> </ul>	MII is allowed hence no point to mention specific MNC brand. this is not in-line with GOI/DOT/DPIIT guideline. Kindly remove the clause	These are preferred brands however the institute is open to other brands provided they meet technical specifications
88	84	A.4	SFP+, 10GBASE-T connector. Including 3 ft or 5 ft 10 Gig Patch Cord to connect to Extended Switch	Need clarification on use of this optics for access switch as already 10G-LR optics is considered for uplink to Core switch	Accepted as per bidder query.
	85	A.6	SFP+, 10GBASE-SR, MMF 300m, Duplex LC connector. Including 1 metre MM Patch Cord to UPLINK TO extended Switch Direct OEM NEXT DAY 3 Years Warranty & Support.	Need clarification the requirement is for 10G-SR or 10G-LR as in technical specification for Non-POE switch is asked to consider 2 x 10G-LR optics from Day 1	Refer to corrigendum for the corrections.

S.No.	Page no.	Clause No.	Bid Clause	Bidders Query	Response to Query
90	93	D	Buy back of Existing Core Switches Model Extreme 5520- 24X Core Switch with modules	Request IGIDR team to remove this clause.	This clause stands deleted.
91	97	6	The solution should support Guest Portal from Day 1 with many Authentication Mechanisms including Google login, Facebook login, email-based Login, SMS /OTP based and sponsored Guest Access facility as well. In case of SMS authentication, SMS gateway should be provided by the bidder at least 1500 SMS per day and minimum guest users should be 500	Please change to "The solution should support Guest Portal from Day 1 with many Authentication Mechanisms including Google login, Facebook login, email-based Login and sponsored Guest Access facility as well." Because SMS gateway will be costly solution for long run to IGIDR.	Refer to corrigendum for the corrections.
92	98	25	S/I/T/C of Cloud based Guest Access and Guest Management Licence for minimum 500 guests .SMS /OTP based and sponsored Guest Access facility as well. SMS gateway should be provided by the bidder with at least 1500 SMS per day.	Same as point no. 4 , Request you to please remove this clause	Bidder to comply RFP terms & condition.
93	100	7	Switch should be populated with 2 x 10G LR Optics from day1	Need clarification the requirement is for 10G-SR or 10G-LR as in Annexure-U Bill of Material section for Non-POE switch have asked to consider 10G-SR optics	Kindly read it as :- Switch should be populated with 2 x 10G SR Optics from Day 1
94	101	23	The Proposed Switch should be capable to Support Layer3 routing protocols like Static, RIP v1/v2, OSPF, RIPnG, OSPFv3 from day1.	Our switch is capable to supports all the mentioned Layer 3 routing protocols, However for OSPFv3 additional license is required. Request you to relax the clause to "The Proposed Switch should be capable to Support Layer3 routing protocols like Static, RIP v1/v2, OSPF, RIPnG, OSPFv3"	Kindly read it as: The Proposed Switch should be capable to Support Layer3 routing protocols like Static, RIP v1/v2, OSPF, RIPnG, OSPFv3
95	15	2.1	Project Completion clause	As per the RFQ bidder has to complete entire project in six weeks, we are requesting that to keep the delivery lead time minimum 4 to 6 weeks and additional time required for project completion should be for 6 to 8 weeks post delivery of the material.	Bidder to comply RFP terms & condition. While, the project delivery timelines shall be discussed with the winning bidder.
96	73	14	Scope of work AMC payment	Requesting IGIDR team to relook on AMC payment terms & the same should be quarterly advance payment	Bidder to comply RFP terms & condition.
97	117 & 118	A.10	Financial Bid- Annexure W	On passive BOQ- A 10 & A11 have different terminology on the BOQ . Kindly advise we have to quote as per the boxes or per meter and secondly will it be as per consumed material on site or as mentioned in the RFP	Bidder to comply RFP terms & condition.
98	73	12 & 13	Before & After fall ceiling / Road digging must be completion as it is.	We being the system integrator have limited expertise and do not have experience in this work. We are requesting IGIDR to help us getting this done and remove this clause.	Bidder to comply RFP terms & condition.
99	75	40	New Poles should supply and installed as per the specification /requirement of IGIDR	This is Civil work and we need your help in getting this done.	Bidder to comply RFP terms & condition.
100	19	2.14	Payment Terms		No query present.
			Delivery of Hardware & respective Licences , Accessories	10% Advance and 70% on Delivery	Bidder to comply RFP terms & condition.
			Installation Commissioning & testing	10%	Bidder to comply RFP terms & condition.
			After completion of 3 -Year Warranty period	10% against PBG	Bidder to comply RFP terms & condition.
			AMC	Quarterly Advance	Bidder to comply RFP terms & condition.
101	93		The Access Point OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	As per DPIIT's GR. (P-45014/33/2021-BE-II (E-64737)) to promote, make in India product which are technically competent and meeting required specification and performance criteria should not be mandated by having "Foreign certificates/restrictive clauses" hence requesting to amend as mentioned below. Gartner listing is a foreign body and it does not have any relevance with product technical specification and performance, Gartner is a foreign entity who does the survey.  Kindly remove "Gartner/IDC" for Make in India. Refer DPIIT GR: P-45014/33/2021-BE-II (E-64737)	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government equivalent standards or likewise.

S.No.	Page no.	Clause No.	Bid Clause	Bidders Query	Response to Query
102	95	Technical Requirement/Specification – Wireless Access Point – Outdoor	The Access Point OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	As per DPIIT's GR. (P-45014/33/2021-BE-II (E-64737)) to promote, make in India product which are technically competent and meeting required specification and performance criteria should not be mandated by having "Foreign certificates/restrictive clauses" hence requesting to amend as mentioned below. Garther listing is a foreign body and it does not have any relevance with product technical specification and performance, Gartner is a foreign entity who does the survey.  Kindly remove "Gartner/IDC" for Make in India. Refer DPIIT GR: P-45014/33/2021-BE-II (E-64737)	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government equivalent standards or likewise.
103	96	Technical Requirement/Specification: - Wireless Cloud Base Controller	The Access Point OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.).	As per DPIIT's GR. (P-45014/33/2021-BE-II (E-64737)) to promote, make in India product which are technically competent and meeting required specification and performance criteria should not be mandated by having "Foreign certificates/restrictive clauses" hence requesting to amend as mentioned below. Garther listing is a foreign body and it does not have any relevance with product technical specification and performance, Gartner is a foreign entity who does the survey.  Kindly remove "Gartner/IDC" for Make in India. Refer DPIIT GR: P-45014/33/2021-BE-II (E-64737)	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government equivalent standards or likewise.
104	98	Technical Requirement/Specification – POE (Power Over Ethernet) Access Switch.	The Access Point and POE switch should be same and OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	As per DPIIT's GR. (P-45014/33/2021-BE-II (E-64737)) to promote, make in India product which are technically competent and meeting required specification and performance criteria should not be mandated by having "Foreign certificates/restrictive clauses" hence requesting to amend as mentioned below. Garther listing is a foreign body and it does not have any relevance with product technical specification and performance, Gartner is a foreign entity who does the survey.  Kindly remove "Gartner/IDC" for Make in India. Refer DPIIT GR: P-45014/33/2021-BE-II (E-64737)	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government equivalent standards or likewise.
105	100	Technical Requirement/Specification – POE (Power Over Ethernet) Access Switch.	Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified	Certificate for Canadian, European has no relevance for installing equipment in India. For MII, relevant Indian certificates are required e.g. IEC 60950, CE, FCC, RoHS certificates. Hence, requesting you to kindly amend the clause as:  "Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) or Indian equivalent certified."	Kindly read it as:  Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified or equivalent Indian Government standards
106	100	Technical Requirement/Specification – Non-POE Access Switch.	The Access Point and Non-POE switch should be same and OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	As per DPIIT's GR. (P-45014/33/2021-BE-II (E-64737)) to promote, make in India product which are technically competent and meeting required specification and performance criteria should not be mandated by having "Foreign certificates/restrictive clauses" hence requesting to amend as mentioned below. Garther listing is a foreign body and it does not have any relevance with product technical specification and performance, Gartner is a foreign entity who does the survey.  Kindly remove "Gartner/IDC" for Make in India. Refer DPIIT GR: P-45014/33/2021-BE-II (E-64737)	Bidder to comply RFP terms & condition.

S.No.	Page no.	Clause No.	Bid Clause	Bidders Query	Response to Query
107	103	Technical Requirement/Specification – Non-POE Access Switch.	The switch should comply with following safety certification <ul style="list-style-type: none"> <li>• UL-UL60950-1, C-UL to CAN/CSA 22.2 No.60950-1</li> <li>• TUV/GS to EN 60950-1, Amendment A1-A4, A11</li> <li>• CB-IEC60950-1, all country deviations</li> <li>• EN 60825-1</li> </ul>	Certificate for Canadian, European has no relevance for installing equipment in India. For MII, relevant Indian certificates are required e.g. IEC 60950, CE, FCC, RoHS certificates. Hence, requesting you to kindly amend the clause as:  "Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) or Indian equivalent certified."	Equivalent Indian Certificate will be accepted
108	103	Technical Requirement/Specification – New Core Switches:	The Access Point and switch should be same and OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	As per DPIIT's GR. (P-45014/33/2021-BE-II (E-64737)) to promote, make in India product which are technically competent and meeting required specification and performance criteria should not be mandated by having "Foreign certificates/restrictive clauses" hence requesting to amend as mentioned below. Gartner listing is a foreign body and it does not have any relevance with product technical specification and performance, Gartner is a foreign entity who does the survey.  Kindly remove "Gartner/IDC" for Make in India. Refer DPIIT GR: P-45014/33/2021-BE-II (E-64737)	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian equivalent standards or likewise.
109	105	Technical Requirement/Specification – New Core Switches:	Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified	Certificate for Canadian, European has no relevance for installing equipment in India. For MII, relevant Indian certificates are required e.g. IEC 60950, CE, FCC, RoHS certificates. Hence, requesting you to kindly amend the clause as:  "Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) or Indian equivalent certified."	Kindly read it as:  Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified or equivalent Indian Government Standard
110	125	Preferred Brand below Details.	<ul style="list-style-type: none"> <li>➤ Juniper</li> <li>➤ Ruckus</li> <li>➤ CISCO Meraki</li> <li>➤ HP/ARUBA</li> <li>➤ Extreme</li> </ul>	While referring to "RFP", MII is allowed and on other side; preferred makes have been mentioned (none of them is Make in India product). As per DPIIT's GR. (P-45014/33/2021-BE-II (E-64737)) to promote, make in India product which are technically competent and meeting required specification and performance criteria should not be mandated having such restrictive clauses. Hence, kindly remove this clause.	These are preferred brands however the institute is open to other brands provided they meet technical specifications
111	93	Technical Requirement/Specification – Wireless Access Point – Indoor	The Access Point OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	As per DPIIT's GR. (P-45014/33/2021-BE-II (E-64737)) to promote, make in India product which are technically competent and meeting required specification and performance criteria should not be mandated by having "Foreign certificates/restrictive clauses" hence requesting to amend as mentioned below. Gartner listing is a foreign body and it does not have any relevance with product technical specification and performance, Gartner is a foreign entity who does the survey.  Kindly remove "Gartner/IDC" for Make in India. Refer DPIIT GR: P-45014/33/2021-BE-II (E-64737)	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government equivalent standards or likewise.

S.No.	Page no.	Clause No.	Bid Clause	Bidders Query	Response to Query
112	95	Technical Requirement/Specification – Wireless Access Point – Outdoor	The Access Point OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	As per DPIIT's GR. (P-45014/33/2021-BE-II (E-64737)) to promote, make in India product which are technically competent and meeting required specification and performance criteria should not be mandated by having "Foreign certificates/restrictive clauses" hence requesting to amend as mentioned below. Garther listing is a foreign body and it does not have any relevance with product technical specification and performance, Gartner is a foreign entity who does the survey.  Kindly remove "Gartner/IDC" for Make in India. Refer DPIIT GR: P-45014/33/2021-BE-II (E-64737)	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government equivalent standards or likewise.
113	96	Technical Requirement/Specification: - Wireless Cloud Base Controller	The Access Point OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	As per DPIIT's GR. (P-45014/33/2021-BE-II (E-64737)) to promote, make in India product which are technically competent and meeting required specification and performance criteria should not be mandated by having "Foreign certificates/restrictive clauses" hence requesting to amend as mentioned below. Garther listing is a foreign body and it does not have any relevance with product technical specification and performance, Gartner is a foreign entity who does the survey.  Kindly remove "Gartner/IDC" for Make in India. Refer DPIIT GR: P-45014/33/2021-BE-II (E-64737)	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government equivalent standards or likewise.
114	98	Technical Requirement/Specification – POE (Power Over Ethernet) Access Switch.	The Access Point and POE switch should be same and OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	As per DPIIT's GR. (P-45014/33/2021-BE-II (E-64737)) to promote, make in India product which are technically competent and meeting required specification and performance criteria should not be mandated by having "Foreign certificates/restrictive clauses" hence requesting to amend as mentioned below. Garther listing is a foreign body and it does not have any relevance with product technical specification and performance, Gartner is a foreign entity who does the survey.  Kindly remove "Gartner/IDC" for Make in India. Refer DPIIT GR: P-45014/33/2021-BE-II (E-64737)	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government equivalent standards or likewise.
115	100	Technical Requirement/Specification – POE (Power Over Ethernet) Access Switch.	Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified	Certificate for Canadian, European has no relevance for installing equipment in India. For MII, relevant Indian certificates are required e.g. IEC 60950, CE, FCC, RoHS certificates. Hence, requesting you to kindly amend the clause as:  "Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) or Indian equivalent certified."	Kindly read it as:  Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified or Indian Government equivalent standards
116	100	Technical Requirement/Specification – Non-POE Access Switch.	The Access Point and Non-POE switch should be same and OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	As per DPIIT's GR. (P-45014/33/2021-BE-II (E-64737)) to promote, make in India product which are technically competent and meeting required specification and performance criteria should not be mandated by having "Foreign certificates/restrictive clauses" hence requesting to amend as mentioned below. Garther listing is a foreign body and it does not have any relevance with product technical specification and performance, Gartner is a foreign entity who does the survey.  Kindly remove "Gartner/IDC" for Make in India. Refer DPIIT GR: P-45014/33/2021-BE-II (E-64737)	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government equivalent standards or likewise.

S.No.	Page no.	Clause No.	Bid Clause	Bidders Query	Response to Query
117	103	Technical Requirement/Specification – Non-POE Access Switch.	<p>The switch should comply with following safety certification</p> <ul style="list-style-type: none"> <li>UL-UL60950-1, C-UL to CAN/CSA 22.2 No.60950-1</li> <li>TUV/GS to EN 60950-1, Amendment A1-A4, A11</li> <li>CB-IEC60950-1, all country deviations</li> <li>EN 60825-1</li> </ul>	<p>Certificate for Canadian, European has no relevance for installing equipment in India. For MII, relevant Indian certificates are required e.g. IEC 60950, CE, FCC, RoHS certificates. Hence, requesting you to kindly amend the clause as:</p> <p>"Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) or Indian equivalent certified."</p>	Equivalent Indian Certificate will be accepted
118	103	Technical Requirement/Specification – New Core Switches:	<p>The Access Point and switch should be same and OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)</p>	<p>As per DPIIT's GR. (P-45014/33/2021-BE-II (E-64737)) to promote, make in India product which are technically competent and meeting required specification and performance criteria should not be mandated by having "Foreign certificates/restrictive clauses" hence requesting to amend as mentioned below. Gartner listing is a foreign body and it does not have any relevance with product technical specification and performance, Gartner is a foreign entity who does the survey.</p> <p>Kindly remove "Gartner/IDC" for Make in India. Refer DPIIT GR: P-45014/33/2021-BE-II (E-64737)</p>	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian equivalent Government standards or likewise.
119	105	Technical Requirement/Specification – New Core Switches:	<p>Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified</p>	<p>Certificate for Canadian, European has no relevance for installing equipment in India. For MII, relevant Indian certificates are required e.g. IEC 60950, CE, FCC, RoHS certificates. Hence, requesting you to kindly amend the clause as:</p> <p>"Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) or Indian equivalent certified."</p>	<p>Kindly read it as:</p> <p>Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified or Indian Government equivalent standards</p>
120	125	Preferred Brand below Details.	<ul style="list-style-type: none"> <li>Juniper</li> <li>Ruckus</li> <li>CISCO Meraki</li> <li>HP/ARUBA</li> <li>Extreme</li> </ul>	<p>While referring to "RFP", MII is allowed and on other side; preferred makes have been mentioned (none of them is Make in India product). As per DPIIT's GR. (P-45014/33/2021-BE-II (E-64737)) to promote, make in India product which are technically competent and meeting required specification and performance criteria should not be mandated having such restrictive clauses. Hence, kindly remove this clause.</p>	These are preferred brands however the institute is open to other brands provided they meet technical specifications

S.No.	Page no.	Clause No.	Bid Clause	Bidders Query	Response to Query
121	93	Wireless Access Point – Indoor	The Access Point OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	<p>According to the DPIIT's GR (P-45014/33/2021-BE-II (E-64737)), the promotion of Make in India products should not be subject to the imposition of "Foreign certificates/restrictive clauses" if the products are technically competent and meet the required specifications and performance criteria. Therefore, a request is made to amend the directive as follows: The inclusion of Gartner in the listing is irrelevant to product technical specifications and performance, as Gartner is a foreign entity conducting surveys.</p> <p>It is proposed to remove references to "Gartner/IDC" for the Make in India initiative. Please refer to DPIIT GR: P-45014/33/2021-BE-II (E-64737) for clarification.</p>	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government equivalent standards or likewise.
122	95	Wireless Access Point – Outdoor	The Access Point OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	<p>According to the DPIIT's GR (P-45014/33/2021-BE-II (E-64737)), the promotion of Make in India products should not be subject to the imposition of "Foreign certificates/restrictive clauses" if the products are technically competent and meet the required specifications and performance criteria. Therefore, a request is made to amend the directive as follows: The inclusion of Gartner in the listing is irrelevant to product technical specifications and performance, as Gartner is a foreign entity conducting surveys.</p> <p>It is proposed to remove references to "Gartner/IDC" for the Make in India initiative. Please refer to DPIIT GR: P-45014/33/2021-BE-II (E-64737) for clarification.</p>	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government equivalent standards or likewise.
123	96	Wireless Cloud Base Controller	The Access Point OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.).	<p>According to the DPIIT's GR (P-45014/33/2021-BE-II (E-64737)), the promotion of Make in India products should not be subject to the imposition of "Foreign certificates/restrictive clauses" if the products are technically competent and meet the required specifications and performance criteria. Therefore, a request is made to amend the directive as follows: The inclusion of Gartner in the listing is irrelevant to product technical specifications and performance, as Gartner is a foreign entity conducting surveys.</p> <p>It is proposed to remove references to "Gartner/IDC" for the Make in India initiative. Please refer to DPIIT GR: P-45014/33/2021-BE-II (E-64737) for clarification.</p>	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government equivalent standards or likewise.
124	98	POE (Power Over Ethernet) Access Switch.	The Access Point and POE switch should be same and OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	<p>According to the DPIIT's GR (P-45014/33/2021-BE-II (E-64737)), the promotion of Make in India products should not be subject to the imposition of "Foreign certificates/restrictive clauses" if the products are technically competent and meet the required specifications and performance criteria. Therefore, a request is made to amend the directive as follows: The inclusion of Gartner in the listing is irrelevant to product technical specifications and performance, as Gartner is a foreign entity conducting surveys.</p> <p>It is proposed to remove references to "Gartner/IDC" for the Make in India initiative. Please refer to DPIIT GR: P-45014/33/2021-BE-II (E-64737) for clarification.</p>	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government equivalent standards or likewise.



S.No.	Page no.	Clause No.	Bid Clause	Bidders Query	Response to Query
125	100	POE (Power Over Ethernet) Access Switch.	Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified	<p>Certificates from Canada and Europe are not pertinent for the installation of equipment in India. For the Make in India initiative, it is essential to have relevant Indian certificates, such as IEC 60950, CE, FCC, and RoHS certificates. Therefore, we kindly request an amendment to the clause as follows:</p> <p>"The switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS), or an Indian equivalent certified."</p>	<p>Kindly read it as:</p> <p>Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified or Indian Government equivalent standards</p>
126	100	Non-POE Access Switch.	The Access Point and Non-POE switch should be same and OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	<p>According to the DPIIT's GR (P-45014/33/2021-BE-II (E-64737)), the promotion of Make in India products should not be subject to the imposition of "Foreign certificates/restrictive clauses" if the products are technically competent and meet the required specifications and performance criteria. Therefore, a request is made to amend the directive as follows: The inclusion of Gartner in the listing is irrelevant to product technical specifications and performance, as Gartner is a foreign entity conducting surveys.</p> <p>It is proposed to remove references to "Gartner/IDC" for the Make in India initiative. Please refer to DPIIT GR: P-45014/33/2021-BE-II (E-64737) for clarification.</p>	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government equivalent standards or likewise.
127	103	Non-POE Access Switch.	<p>The switch should comply with following safety certification</p> <ul style="list-style-type: none"> <li>• UL-UL60950-1, C-UL to CAN/CSA 22.2 No.60950-1</li> <li>• TUV/GS to EN 60950-1, Amendment A1-A4, A11</li> <li>• CB-IEC60950-1, all country deviations</li> <li>• EN 60825-1</li> </ul>	<p>Certificates from Canada and Europe are not pertinent for the installation of equipment in India. For the Make in India initiative, it is essential to have relevant Indian certificates, such as IEC 60950, CE, FCC, and RoHS certificates. Therefore, we kindly request an amendment to the clause as follows:</p> <p>"The switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS), or an Indian equivalent certified."</p>	Equivalent Indian Certificate will be accepted
128	103	New Core Switches:	The Access Point and switch should be same and OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	<p>According to the DPIIT's GR (P-45014/33/2021-BE-II (E-64737)), the promotion of Make in India products should not be subject to the imposition of "Foreign certificates/restrictive clauses" if the products are technically competent and meet the required specifications and performance criteria. Therefore, a request is made to amend the directive as follows: The inclusion of Gartner in the listing is irrelevant to product technical specifications and performance, as Gartner is a foreign entity conducting surveys.</p> <p>It is proposed to remove references to "Gartner/IDC" for the Make in India initiative. Please refer to DPIIT GR: P-45014/33/2021-BE-II (E-64737) for clarification.</p>	Accepted as per bidder query while the clause provided gives bidder opportunity to bid by complying to relevant Indian Government equivalent standards or likewise.

S.No.	Page no.	Clause No.	Bid Clause	Bidders Query	Response to Query
129	105	New Core Switches:	Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified	Certificates from Canada and Europe are not pertinent for the installation of equipment in India. For the Make in India initiative, it is essential to have relevant Indian certificates, such as IEC 60950, CE, FCC, and RoHS certificates. Therefore, we kindly request an amendment to the clause as follows:  "The switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS), or an Indian equivalent certified."	Kindly read it as:  Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified or Indian Government equivalent standards
130	125	Preferred Brand below Details.	<ul style="list-style-type: none"> <li>➤ Juniper</li> <li>➤ Ruckus</li> <li>➤ CISCO Meraki</li> <li>➤ HP/ARUBA</li> <li>➤ Extreme</li> </ul>	When referencing the "RFP," Make in India (MII) is permitted, but on the other hand, preferred makes are specified, none of which are Make in India products. In accordance with DPIIT's GR (P-45014/33/2021-BE-II (E-64737)), promoting Make in India products that are technically competent and meet the required specifications and performance criteria should not be subject to restrictive clauses. Therefore, we kindly request the removal of this clause.	These are preferred brands however the institute is open to other brands provided they meet technical specifications
131	98	2	Minimum 24 x 10/100/1000 PoE+ and 4 x 1G/10G uplink ports (with required transceiver modules) with PoE budget of minimum 740W.	By default, a 24-port POE switch comes with a 370W power budget. If you require a 740W power budget, then you should consider using a 48-port switch.	Bidder to comply RFP terms & condition.
132	99	12	It should have static IP routing from Day1 and should be upgradable to support OSPF, PIM, EVPN-VXLAN and BGP	OSPF, PIM, EVPN-VXLAN, and BGP are protocols commonly associated with Layer 3 and data center switches. For your L2 POE switches, I kindly request you to modify this clause accordingly.	Bidder to comply RFP terms & condition.
133	99	20	Management using CLI (Telnet and SSH), GUI using Web interface should be supported	The current pure cloud-based solution does not offer a local CLI and GUI on switches.kindly request you to modify this clause accordingly.	Bidder to comply RFP terms & condition.
134	99	21	FTP/TFTP for upgrading the operating System	In a pure cloud-based solution, operating system upgrades occur through the cloud portal, local FTP/TFTP server not required .kindly request you to modify this clause accordingly.	Bidder to comply RFP terms & condition.
135	99	25	The Switches support perpetual PoE, which provides uninterrupted power to connected PoE powered devices even when the switch is rebooting.	During the switch reboot, all ports will be in shutdown mode.please remove the this Clause	Bidder to comply RFP terms & condition.
136	100	12	The Proposed switches should be able to support stacking / switch virtualization technology which makes single IP management of up to 4 Switch in same Rack, Across Rack, Same Floor, Across Floor, Same Bldg. or RFP - IGIDR/Tender/2024/CC/05 101 Across the Bldg. or spread across the campus. Stacking cable with accessories should be provided wherever required.	It is based on the stack cable length, with a maximum stack cable length of 3 meters.kindly request you to modify this clause accordingly.	Bidder to comply RFP terms & condition.
137	101	23	The Proposed Switch should be capable to Support Layer3 routing protocols like Static, RIP v1/v2, OSPF, RiPnG, OSPFv3 from day1.	This switch acts as an L2 switch, so L3 protocol is not required.kindly request you to modify this clause accordingly.	Kindly read it as:  The Proposed Switch should be capable to Support Layer3 routing protocols like Static, RIP v1/v2, OSPF, RiPnG, OSPFv3
138	102	34	The Proposed Switch Should Support enhanced CLI with exclusive debug / troubleshooting capability.	The current pure cloud-based solution does not offer a local CLI and GUI on switches.kindly request you to modify this clause accordingly.	Bidder to comply RFP terms & condition.
139	103	4	Switch should be populated with 2 x 10G Base-T Optics from Day 1	Cisco Meraki does not have a 10 Gig copper transceiver. I kindly request you to modify this clause accordingly.	Bidder to comply RFP terms & condition.

S.No.	Page no.	Clause No.	Bid Clause	Bidders Query	Response to Query
140	104	13	It should have static IP routing from Day 1 and should be upgradable to support OSPF, PIM, EVPN-VXLAN and BGP	PIM and EVPN-VXLAN protocols are typically associated with data center switches. However, we require core campus switches. I kindly request you to modify this clause accordingly.	Bidder to comply RFP terms & condition.
141	104	21	Management using CLI (Telnet and SSH), GUI using Web interface should be supported	The current pure cloud-based solution does not offer a local CLI and GUI on switches.kindly request you to modify this clause accordingly.	Bidder to comply RFP terms & condition.
142	15	2.1	Project Delivery	Please change the project completion timeframe from 6 weeks to 16-20 weeks, as the project completion is dependent on a smooth delivery process.	Bidder to comply RFP terms & condition. While, the project delivery timelines shall be discussed with the winning bidder.
143	19	2.14	Payment Terms	please change the clause Delivery of Hardware & respective Licenses,accessories etc. as per BOQ--80% Installation, Commissioning & Testing ---20%	Bidder to comply RFP terms & condition.
144	94	10	The AP should have two 2.4GHz omnidirectional antennas with 5 dBi peak gain and Four 5GHz mnidirectional antennas should with 6 dBi peak gain or better.	Specific to vendor. Please amend the clause as "The AP should have two Spatial Stream on 2.4GHz omnidirectional antennas with 4 dBi peak gain and Four Spatial Stream on 5GHz omnidirectional antennas should with 4.7 dBi peak gain or better."	Bidder to comply RFP terms & condition.
145	94	21	The AP should have Dedicated dual bad Radio for WIDS/WIPS, spectrum analysis, and location analytics apart from client serving radio for 2.4 and 5GHz.Alternatively, bidder can provision additional dedicated AP for WIPS/WIDS.	No, Remove this clause .	Security of the institute is paramount and in absence of the dedicated dual band radio for WIDS/WIPS the bidder can provision dedicated APs to meet this functional requirement of the institute.
146	95	4	Must support minimum 4X4:4 MU-MIMO on both bands. (2.4 and 5GHz)	Please amend as "Must support minimum 4X4:4 MU-MIMO on at least 5Ghz Band"	Bidder to comply RFP terms & condition.
147	95	10	The AP should have two 2.4GHz omnidirectional antennas with 5 dBi peak gain and Four 5GHz mnidirectional antennas should with 6 dBi peak gain or better.	Specific to vendor. Please amend the cluse as "The AP should have two Spatial Stream on 2.4GHz omnidirectional antennas with 3.2 dBi peak gain and Four Spatial Stream on 5GHz omnidirectional antennas should with 4.2 dBi peak gain or better."	Bidder to comply RFP terms & condition.
148	95	15	Must be WPC approved	No, Remove this clause .	Bidder to comply RFP terms & condition.
149	97	11	The solution should have feature to manually enable wireless and wired capture on Apps.	This is specific to single OEM	Bidder to comply RFP terms & condition.
150	98	7	The Switch should have Minimum 2GB DRAM and 2 GB internal Flash/ SSD	Every vendor support different size of RAM and flash based on support chipset, ASIC value and firmware size. Please amend as "The Switch should have Minimum 1GB DRAM and 1 GB internal Flash/ SSD"	Bidder to comply RFP terms & condition.
151	98	8	128 Gbps or higher Backplane capacity and minimum 244 Mpps of forwarding rate (excluding the stacking bandwidth and forwarding)	Please amend the cluse based on IEEE standared calculation of above asked port (24*1G*1.488). Please amend as "128 Gbps or higher Backplane capacity and minimum 154 Mpps of forwarding rate (excluding the stacking bandwidth and forwarding)"	Please include stacking bandwidth as well if required
152	99	12	It should have static IP routing from Day1 and should be upgradable to support OSPF, PIM, EVPN-VXLAN and BGP.	It should have static IP routing from Day1 and should be upgradable to support OSPF, PIM, EVPN, VXLAN and BGP.	Bidder to comply RFP terms & condition.
153	99	13	The switch should support 32k IPv4/ 16K IPv6 and 16k Multicast Routes/entries	The switch should support 8k IPv4/ 4K IPv6 and 6k Multicast Routes/entries	Bidder to comply RFP terms & condition.
154	100	6	The Proposed Switch should have minimum 1GHz CPU or more	Kindly dilute this clause	Bidder to comply RFP terms & condition.
155	100	8	The Proposed Switch should have minimum 2GB DRAM or more	Please amend as "The Proposed Switch should have minimum 1GB DRAM or more"	Bidder to comply RFP terms & condition.
156	100	9	The Proposed Switch should have minimum 2GB Flash or more	Please amend as "The Proposed Switch should have minimum 1GB Flash or more"	Bidder to comply RFP terms & condition.

S.No.	Page no.	Clause No.	Bid Clause	Bidders Query	Response to Query
157	100	12	The Proposed switches should be able to support stacking / switch virtualization technology which makes single IP management of up to 4 Switch in same Rack, Across Rack, Same Floor, Across Floor, Same Bldg. or Across the Bldg. or spread across the campus. Stacking cable with accessories should be provided wherever required	The Proposed switches should be able to support stacking / switch virtualization technology which makes single IP management of up to 8 Switch in same Rack, Across Rack, Same Floor, Across Floor, Same Bldg. or Across the Bldg. or spread across the campus. Stacking cable with accessories should be provided wherever required	Bidder to comply RFP terms & condition.
158	101	14	The Proposed Switch should support 802.1D, 802.1s, 802.1w, VSTP	VSTP is specific to vendor. Please amend as VSTP/PVST/PVST+	Please consider equivalent protocol
159	102	32	The Proposed Switch Should Support Following Scheduling methods (egress): Strict Priority (SP), deficit weighted round-robin (SDWRR)	Please amend as "The Proposed Switch Should Support Following Scheduling methods (egress): Strict Priority (SP), deficit weighted round-robin (SDWRR)/Weighted deficit round robin (WDRR)"	Bidder to comply RFP terms & condition.
160	102	33	The Proposed Switch Should Support Congestion avoidance capabilities: Tail drop	Please amend as "The Proposed Switch Should Support Congestion avoidance capabilities: Tail drop/Weighted random early detection (WRED)"	Bidder to comply RFP terms & condition.
161	103	41	The Proposed Switch Should be capable to Support Stateful Switchover (GRES) between master and backup switch to ensure minimum traffic loss during failover in Stacking/ Switch virtualization technology	GRES is specific to vendor.	Bidder to comply RFP terms & condition.
162	103	43	The switch should comply with following safety certification <ul style="list-style-type: none"> <li>UL-UL60950-1, C-UL to CAN/CSA 22.2 No.60950-1</li> <li>TUV/GS to EN 60950-1, Amendment A1-A4, A11</li> <li>CB-IEC60950-1, all country deviations</li> <li>EN 60825-1</li> </ul>	Please amend as • UL-UL60950-1, C-UL or CAN/CSA 22.2 No.60950-1 <ul style="list-style-type: none"> <li>TUV/GS or EN 60950-1,</li> <li>CB-IEC60950-1,</li> <li>EN 60825-1</li> </ul>	Equivalent Indian Certificate will be accepted
163	103	2	Switch should have minimum of 24 x 1G/10G SFP+ ports and 2 x 40G/100Gbe ports.	Kindly amend the same as, " Switch should have minimum of 24 x 1G/10G SFP+ ports and 2 x 40G/100Gbe ports.	Bidder to comply RFP terms & condition.
164	104	8	The Switch should have Minimum 4GB DRAM and 16GB internal Flash/ SSD	Please amend as "The Switch should have Minimum 2GB RAM and 2GB internal Flash/ SSD	Bidder to comply RFP terms & condition.
165	104	9	1000Gbps or higher Backplane capacity and minimum 800 Mpps of forwarding rate (excluding the stacking bandwidth and forwarding)	Please amend as "1000Gbps or higher Backplane capacity and minimum 800 Mpps of forwarding rate".	Bidder to comply RFP terms & condition.
166	15	2.10	The Bidder has to complete the project within 6 weeks. This includes comprehensive project planning, resource mobilization, materail delivery, installation and configuration of all components, cabling of addition AP, installation of Poles for the AP and delivery of other associated services, acceptance testing, and Project Sign Off.	Project Delivery must be deliver on before 31/3/2024.	Bidder to comply RFP terms & condition. While, the project delivery timelines shall be discussed with the winning bidder.
167	19	2.14	1. Delivery of Hardware and respective Licenses, accessories etc. as per BOQ : 30% of the Total Cost	We propose 60% at the time of Delivery	Bidder to comply RFP terms & condition.
	19	2.14	2. Installation,Comissioning and Testing	We propose 30% after completion of Installation, Testing and Comissioning	Bidder to comply RFP terms & condition.
	19	2.14	3.After completion of 3-year warranty period(can be released against submission of Bank Guarantee)	Agree	Bidder to comply RFP terms & condition.
	19	2.14	4. AMC : Quaterly in respective years at the end of the quarter	Agree	Bidder to comply RFP terms & condition.
168	124	29	If any additional AP's required to be installed during execution the bidder should provide at their own cost. No additional cost will be paid by institute	We propose all the technical qualified bidder should do the site survey to identify exact count of require AP's and submitt the site survey report (Physical Survey and Heat Map) to client.	Bidder to comply RFP terms & condition.