

Sr No	Page No	Point No.	Subject	Clause	Clarification Sought	Remarks	Final Response to Bidders
1	51	A.1	Cat 6A Shielded Twisted Pair cable U/FTP or F/UTP	CATEGORY 6A Cable	U/FTP is not suggested for campus premised, please make it F/UTP.		Suggestion not accepted, As per Tender doucment
2	53	F.8	Sheath : UV Stabilized Polyethylene (HDPE)	BRANCH OPTICAL FIBER CABLE ARMORED SINGLE MODE	Pathways will be use for all type of fiber cable laying, UV is not required. That's use for open laying on poles. For better strength, suggested double HDPE Jacket		Suggestion not accepted, As per Tender doucment
3	53	H.7	Should be made of Cold Rolled Steel	LIU LOADED FOR 24 LC PORTS WITH SPLICE TRAY AND LC ADAPTORS	Powder Coated Aluminium Alloy is better metal & light weight. Suggested, please change.		Please see the change as below : Should be made of Cold Rolled Steel/any metal
4	54	I.7	Should be made of Cold Rolled Steel	LIU LOADED FOR 48 LC PORTS WITH SPLICE TRAY AND LC ADAPTORS	Powder Coated Aluminium Alloy is better metal & light weight. Suggested, please change.		Please see the change as below : Should be made of Cold Rolled Steel/any metal
5	54	L	General	CAT 6 OUTSIDE PLANT CABLE (OUTDOOR APPLICATION)	Outdoor connectivity is required for outdoor access points but IP55 rated box will be required for outdoor access points connectivity. Suggested, please consider.		Suggestion not accepted.
6	19	Chapter-2	General	Schedule of Requirements & Scope of the Work	Please share the connectivity architecture		Please do site survey
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1	16	1.14	40% payment of the ordered value shall be released after the receipt of material in good condition at the Institute premises after inspection in phase wise manner.	You are requested to amend 60 % on delivery.	This will help NIPER get a better price. The material cost is to be paid to OEM immediatly on delivery by SI. Non Payment by NIPER will add interest cost to SI project cost.		Suggestion not accepted, As per Tender doucment
2	36	A.15	RIPNG	RIPNG/Equivalent OSPFv3	Advanced OSPFv3 has already been asked and performs the same function as Legacy RIPN		Suggestion not accepted, As per Tender doucment
3	36	A.17	The Switch should support In service Software upgrade (ISSU)	The Switch should support In-service Software upgrade (ISSU)/Hitless upgrade through dual image	Hitless upgrade is achieved through Dual Switches in HA mode having Dual images		Suggestion not accepted,but Please see the change as below " The Switch should support In service Software upgrade (ISSU) or equivalent
4	36	A.18	The Switch Should have NTP	The Switch Should have NTP /SNTP	SNTP provides the Equivalent functionality as NT		Suggestion not accepted, As per Tender doucment
5	37	C.10	The Access Switch should support min 16K MAC addresses and min 4000 active VLANs.	The Access Switch should support min 16K MAC addresses and min 256 active VLANs and aware of 4000 Vlan ids	4000 vlans on Access switches is too high. Access switch should be capable of being aware of 4000 vlans		Suggestion not accepted, As per Tender doucment

6	38	C.12	The Access Switch should support basic Layer 3 features like static routing, RIPv1/v2 and VRRP from day 1	The Access Switch should support basic Layer 3 features like static routing, RIPv1/v2 from day 1	VRRP is core routing Protocol for layer 3 Core switches and is not required in access Switches which get connected to end desktops and end devices		Suggestion not accepted, As per Tender document
7	38	D.9	The Access Switch should support min 16K MAC addresses and min 4000 active VLANs	The Access Switch should support min 16K MAC addresses and min 256 active VLANs and aware of 4000 Vlan ids	4000 vlans on Access switches is too high. Access switch should be capable of being aware of 4000 vlans		Suggestaion not accepted, As per Tender document
8	38	D.11	The Access Switch should support basic Layer 3 features like static routing, RIPv1/v2 and VRRP from day 1	The Access Switch should support basic Layer 3 features like static routing, RIPv1/v2 and VRRP from day 1.	VRRP is core routing Protocol for layer 3 Core switches and is not required in access Switches which get connected to end desktops and end devices		Suggestion not accepted, As per Tender document
9	47	N.1H	Network: OSPF, Round Robin load balance, RIPv2, BGP, equal & unequal cost load balance, High Availability, QoS, etc. Round Robin Balance, Server Load Balancing.	Kindly remove equal & unequal cost load balance.	This is used for typical Load Balancing at ISP End.		Suggestaion not accepted, As per Tender document
10	48	N.1J	ICSA certification and NSS recommendation for firewall	indly Make it as ICSA/NSS	Why both are required? As both are US Based Certification		Suggestaion not accepted, As per Tender document
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1	35	A.12		The Core Switches should support full Layer 3 features like PIM-DM, PIM-SM, RIPv1/v2, OSPF, BGP, VRRP and PBR from day 1.		Request to remove BGP support from day 1	Suggestion not accepted, As per Tender document
2	37	C.11		The Switch should support full Layer 2 features like STP, RSTP, MSTP/PVST, LACP / IEEE 802.3ad , ACL, QoS and IGMPv1/v2/v3 from day 1.		Request to remove IGMPv1/v2/v3 support from day 1	Suggestion not accepted, As per Tender document
3	37	C.12		The Access Switch should support basic Layer 3 features like static routing, RIPv1/v2 and VRRP from day 1.		Request to remove VRRP support from day 1	Suggestion not accepted, As per Tender document
4	37	D.10		The access Switch should support full Layer 2 features like STP, RSTP, MSTP/PVST, LACP/IEEE802.3ad, ACL, QoS and IGMPv1/v2/v3 from day 1.		Request to remove IGMPv1/v2/v3 support from day 1	Suggestion not accepted, As per Tender document
5	37	D.11		The Access Switch should support basic Layer 3 features like static routing, RIPv1/v2 and VRRP from day 1.		Request to remove VRRP support from day 1	Suggestion not accepted, As per Tender document
6	37			Switch should have 1G DRAM and 1G Flash memory	Request to add this point	For Better performance	Suggestaion not accepted.
7	38			Switch should have 1G DRAM and 1G Flash memory	Request to add this point	For Better performance	Suggestaion not accepted.

8	38			Switch should have 1G DRAM and 1G Flash memory	Request to add this point	For Better performance	Suggestion not accepted.
9	36	C.5		Switch Should Have option for Redundant power Supply	Request to remove RPS from Access switch	Please remove the RPS from the access witches as this is not commnly available acrss all vendors.	Suggestaion not accepted.
10	37	D.5		Switch Should Have option for Redundant power Supply	Request to remove RPS from Access switch	Please remove the RPS from the access witches as this is not commnly available acrss all vendors.	Suggestion not accepted.
11	47	N.1g		Should have Web Application Firewall	Request to remove this point	Specific to OEM	Suggestion accepted.
12	47	N.1h		Network: OSPF, Round Robin load balance, RIPv2, BGP, equal & unequal cost load balance, High Availability, QoS, etc. Round Robin Balance, Server Load Balancing.	Request to remove Round Robin load Balance and server Load Balancing	OEM Specific, Load balance is done with hash algorithm	Suggestion not accepted, As per Tender doucment
13	47	N.1j		ICSA certification and NSS recommendation for firewall	Request to change this to FCC Class A and RoHS 2 certified		Suggestion not accepted, As per Tender doucment
14	48	N.2f		Minimum 10 Gbps of VPN throughput.	Request to change this to 9 Gbps IMIX VPN throughput	IMIX is the right way to calculate the throughput as Smaller packet also be in the consideraton along with large Packets.	Suggestion not accepted, As per Tender doucment
15	48	N.2g		6 x 10/100/1000 interfaces along with 500GB built-in hard disk	Request to change this to 6 x 1G interfaces with 240GB 1+1 hard disk		Suggestion not accepted, As per Tender doucment
16	48	N.2h		Minimum one slot to support upgrade of 4 x10GE SFP or 4 x 1 Gb SFP in same box if required in future.	Request to change this to upgrade of 2x10GE SFP or 2 x 1 Gb SFP in same box if required in future.		Suggestion not accepted, As per Tender doucment
17	48	N.3		he proposed IPS should support different attacks like Mail Attack, FTP Attack, HTTP Attack, DNS Attack, ICPM Attack, TCP/IP Attack, DOS and DDOS Attack, TelNet Attack. Signatures: Default (3000+), Custom, IPS Policies: Multiple, Custom, User-based policy creation, Automatic real-time updates from Protect networks, Protocol Anomaly Detection. IPsec, L2TP, PPTP and SSL as a part of Basic Appliance	Request to remove L2TP	This is an absolute technology	Suggestion Accepted. The proposed IPS should support different attacks like Mail Attack, FTP Attack, HTTP Attack, DNS Attack, ICPM Attack, TCP/IP

18	48	N.4		Includes reports for Centralized management, Monitoring & Logging, Command line interface. Monitoring Gateways, Monitoring suspicious activity and alerts, Graphical real-time and historical monitoring, email notification of reports, viruses and attacks reports. IPS, Web filter, Antivirus, Anti-spam system reports. IP and User basis report, Compliance reports and 1200+ drilled down reports on the appliance. External logging appliance need to be quoted with support for 3Gb logs /day .	Please clarify only monitoring or centralized management is also required.		Suggestion accepted. Includes reports for Monitoring & Logging, Command line interface. Monitoring Gateways, Monitoring suspicious activity and alerts, Graphical real-time and historical monitoring, email notification of reports, viruses and attacks reports. IPS, Web filter, Antivirus, Anti-spam system reports. IP and User basis report, Compliance reports and 1200+ drilled down reports on the appliance.
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1	35	A.12		The Core Switches should support full Layer 3 features like PIM-DM, PIM-SM, RIPv1/v2, OSPF, BGP, VRRP and PBR from day 1.		Request to remove BGP support from day 1	Suggestion not accepted, As per Tender document
2	37	C.11		The Switch should support full Layer 2 features like STP, RSTP, MSTP/PVST, LACP / IEEE 802.3ad , ACL, QoS and IGMPv1/v2/v3 from day 1.		Request to remove IGMPv1/v2/v3 support from day 1	Suggestion not accepted, As per Tender document
3	37	C.12		The Access Switch should support basic Layer 3 features like static routing, RIPv1/v2 and VRRP from day 1.		Request to remove VRRP support from day 1	Suggestion not accepted, As per Tender document
4	37	D.10		The access Switch should support full Layer 2 features like STP, RSTP, MSTP/PVST, LACP/IEEE802.3ad, ACL, QoS and IGMPv1/v2/v3 from day 1.		Request to remove IGMPv1/v2/v3 support from day 1	Suggestion not accepted, As per Tender document
5	37	D.11		The Access Switch should support basic Layer 3 features like static routing, RIPv1/v2 and VRRP from day 1.		Request to remove VRRP support from day 1	Suggestion not accepted, As per Tender document
6	37			Switch should have 1G DRAM and 1G Flash memory	Request to add this point	For Better performance	Suggestion not accepted.
7	38			Switch should have 1G DRAM and 1G Flash memory	Request to add this point	For Better performance	Suggestion not accepted.
8	38			Switch should have 1G DRAM and 1G Flash memory	Request to add this point	For Better performance	Suggestion not accepted.
9	36	C.5		Switch Should Have option for Redundant power Supply	Request to remove RPS from Access switch	Please remove the RPS from the access witches as this is not commnly available acrss all vendors.	Suggestaion not accepted.

10	37	D.5		Switch Should Have option for Redundant power Supply	Request to remove RPS from Access switch	Please remove the RPS from the access witches as this is not commnly available acrss all vendors.	Suggestion not accepted.
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1	36	A.19		The Switch Should be Web based, SSH, SCP, telnet to manage the device	The Switch should be Web based SSH, <b>SCP/SFTP</b> , Telnet to manage the device	SCP & SFTP both provide the same functionality with same feature set as per industry reports. Please check the below website for more details: <a href="http://www.jscape.com/blog/scp-vs-sftp">http://www.jscape.com/blog/scp-vs-sftp</a>	Suggestion accepted. Please see the change as below : The Switch should be Web based SSH, SCP/SFTP, Telnet to manage the device
2	47	M.10		The access point should support 802.1q VLAN tagging on LAN Ports and Wireless SSIDs Antenna: 2 Nos. Integrated omnidirectional, with min 5 dBi Gain for 2.4Ghz.	The access point should support 802.1q VLAN tagging on LAN Ports and Wireless SSIDs Antenna: 2 Nos. Integrated omni-directional, with Min. 4 dBi Gain for 2.4Ghz	Indoor access point with Single Band radio for residential purpose 4 dBi gain is sufficient to meet the requirement therefore 4dBi Gain shall be allowed	Suggestion not accepted, As per Tender doucment
3	47	M.12		Should support the operating temp 0° to 40° C and Humidity: 0% to 95% noncondensing.	Should support the operating temp 00 to 400 C and the humidity: 5% to 95% non-condensing	Humidity level depends on the environmental conditions, looking at the deployment location at Mohali (North India) 5% to 95% non-condensing shall be allowed	Accepted . Should support the Operation temp 0 dec to 40 Deg C and Humidity : 0% to 90%
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1				The Access Switch should support Openflow /netflow/Sflow/jflow programmable interface for SDN	The Access Switch should support Openflow /netflow/Sflow/jflow programmable interface for SDN or Equivalent	These applications fall in the areas of network management which can be served with NMS in case of small networks	Suggestion accepted. Please see the change as below : "The Switch should support openflow programmable interface for SDN and Netflow/jFlow/Sflow for switch management"
Sr No	Page No	Point No.	Subject	Clause	Clarification Sought	Remarks	Final Response to Bidders
1				The Access Switch should support Openflow /netflow/Sflow/jflow programmable interface for SDN	The Access Switch should support Openflow /netflow/Sflow/jflow programmable interface for SDN or Equivalent		Suggestion accepted. Please see the change as below : "The Switch should support openflow programmable interface for SDN and Netflow/jFlow/Sflow for switch management"
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				The Access Switch should support Openflow /netflow/Sflow/jflow programmable interface for SDN	The Access Switch should support Openflow /netflow/Sflow/jflow programmable interface for SDN or Equivalent	These applications fall in the areas of network management which can be served with NMS in case of small networks	Suggestion accepted. Please see the change as below : "The Switch should support openflow programmable interface for SDN and Netflow/jFlow/Sflow for switch management"
1	34	A.9	Core Switch	The Core Switches should support min 128K MAC addresses and min 4000 active VLAN. It should support Unicast, Multicast routing and IPv4 and IPv6 routes.	128K MAC is very high it should be reduced to 96K		Suggestion not accepted, As per Tender document
2	34	A.11	Core Switch	Switch Should support IEEE 801.1 aq	this protocol is usefull in datacenter enviornment. It is not required in campus networking	request you to remove	Suggestion not accepted, As per Tender document
3	36	B.5	Fiber distribution Switch	The Switch should have min2 ports of 10G SFP+ from day 1for stacking	stacking capability should be minimum 80gbps.	Request you to amend the same	Suggestion not accepted, As per Tender document
4	37	B.9	Fiber distribution Switch	The Switch should support min 16K MAC addresses and min 4000 active VLANS.	The Switch should support min 32K MAC addresses and min 4000 active VLANS.	Request you to amend the same	Suggestion not accepted, As per Tender document
5	35	A.12	A	The Core Switches should support full Layer 3 features like PIM-DM, PIM-SM, RIPv1/v2, OSPF, BGP, VRRP and PBR from day 1.			Suggestion not accepted, As per Tender document
6	37	C.11	C	The Switch should support full Layer 2 features like STP, RSTP, MSTP/PVST, LACP / IEEE 802.3ad , ACL, QoS and IGMPv1/v2/v3 from day 1.			Suggestion not accepted, As per Tender document
7	37	C.12	C	The Access Switch should support basic Layer 3 features like static routing, RIPv1/v2 and VRRP from day 1.			Suggestion not accepted, As per Tender document
8	37	D.10	D	The access Switch should suport full Layer 2 features like STP, RSTP, MSTP/PVST, LACP/IEEE802.3ad, ACL,Qos and IGMPv1/V2/V3 from day 1			Suggestion not accepted, As per Tender document
9	37	D.11	D	The Access Switch should support basic Layer 3 features like static routing, RIPv1/v2 and VRRP from day 1.			Suggestion not accepted, As per Tender document
10	36	C.5	C	Switch Should Have option for Redundant power Supply			Suggestion not accepted, As per Tender document
11	37	D.5	D	Switch Should Have option for Redundant power Supply			Suggestion not accepted, As per Tender document

12	41	J	J.2	WLAN Management Device must be Software controller/hardware controller/cloud controller and should support upto 1000 Access Points without any License	Request you to remove Cloud Controller. Clause should be read as "WLAN Management Device must be Virtual(Software based)controller/hardware controller and should support upto 1000 Access Points".	Cloud based controller is not suggested for large deployments like campus as they are built to handle deployment with multiple location and less AP count. Education campus are very much performance demanding. Also all leading OEM's use Licenses for AP support. Given clause is vendor specific.	Suggestion not accepted, As per Tender document
13	41	J	J.13	Device should support fast roaming, fast handover, traffic shaping and band steering	Request you to change clause to "Device should support 802.11r fast roaming & fast handover, rate limiting, 802.11k and band steering"	Traffic shaping should be described for functionality. All leading WiFi OEM's support Bandwidth rate limits. Also there is no standard mentioned for any functionality. Please mention relevant standard as well along with functionality.	Accepted. Device should support 802.11r fast roaming & fast handover, rate limiting, 802.11k and band steering"
14	42	J	J.17	Device should support Rapid Spanning tree, CoS based on 802.1p priority, physical port, DHCP and 802.1X port based Access control	RSTP or DHCP functionality is not desired at controller level as L3 router/switch/server has those features. Please change clause to " Device should support, CoS based on 802.1p priority, physical port, internal or external DHCP and 802.1X port based		Accepted . " Device should support, CoS based on 802.1p priority, physical port, internal or external DHCP and 802.1X port based
15	42	J	J.29	Guest SSID Should support upto 500 client Device with Captive Portal facility.	why this should be limited for 500 users? Guest SSID is part of Controller only		Suggestion not accepted, As per Tender document
16	42	J	J.30	Guest SSID should include DHCP server	Please change the clause to "Guest SSID should support DHCP"	Please describe the meaning of it? All the SSID's should have DHCP server support then any specific use case for Guest?	Suggestion not accepted, As per Tender document
17		K	K.8	Must Support maximum power of 29dbm as limited by Wireless Planning and Commission(WPC)	Please change max power to 28dBm for 2.4Ghz	given max power is more than WPC limit.	Suggestion not accepted, As per Tender document
18		L	L.7	Must support 3X3 multiple input multiple output(MIMO) with two spatial streams	with 2 stream, AP can not achieve 1.3 Gbps. It should be 3 stream.		Accepted . It should be 3 stream.
19		L	L.22	Support system specific reboot periodically.	please clarify the use case.		Suggestion not accepted, As per Tender document

20		L	L.29	Must should be certified by Wifi Aliance/UL 2043/WPC	mentioned certification are altogether different use case	please mention the all relevant certifications to make RFP tightly integrated	Suggestion accepted, only WPC /FCC certificate is required
21		M	M.1	AP should have to support 2.4 Ghz concurrent user with 802.11/b/g/n capability.	single band radio is no more industry standard and now 802.11ac is the standard to follow. Please change this to 802.11a/b/g/n/ac.		Suggestion not accepted, As per Tender doucment
22		M	M.5	AP should provide maximum 26dBm transmit power for 2.4 Ghz(Maximum EIRP should be limited as per govt. regulation for indoor	26dBm is higher for smaller indoor AP's .please change it to 23dBm.		Suggestion not accepted, As per Tender doucment
23		M	M.10	The acess point should support 802.1q VLAN tagging on LAN port and Wireless SSIDs Antenna:2Nos. Integrated omni-directional, with min 5 dBi gain for 2.4 Ghz.	please change antenna gain to 3dBm		Suggestion not accepted, As per Tender doucment
24		M	M.19	Should support syslog(local and remote)-store 1000 entries locally and forward log to remote log server.	In controller based architecture, WLC shoud store the logs and not the AP. Please remove this point.		Suggestion not accepted, As per Tender doucment
25	47	N.1h	N(UTM)	Network: OSPF, Round Robin load balance,RIPV2,BGP, equal and unequal cost load balance,High Availability, Qos,etc,Round Robin Balance, Server Load Balancing	we are doing dedicated link load balancing	equal and unequal load balance is a feature of dedicated load balance	Suggestion not accepted, As per Tender doucment
26	47	N.1J	N(UTM)	ICSA certification and NSS recommendation for firewall	Request you to kindly amend ICSA/NSS certification	From ICSA and NSS either one should be considration	Suggestion not accepted, As per Tender doucment
27	53	F.8	BRANCH OPTICAL FIBER CABLE ARMORED SINGLE MODE	Sheath : UV Stabilized Polyethylene (HDPE)	Pathways will be use for all type of fiber cable laying, UV is not required. That's use for open laying on poles. For better strength, suggested double HDPE Jacket		Suggestion not accepted, As per Tender doucment
28	53	F.9	BRANCH OPTICAL FIBER CABLE ARMORED SINGLE MODE	Maximum Tensile Strenght-Short Term:1250 Newton or better	suggested Minimum tensile strength should be 2650N like Main optical fiber cable, please consider.For better strength, suggested double HDPE jacket		Suggestion not accepted, As per Tender doucment
29	53	H.7	LIU LOADED FOR 24 LC PORTS WITH SPLICE TRAY AND LC ADAPTORS	Should be made of Cold Rolled Steel	Powder Coated Aluminium Alloy is better metal & light weight. Suggested, please change.		Please see the change as below : Should be made of Cold Rolled Steel/any metal
30	54	H.7	LIU LOADED FOR 48 LC PORTS WITH SPLICE TRAY AND LC ADAPTORS	Should be made of Cold Rolled Steel	Powder Coated Aluminium Alloy is better metal & light weight. Suggested, please change.		Please see the change as below : Should be made of Cold Rolled Steel/any metal
31	54	L	CAT 6 OUTSIDE PLANT CABLE (OUTDOOR APPLICATION)	General	Outdoor connectivity is required for outdoor access points but IP55 rated box will be required for outdoor access points connectivity. Suggested, please consider.		Suggestion not accepted.
32	17	IV	1.14 Payment Terms	Balance 10% of the ordered value shall be released after 180 days after successful running of the network	Request for defination over " 180 days after successful running of the network"	otherwise, It should have been "180 days of the date of satisfactory installation"	Suggestion not accepted, As per Tender doucment

33	60	9,10,11	Financial Bid	Point no. 9-10G LR SM Module @1310nm Point No. 10-1G LX SM Module @1310nm Poini no. 11- 1G Base T RJ 45 Module	annexure 9 item no 9,10,11, subsequent to chapter 1 cat (F)we would like to know where we can supply network compatible modules of any make and/or independent of the switching make	would request for clarification to the effect	Suggestion not accepted, As per Tender doucment
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1	8	D	Pre-Qualification Criteria	All Switching Components like Core Switch, Distribution Switches, and Access Switches should be of single OEM (same make) and all Wi-Fi Components like WLAN Controllers and Access Points should be of single OEM (same make). All Passive components should be from single OEM (same make) except UPS, Racks and conduits. OEM of passive should have Cat 6A ETL Verified for 4-Connector Channel to ISO/IEC 11801 AMD 1 Class EA, along with channel illustration, and parts numbers. (ETL corticated to be submitted along with the bid). All racks and associated accessories should be from single OEM.	We request you to delete this clause "All Passive components should be from single OEM (same make) except UPS, Racks and conduits" because components like HDPE, GI Pipe etc. are not available from same make.		Suggestion accepted, Please see the change as below : All Switching Components like Core Switch, Distribution Switches, and Access Switches should be of single OEM (same make) and all Wi-Fi Components like WLAN Controllers and Access Points should be of single OEM (same make).All Passive components should be from single OEM (same make) except UPS, Racks and conduits , HDPE, GI Pipe ( OEM of passive should have Cat 6A ETL Verified for 4-Connector Channel to ISO/IEC 11801 AMD 1 Class EA, along with channel illustration, and parts numbers. (ETL corticated to be submitted along with the bid). All racks and associated accessories should be from single OEM.)
2	8	H	Pre-Qualification Criteria	The tenderer must have at least two OEM certified engineers on company payroll.	We understand that NIPER is asking OEM certified engineers on company role for smooth project execution, hence request you to amend this clause as "The tenderer must have at least two OEM (active components) certified engineers on company payroll at the time of project implementation. Tenderer must submit an undertaking for the same in Technical bid"		Suggestion not accepted, As per Tender doucment
3	9	I	Pre-Qualification Criteria	The offered products in the solution against the supply order shall be latest version and should not be end of life for next 5 years. However, if any product which is declared end of life product by OEM during the supply period of material, the tenderer is required to supply/ replace model with the next higher model/version of the product.	Please amend this clause as "The offered products in the solution against the supply order shall be latest version and should not be end of support life for next 5 years. However, if any product which is declared end of support life product by OEM during the supply period of material, the tenderer is required to supply/ replace model with the next higher model/version of the product."		Suggestion not accepted, As per Tender doucment
4	9	S	Pre-Qualification Criteria	s) Payment of all taxes and compliance of all the laws, rule, regulations, orders, etc. will be the sole responsibility of the bidder. In case of non-adherence of any provisions mentioned in this Para, bidder will be fully responsible for all the consequences, arising thereof.	We request you to provide details of laws, rules, regulations and orders which NIPER wants bidder to comply with.		Suggestion not accepted, As per Tender doucment

5	11	1.2	Earnest Money Deposit (EMD)	Earnest Money Deposit (EMD) - The tenderer shall be required to submit the Earnest Money Deposit (EMD) for an amount of Rs. 4, 00,000/- (Rupees Four Lacs only) which is refundable. The demand draft shall be drawn in favour of "Director NIPER" payable at Mohali/Chandigarh.	Please allow us to submit EMD in the form of Bank Guarantee as well.		Suggestion not accepted, As per Tender document
6	12&13	A	Sub-Stage –1 B (Technical Specification)	The tenderer should clearly specify and state the methodology to implement the project. The entire time schedule, with specific landmarks must also be furnished in the technical bid: i. Solution Architecture Design. ii. Implementation methodology along with Racks, Node & connectivity details. cabling plan and design of work to be provided. iii. Issues, Suggestions & Risks, if any. iv. Project time schedule as per clause no 1.10. v. Integration & Acceptance Test. vi. Certificate of completeness of solution within the scope of work to be provided.	Most of the details has been asked in this clause are related to implementations except solution architecture design. We request NIPER to provide a solution architecture so that all the bidders can quote the solution based on same architecture, which would be easy for NIPER to evaluate during technical evaluation. else every bidder would come with their own architecture and it would take too much time to evaluate the bids. Request to change this clause that selected bidder should submit these documents before implementations. Similar things like site survey report, architecture design, cabling design etc. are asked in clause 1.10 Delivery & Installation as well.		Please do the site survey
7	14	1.6	Warranty	1.6 Warranty - Tender must be quoted with the Five (05) years comprehensive onsite Warranty. Five years on-site warranty will start after final acceptance from the Institute and tenderer also give the warranty declaration in prescribed format as attached with tender as (Annexure–VI) and must be enclosed with the technical bid.	OEM warranty/support of all the components has been asked for 5 years in Annexure-VIII. OEM warranty/support usually starts from date shipment not the date of final acceptance. If NIPER wants warranty/support from date of final acceptance then would request you to ask at least 5 years and 8 months (24weeks + 2 months) warranty/support from OEM in Annexure-VIII to avoid any gap.		Suggestion not accepted, As per Tender document
8	14	1.6	Warranty	Free onsite comprehensive (including all Hardware, Software, Racks, network cabling for all types of defects and problems) maintenance services shall be provided by the Supplier / OEM during the period of warranty. Moreover, this warranty may be for all reasons other than damage from tornadoes, hurricanes, floods, or other natural disasters.	We request to add few more points in exclusions like scenarios out of bidders control, Fire, failure due to Electricity/power issue because electricity/power is being provided by NIPER. Moreover, every OEM has their own warranty policy, making it stringent would increase cost of the project.		Suggestion not accepted, As per Tender document
9	14	1.6	Warranty	The on-site resident engineer should report on all working days including Saturday from 9.00 a.m. to 5.30 p.m. Resident Engineer will be responsible to configure all active and passive components including Server for best performance and checking of unnecessary network traffic. Resident engineer must be a qualified certified network engineer	Please provide minimum qualifications of Resident Engineer(s). Please let us know, how many engineers would be required on-site.		Suggestion not accepted, As per Tender document

10	14	1.6	Warranty	Preventive Maintenance should be performed twice every year during the first week of December / January and June / July during the 5 year on-site comprehensive warranty period and submit the report to Head, Computer Centre within a week of Preventive Maintenance schedule. NIPER will not provide or do any troubleshooting at its end.	We are assuming that bidder's responsibility is to maintain the supplied components, not to operate the system. Please clarify whether responsibility of network operations is with bidder or NIPER.		Sole Responsibility of Bidder
11	15	1.6	Warranty	Downtime: The downtime should be less than 5 hours. Downtime will be counted from the date and time of the filing of complaint within the business hours. During the warranty the equipment along with accessories has to be maintained 5% local stocking components at NIPER (as decided by NIPER).	a) To meet the required uptime local stocking at NIPER or at bidders location at Chandigarh/Mohali would be required. However, keeping major components in stock like Core Switch, Distribution Switch, Wireless Controller, UTM and server etc. would increase the total project cost manifold. Please confirm what all equipment's & Quantity to be kept at NIPER for immediate replacement. b) Also relax the downtime clause and downtime shall not be calculated of any component which is not kept in local stock, as local stocking to be decided by NIPER. c) would NIPER place additional order for local stocking of required equipment's & quantity or bidder has to factor the same in their BoQ. Please clarify.		Suggestion not accepted, As per Tender document
12	16	1.10'	Delivery & Installation	Delivery & Installation - Delivery schedule is given as below and it will be ready to use within 24 weeks on faultless working condition from the date of the issue of the purchase order or within such time as may be extended by the Institute.	we are assuming any delay from NIPER side would not be considered for penalty calculations. Assuming site readiness, power/electricity, approvals, right of way shall be provided as n when required by NIPER or get it arranged, if approver is not NIPER. Please clarify.		Suggestion not accepted, As per Tender document
13	16		Satisfactory Installation	Satisfactory Installation: Satisfactory installation / commissioning and handing over of the equipment mean the faultless functioning of the equipment for a minimum period of 90 days after satisfactory installation.	We request you to amend this clause as "Satisfactory installation / commissioning and handing over of the equipment mean the faultless functioning of the equipment for a minimum period of 30 days after satisfactory installation."		Suggestion not accepted, As per Tender document

14	17	1.14	Payment Terms	I. 40% payment of the ordered value shall be released after the receipt of material in good condition at the Institute premises after inspection in phase wise manner.	with current clause, there is huge financial exposure on bidder and bidder would load the cost of finance in the bid, which further would increase total cost of the project for NIPER. Hence we request you to amend this clause as "90% payment of the ordered value shall be released after the receipt of material in good condition at the Institute premises after inspection in phase wise manner." Moreover, 10% of performance guarantee has been asked in the tender to protect NIPER interest. Please clarify if equipment's are being delivered in phased manner then payment of delivered equipment's would be released or payment would be released after delivery of all the equipment's at NIPER.		Suggestion not accepted, As per Tender document
15	18	1.14	Payment Terms	II. 40% of the ordered value shall be released after satisfactory installation/ commissioning and handover of the equipment in faultless working condition for period of 90 days from the date of satisfactory installation and submission of the test report.	We request NIPER to change this clause as "10% of the ordered value shall be released after satisfactory installation/ commissioning and handover of the equipment in faultless working condition for period of 30 days from the date of satisfactory installation and submission of the test report" Moreover, NIPER interest is being protected through performance guarantee.		Suggestion not accepted, As per Tender document
16	18	1.14	Payment Terms	V. Payment for all miscellaneous items like GI pipe, HDPE pipe, Chambers, UPS and PVC Conduit shall be made on actual basis as per measurement at site.	We request NIPER to change this clause as "V. Payment of all the components including miscellaneous items like GI pipe, HDPE pipe, Chambers, UPS and PVC Conduit shall be made on actual basis as per requirement/measurement at site."		Suggestion not accepted, As per Tender document
17	20	Chapter-2	Schedule of Requirements & Scope of the Work	2. All hardware and software must be IPv6 compliant. Existing hardware and software must be checked for IPv6 compliance.	Assuming existing hardware and software is IPv6 compliant. If NIPER wants bidder to verify the same then please share the details, versions, release, make, model etc. to verify the same.		Please do site survey
18	20	Chapter-2	Schedule of Requirements & Scope of the Work	Be centrally manageable across all sites. All the proposed solution should be managed from a centralized location. Space for centrally managed would be provided by the NIPER SAS Nagar.	Please modify this clause as "Centrally manageable NMS Solution to be provided by bidder. All the proposed solution should be managed from a centralized location. Space for centrally managed would be provided by the NIPER SAS Nagar."		Suggestion not accepted, As per Tender document
19	20	Chapter-2	Schedule of Requirements & Scope of the Work	9. Repair/Refurnishing work owing to damage caused due to cabling or any other work related to this Project. There should not be any hanging or uncovered wire.	Our understanding is that Right of way shall be provided by NIPER. Please confirm.		Yes way will be provided by NIPER

20	20	Chapter-2	Schedule of Requirements & Scope of the Work	12.Design of wireless systems for all the location of access points as to provide coverage as outlined in the documents. The coverage criteria shall be: a) At least -65dBm at 95% of the intended coverage locations b) At least -70dBm at 100% of the intended coverage locations. c) Ensure intranet bandwidth 40 Mbps (If failed, extra access points to be added at their own cost to meet the NIPER requirements.)In hostels and residential area, Wi- Fi must cover all rooms, mess, and common area.	Our understanding from this clause is that, NIPER has finalized the specifications, and quantity after considering the requirement in this clause. Bidder needs to supply, install, configure the items as per specifications and mentioned quantity. Please clarify, if there is any gap in our understanding.		It is clearly mentioned in tender document
21	21	Chapter-2	Schedule of Requirements & Scope of the Work	20. The system should be able to provide network and internet access to any device which is Wi-Fi enabled. The user can access the internet on any of their smart devices such as Smart Phones, Laptops and Tablets etc. regardless of software browser and operating system.	We request to amend this clause as "The system should be able to provide network and internet access to any device which is Wi-Fi certified. The user can access the internet on any of their smart devices such as Smart Phones, Laptops and Tablets etc. regardless of software browser and operating system."		Suggestion not accepted, As per Tender document
22	21	Chapter-2	Schedule of Requirements & Scope of the Work	22. Testing may also be carried out at the discretion of the Institute, from the lot of finished product brought at site by the supplier. In case such tests have been carried out by the principal manufacturer at its testing facility, the same will be provided by the supplier for consideration. Also provide any certification carried out on the cabling.	Please elaborate this clause. Please clarify the outcome expected.		It I includes testing of all the componets as per their manual.
23	30	CERTIFICATE OF WARRANTY	ANNEXURE – VI	I / We certify that the warranty shall be given for a period of five (05) years starting from the date of the final acceptance.	OEM warranty/support of all the components has been asked for 5 years in Annexure-VIII. OEM warranty/support usually starts from date shipment not the date of final acceptance. If NIPER wants warranty/support from date of final acceptance then would request you to ask at least 5 years and 8 months (24weeks + 2 months) warranty/support from OEM to avoid any gap in Annexure-VIII.		Suggestion not accepted, As per Tender document
24	30	Uptime Guarantee	ANNEXURE – VI	Uptime Guarantee: During the guarantee / warranty period, we will be responsible to maintain the equipment including all the accessories in the satisfactory faultless working conditions for a period 364 days (i.e. 99% uptime) in a block of 365 days	a) Our understanding from this clause is that 99% annual uptime should be ensured of systems are in High-availability and spare kept in stock locally. Component level uptime shall not be considered for uptime/penalty calculation. Also, downtime shall be calculated during business hours only. Please clarify. b) Assuming any downtime due to damage, electricity, theft, ambient, fire etc. and out of bidder's control scenarios shall not be considered for penalty calculations. Please clarify.		This belongs to overall network operationa and network componets as per tender document.

25	30 & 31		ANNEXURE – VI	No deduction or advantage of any kind on account of Sundays, half days or Public / Govt. holidays observed by the Institute shall be allowed from the total down time permissible as defined above. The right to accept the reason(s) for delay and consider reduction or waive off the penalty for the same shall be at the sole discretion of the Institute.	Our understanding is that penalty shall be applicable for institute's working days only. It would be difficult for bidders to rectify the fault when institute is closed.		Suggestion not accepted, As per Tender document
26	31		ANNEXURE – VI	I / We guarantee that we will supply spare parts, if and when required on agreed basis.	We request NIPER to amend this clause as "I / We guarantee that we will supply spare parts during warranty period, if and when required on agreed basis."		Suggestion not accepted, As per Tender document
27	33		ANNEXURE–VII	5. The Bank further agrees that the guarantee herein contained shall remain in full force and effect for a period of 60 months from the date hereof and also that the extension of this guarantee will be provided for by the Bank for such period beyond the period of 12 months as the Purchaser may feel necessary in this behalf. Provided further that if any claim accrues or arises against the Bank before the expiry of the said 12 months or an extension thereof, the same shall be enforceable against the Bank notwithstanding the fact the same is enforced after the said period of 12 months or any extension thereof.	We request NIPER to amend this clause as "The Bank further agrees that the guarantee herein contained shall remain in full force and effect for a period of 60 months from the date hereof and also that the extension of this guarantee will be provided for by the Bank for such period beyond the period of 12 months as the Purchaser's and bidder's mutual agreement. Provided further that if any claim accrues or arises against the Bank before the expiry of the said 12 months or an extension thereof, the same shall be enforceable against the Bank notwithstanding the fact the same is enforced after the said period of 12 months or any extension thereof.		Suggestion not accepted, As per Tender document
28	50	P	SERVERS (03 Nos.)	General clarification	a) We are assuming that these servers are for hosting proposed NMS solution in this bid. Please clarify, if these servers are being procured for any other purpose. b) Data Storage would be required to store logs and Server high availability. Please confirm that the same shall be provided by NIPER or bidder has to factor in their solution.		Only two servers will be used for networking purpose.
29	65	7	Annexure–IX	7. The Institute is registered with DSIR for duty free imports under duty exemption certificate and DSIR certificate will be provided, if required.	Our understanding from this clause is that, NIPER shall provide Custom duty exemption certificate and zero custom duty shall be payable on imported items. Please confirm if our understanding is correct.		It is clearly mentioned in tender document
30			Annexure–IX	General clarification	Govt. is planning to implement GST in near future so tax structure may change at the time of billing. We request you to add additional column in financial bid for taxes. Taxes should be paid as actuals at the time of billing.		As per Govt Norms

31				General clarification	We request NIPER to share a required design/diagram, possible routes for cabling, approx. cable distance between locations to understand the requirement.		Please do site survey
32				General clarification	Request you to provide retention period and size in MB/month, if NMS logs to be stored		Logs as per their capabilities
33				General clarification	Backup Solution is not asked in the tender. Please clarify if backup is required. If yes then request you to provide backup specifications/ retention policy and data size to be backed up daily/monthly.		Already there in Tender document.
34				General clarification	We are assuming that required safe hosting space, Power/electricity, and data centre ambient etc. would be provide by NIPER. Please confirm.		Yes ,provided by NPER
35				General clarification	would request NIPER to share a deployment architecture to be followed. As per best practices, there should be Core, Distribution and access switch. In specifications of access switches, 2 ports of 10G SFP+ for uplink to Core has been asked. However, Fibre Distribution switch doesn't have 10G ports. it has been asked with 24 ports of 1G Base X Fibre ports only. Please clarify the required architecture. Please provide the connectivity details of: a) Core to Access Switch - Connectivity type i.e. Fibre or UTP/STP and connection speed i.e. 1G or 10G. b) Core to Fibre Distribution Switch - Connectivity type i.e. Fibre and connection speed i.e. 1G or 10G. c)Fibre Distribution to Access Switch - Connectivity type i.e. Fibre and connection speed i.e. 1G or 10G. If all the access switches are going to connect on Core switches on 10G Ports then Core Switches should have sufficient number of ports. would your architecture require redundant connectivity from access switch to Distribution/Core Switch?		Please do site survey
36	37	C.14	ACCESS SWITCH 24 PORT	The Switch should be quoted with 5 years supplier / OEM 8X5 TAC support including new bug fix & patches and hardware replacement.	Support asked in this clause is 8x5( Monday - Friday). The same shall be provided during business hours only. Our understanding is that 8x5 support is sufficient for ACCESS SWITCH 24 PORT. Please confirm.		It is clearly mentioned in tender docuement
37	38	D.17	ACCESS SWITCH 24 PORT POE+	The Switch should be quoted with 5 years supplier / OEM 8X5 TAC support including new bug fix & patches and hardware replacement.	Support asked in this clause is 8x5( Monday - Friday). The same shall be provided during business hours only. Our understanding is that 8x5 support is sufficient for ACCESS SWITCH 24 PORT POE+. Please confirm.		It is clearly mentioned in tender docuement
38	40	E.17	ACCESS SWITCH 8 PORT POE+	The Switch should be quoted with 5 years supplier / OEM 8X5 TAC support including new bug fix & patches and hardware replacement.	Support asked in this clause is 8x5( Monday - Friday). The same shall be provided during business hours only. Our understanding is that 8x5 support is sufficient for ACCESS SWITCH 8 PORT POE+. Please confirm.		It is clearly mentioned in tender docuement

39	52	P1.p	SERVERS (03 Nos.)	5 years onsite warranty by OEM	Please clarify required support level/type i.e. 24x7 or 8x5 for servers from OEM/bidder. Does this support include Operating System as well?		Yes
40	52	P2.n	SERVERS (03 Nos.)	5 years onsite comprehensive warranty	Please clarify required support level/type i.e. 24x7 or 8x5 for servers from OEM/bidder. Does this support include Operating System as well?		Yes
41	34	A.6	Core Switch	Each Core Switch should have min 4 ports of 40G for Inter-connecting two Core switches WITH 40G QSFP+ WITH DAC CABLES or equivalent	Suggested to consider 4x40G/100G QSFP28 Port supporting 48x10G Access Port for better interSwitch throughput;		Suggestion not accepted, As per Tender document
42			Core Switch	Additional 2x100G Port for Switch Uplink	Requested to consider additional 2x40G/100G QSFP28 Switch Uplink Port	Additional 2x100G Port for Switch Uplink	Suggestion not accepted, As per Tender document
43	35	A.13	Core Switch	IOS should be full service image supporting all services and protocols from day 1.	Requested change "Switch should be full service image supporting all services and protocols from day 1."	IOS terminology is OEM Specific request to make it generic.	Please see the change as below : "Switch should be full service image supporting all services and protocols from day 1."
44	35	B.6	Distribution Switch	The Switch should support min 16K MAC addresses and min 4000 active VLANs.	Requested change "The Switch should support min 32K MAC addresses and min 4000 active VLANs."	MAC address Table is too low for the distribution/aggregation switch requirements, requested to change minimum 32k MAC address table	Suggestion not accepted, As per Tender document
45	36	B.11	Distribution Switch	The Access Switch should support basic Layer 3 features like static routing, RIPv1/v2 and VRRP from day 1.	The Access Switch should support basic Layer 3 features like static routing, RIPv1/v2, OSPF, BGP, MPLS and VRRP from day 1.	The switch should support full L3 feature set.	Suggestion not accepted, As per Tender document
46	37	C.12	ACCESS SWITCH 24 PORT	The Access Switch should support basic Layer 3 features like static routing, RIPv1/v2 and VRRP from day 1.	Requested change "The Access Switch should support basic Layer 3 features like static routing, RIPv1/v2 from day 1."	Request to remove VRRP protocol as switch hardware stacking asked in all switching layer, Stacking with LACP link aggregation shall provide aggregated port speed, link availability and resiliency.	Suggestion not accepted, As per Tender document
47	36	C.5	ACCESS SWITCH 24 PORT	Switch Should Have option for Redundant power Supply	Request to remove the clause as redundant AC power source may not be available in Access Layer.	Request to remove the clause	Suggestion not accepted, As per Tender document
48	37	D.5	ACCESS SWITCH 24 PORT POE+	Switch Should Have option for Redundant power Supply	Request to remove the clause as redundant AC power source may not be available in Access Layer.	Request to remove the clause	Suggestion not accepted, As per Tender document

49	37	D.11	ACCESS SWITCH 24 PORT POE+	The Access Switch should support basic Layer 3 features like static routing, RIPv1/v2 and VRRP from day 1.	Requested change "The Access Switch should support basic Layer 3 features like static routing, and RIPv1/v2 from day 1."	Request to remove VRRP protocol as switch hardware stacking asked in all switching layer, Stacking with LACP link aggregation shall provide aggregated port speed, link availability and resiliency.	Suggestion not accepted, As per Tender document
50		E.X	ACCESS SWITCH 8 PORT POE+	new	The Access Switch should support basic Layer 3 features like static routing, RIPv1/v2 and VRRP from day 1.	Should support similar software feature in all type of access switch.	Suggestion not accepted, As per Tender document
51	38	E.2	ACCESS SWITCH 8 PORT POE+	Switch should have additional 2 ports of 1G SFP with support for SX, LX, TX and Long Haul Transceivers for uplink purpose	Switch should have additional 2 ports of 1/10G SFP+ with support for SX, LX, TX, SR, LR and Long Haul Transceivers for uplink purpose	Should support similar uplink interface for easy integration and extended bandwidth support for WLAN Access Point	Suggestion not accepted, As per Tender document
52	43	K.8	ACCESS POINTS – OUTDOOR	Must support maximum power of 29dbm as limited by Wireless Planning & Commission (WPC)	Requested change "Must support maximum power of 28dbm as limited by Wireless Planning & Commission (WPC)"	Requested to change to 28dbm as limited by Wireless Planning & Commission (WPC)"	Suggestion not accepted, As per Tender document
53	44	L.8	ACCESS POINTS – INDOOR	Must support maximum 26dbm of transmit power as limited by Wireless Planning & Commission (WPC) rules for indoor AP'	Requested change "Must support maximum 23dbm of transmit power as limited by Wireless Planning & Commission (WPC) rules for indoor AP'	Requested to change to 23dbm as limited by Wireless Planning & Commission (WPC)"	Suggestion not accepted, As per Tender document
54	45	M.1	ACCESS POINT – INDOOR (RESIDENCE)	AP should have to support 2.4 GHz concurrent users with 802.11 b/g/n capability.	Requested change "AP should have to support 2.4 GHz concurrent users with 802.11 b/g/n/ac capability."	Request to incorporate 802.11ac standards	Suggestion not accepted, As per Tender document
55	46	M.5	ACCESS POINT – INDOOR (RESIDENCE)	AP should provide maximum of 26 dBm Transmit power for 2.4Ghz. (Maximum EIRP should be limited as per govt. regulation for indoor AP's)	AP should provide maximum of 21 dBm Transmit power for 2.4Ghz. (Maximum EIRP should be limited as per govt. regulation for indoor AP's)	Requested to change to 21dbm as limited by Wireless Planning & Commission (WPC)"	Suggestion not accepted, As per Tender document
56	46	M.9	ACCESS POINT – INDOOR (RESIDENCE)	Must support data rates upto 300 Mbps on 802.11b/g/n	Must support data rates upto 300 Mbps on 802.11b/g/n and		Suggestion not accepted, As per Tender document
57	46	M.16, L14, K15	ACCESS POINT – INDOOR (RESIDENCE)	Should Support PMKSA for Mobility.	Request to remove this clause, it is stopping us to participate in the tender		Suggestion accepted, Point Removed
58	48	O.1	Authentication, Authorization, and Accounting	Interfaces: Ethernet 1 GBE ports – Minimum 10 nos. , Configurable Internal/HA/WAN Ports, Console Port (RJ45)- Minimum 1 no., 1 GBE SPF Ports Minimum 4 Nos.	Requested change: "Interfaces: Ethernet 1 GBE ports – Minimum 10 nos. , Configurable Internal/HA/WAN Ports, Console Port (RJ45)- Minimum 1 no., 1 GBE SPF Ports Minimum 4 Nos. or as per the solution"	Request to allow bidder to propose required Interface type applicable for the AAA Solution	Suggestion not accepted, As per Tender document
59	48	O.2	Authentication, Authorization, and Accounting	System: Concurrent Session– Minimum35,00,000, Concurrent Users - 2000, Throughput of appliance-- minimum 500 Mbps	request to remove the "Throughput of appliance-- minimum 500 Mbps " as not relevant for the AAA solution	request to remove the "Throughput of appliance- - minimum 500 Mbps " as not relevant for the AAA solution	Suggestion not accepted, As per Tender document
<b>Sr No</b>	<b>Page No</b>	<b>Point No.</b>	<b>Subject</b>	<b>Clause</b>	<b>Clarification Sought</b>	<b>Remarks</b>	<b>Final Response to Bidders</b>

1	39	E.4	ACCESS SWITCH 8 PORT POE+	Should provide non-blocking switch fabric capacity of 20Gbps or more and forwarding throughput of 35 Mbps or more	64 bytes in size+ intre frame gap, so to fill a GE port in one direction you need $10^9/[(64+20.2)*8]=1484560$ packets per second. So a number $1.48 \times 8 = 11.84$ is equivalent to 8 GE ports filled with smallest frames bidirectional. This is per Standard calculation, therefore it is requested to please change this spec to use atleast 12MBPS.	Please decrease the forwarding rate to 12 Mbps as it is not per standard calculation.	Accepted : Please see the change as below : ""Should provide non-blocking switch fabric capacity of 20Gbps or more and forwarding throughput of 14.8 Mbps or more"
2	39	E.13	ACCESS SWITCH 8 PORT POE+	Switch should have SNMP, NTP and RMON	Please add NTP or Equavalant	Please add NTP/SNTP in clause	Suggestion not accepted, As per Tender doucment
3	44	k.44	Access Point - Outdoor	Access point should be IP 67/68 waterproof and should have flexibility in mounting at outdoor environment	An outdoor AP will never be submerged in the water, therefore it is requested to please alter it to IP 65.	Please alter this clause to IP 65	Suggestion not accepted, As per Tender doucment
4	44	K.66	Access Point - Outdoor	Must support 3X3 multiple input multiple output(MIMO)	In Outdoor AP's 3X3 MIMO is never used , therefore it is requested to alter it to 2X2 MIMO	Please alter this clause to 2X2 MIMO in plave of 3X3 MIMO	Suggestion not accepted, As per Tender doucment
5	47	M.4	Access Point Indoor (Residence)	AP should be able to power up using standards 802.3af POE input, and at the same time operate in full MIMO mode . It must have option to Power through 12 VDCpower Adaptor also	Please alter this spec to remove 12 VDC , i.e." AP should be able to power up using standards 802.3af POE input, and at the same time operate in full MIMO mode.It must have option to power through power adaptor also." Also, 12V power supply, is extreamly vendor specific and to the best of our knowledge only 1 vendor support 12V of power supply. following is the link from the said Vendor: <a href="http://www.cisco.com/c/en/us/products/wireless/wap321-wireless-n-selectable-band-access-point-single-point-setup/index.html">http://www.cisco.com/c/en/us/products/wireless/wap321-wireless-n-selectable-band-access-point-single-point-setup/index.html</a>	Please alter this spec to remove 12 VDC in this clause	Suggestion Accepted. Read as AP must be support 802.3af PoE and power adopter also
6	47	M.12	Access Point Indoor (Residence)	Should support the operating temp 0° to 40° C and Humidity: 0% to 95% noncondensing.	In a room temp/humidity, it is not possible to reach 95% humidity, therefore it is submitted that we alter this spec to start with 0% to 90%	Please alter this clause as per given jastification	Suggestion Accepted. Read as "Should support the Operation temp 0 dec to 40 Deg C and Humidity : 0% to 90%"
7	48	M.19	Access Point Indoor (Residence)	Should support syslog(local and remote)-store 1000 entries locally and forward log to remote log server.	Plz remove 1000, as all the logs are ideally collected in syslog server.	Please remove 1000 entries from specs	Suggestion not accepted, As per Tender doucment
8	49	O.2	Authentication, Authorization, and Accounting	System: Concurrent Session-- Minimum35,00,000, Concurrent Users - 2000, Throughput of appliance-- minimum 500 Mbps	This spec is extremely vendor specific, please see the following link for more details: <a href="https://www.cisco.com/c/dam/en/us/products/collateral/interfaces-modules/services-modules/at_a_glance_c45-652653.pdf">https://www.cisco.com/c/dam/en/us/products/collateral/interfaces-modules/services-modules/at_a_glance_c45-652653.pdf</a>	please remove the clause	
9	35	A.12	Core Switch	The Core Switches should support full Layer 3 features like PIM-DM, PIM-SM, RIPv1/v2, OSPF, BGP, VRRP and PBR from day 1.	PIM-DM is not an IETF standard. It was an "experimental" RFC as you can see in RFC 3973. PIM-SM was created specifically to overcome the issues with PIM-DM, which uses the flood and prune mechanism that lead to lot of link bandwidth wastage. Therefore it is requested to delete the same from the specs asked	Please make it like: the core switches should support full layer 3 features like PIM-SM,RIPv1/v2,OSPF,BGP ,VRRP and PBR from day 1	Accepted. Please read as "The Core Switches should support full Layer 3 features like PIM-DM/PM-SSM, PIM-SM, RIPv1/v2, OSPF, BGP, VRRP and PBR from day 1".

10	35	B.5	Distribution Switch	The switch should have min 2 ports of 10G SFP+ from day-1 for stacking	On a distribution layer, one should not use stacking. On a distribution layer, technologies like VRRP or MLAG is used for link resiliency. Therefore it is requested to change this spec to ... Please delete this clause "The Switch should have min 2 ports of from day-1 for stacking/dacking"	Please delete this clause	Suggestion not accepted, As per Tender document
11	37	B.8	Distribution Switch	The Switch should support 4 switches in the stack	Stacking Technology is primarily used on the Access Layer, and not the distribution layer. Therefore it is requested to delete this spec.	Please delete this clause	Suggestion not accepted, As per Tender document
12	37	C.5	Access Switch	Switch should have option for Redundant power supply	Power redundancy is not applicable to access layer switches, because stacking is use at access layer switches therefore it is requested to remove this spec.	Please delete this clause	Suggestion not accepted, As per Tender document
13	37	C.8	Access Switch	The access switch should support 4 switches in the stack	Stacking technology at access layer, ideally should support for atleast 8 stackable switches therefore it is requested to increase 8 switches in the stack	Please delete this clause	Suggestion not accepted, As per Tender document
14	37	C.10	Access Switch	The access switch should support min 16k MAC address and min 4000 active VLANS.	In a realistic environment no networks will ever used 4000 active VLANS, Request you to reduce it to 1000 VLANS . It is adiqute for any large size network.	Please change the number of active vlans in the spec to 1000	Suggestion not accepted, As per Tender document
15	38	C.12	Access Switch	The access Switch should support basic layer 3 feature like static routing, RIPv1/RIPv2 and VRRP from day 1	In a realistic network no access switch will run VRRP. VRRP is a technology used in the distribution or core lare of the network. Therefore it is requested to dlete VRRP in this spec.	Please remove VRRP from the access layer switch spec	Suggestion not accepted, As per Tender document
16	38	D.9	Access Switch POE+	The access switch should support min 16k MAC address and min 4000 active VLANS.	In a realistic environment no networks will ever used 4000 active VLANS, Request you to reduce it to 250 Active VLANS .	Request you to reduce it to 250 Active VLANS .	Suggestion not accepted, As per Tender document
17	38	D.11	Access Switch POE+	The accessswitch should support basic layer 3 features like static routing, RIPv1/v2 and VRRP from day 1	In a realistic network, no access switch will run VRRP. VRRP is a technology used in the distribution or core layer of the network. Therefore it is requested to delete VRRP in this spec.	Please remove VRRP from the access layer switch spec	Suggestion not accepted, As per Tender document
18	39	D.15	Access Switch POE+	Access switch should have 370w of POE power Budget	370W is not sufficient power budget for the 24 port POE+ switch, as POE+ required 30 W (approx) on per port. 24X30=720W, therefore please change the spec to used atleast 720W of power budget	please increase ther power budget to 720W minimum in the clause, as it is beneficial for your network to have all the port supporting 30W simultaneously	Suggestion not accepted, As per Tender document
<b>Sr No</b>	<b>Page No</b>	<b>Point No.</b>	<b>Subject</b>	<b>Clause</b>	<b>Clarification Sought</b>	<b>Remarks</b>	<b>Final Response to Bidders</b>
1	35	A.12	A	The Core Switches should support full Layer 3 features like PIM-DM, PIM-SM, RIPv1/v2, OSPF, BGP, VRRP and PBR from day 1.		Request to remove BGP support from day 1	Suggestion not accepted, As per Tender document
2	35			Switchn should have EAL/NDPP certification	Request to add this point		No new addition

3	37	C.11	C	The Switch should support full Layer 2 features like STP, RSTP, MSTP/PVST, LACP / IEEE 802.3ad , ACL, QoS and IGMPv1/v2/v3 from day 1.		Request to remove IGMPv1/v2/v3 support from day 1	Suggestion not accepted, As per Tender document
4	37	C.12	C	The Access Switch should support basic Layer 3 features like static routing, RIPv1/v2 and VRRP from day 1.		Request to remove VRRP support from day 1	Suggestion not accepted, As per Tender document
5	37	D.10	D	The access Switch should support full Layer 2 features like STP, RSTP, MSTP/PVST, LACP/IEEE802.3ad, ACL, QoS and IGMPv1/v2/v3 from day 1.		Request to remove IGMPv1/v2/v3 support from day 1	Suggestion not accepted, As per Tender document
6	37	D.11	D	The Access Switch should support basic Layer 3 features like static routing, RIPv1/v2 and VRRP from day 1.		Request to remove VRRP support from day 1	Suggestion not accepted, As per Tender document
7	37		C	Switch should have 1G DRAM and 1G Flash memory	Request to add this point	For Better performance	Suggestion not accepted, As per Tender document
8	38		D	Switch should have 1G DRAM and 1G Flash memory	Request to add this point	For Better performance	Suggestion not accepted, As per Tender document
9	38		E	Switch should have 1G DRAM and 1G Flash memory	Request to add this point	For Better performance	Suggestion not accepted, As per Tender document
10	36	C.5	C	Switch Should Have option for Redundant power Supply	Request to remove RPS from Access switch	Please remove the RPS from the access witches as this is not commnly available acrss all vendors.	Suggestion not accepted, As per Tender document
11	37	D.5	D	Switch Should Have option for Redundant power Supply	Request to remove RPS from Access switch	Please remove the RPS from the access witches as this is not commnly available acrss all vendors.	Suggestion not accepted, As per Tender document
12	47	N.1g	N	Should have Web Application Firewall	Request to remove this point	Specific to OEM	Suggestion accepted.
13	47	N.1h	N	Network: OSPF, Round Robin load balance, RIPv2, BGP, equal & unequal cost load balance, High Availability, QoS, etc. Round Robin Balance, Server Load Balancing.	Request to remove Round Robin load Balance and server Load Balancing	OEM Specific, Load balance is done with hash algorithm	Suggestion not accepted, As per Tender document
14	47	N.1j	N	ICSA certification and NSS recommendation for firewall	Request to change this to FCC Class A and RoHS 2 certified		Suggestion not accepted, As per Tender document
15	48	N.2f	N	Minimum 10 Gbps of VPN throughput.	Request to change this to 9 Gbps IMIX VPN throughput	IMIX is the right way to calculate the throughput as Smaller packet also be in the consideraton along with large Packets.	Suggestion not accepted, As per Tender document
16	48	N.2g	N	6 x 10/100/1000 interfaces along with 500GB built-in hard disk	Request to change this to 6 x 1G interfaces with 240GB 1+1 hard disk		Suggestion not accepted, As per Tender document
17	48	N.2h	N	Minimum one slot to support upgrade of 4 x10GE SFP or 4 x 1 Gb SFP in same box if required in future.	Request to change this to upgrade of 2x10GE SFP or 2 x 1 Gb SFP in same box if required in future.		Suggestion not accepted, As per Tender document

18	48	N.3	N	he proposed IPS should support different attacks like Mail Attack, FTP Attack, HTTP Attack, DNS Attack, ICPM Attack, TCP/IP Attack, DOS and DDOS Attack, TelNet Attack. Signatures: Default (3000+), Custom, IPS Policies: Multiple, Custom, User-based policy creation, Automatic real-time updates from Protect networks, Protocol Anomaly Detection. IPsec, L2TP, PPTP and SSL as a part of Basic Appliance	Request to remove L2TP	This is an absolute technology	Suggestion Accepted. The proposed IPS should support different attacks like Mail Attack, FTP Attack, HTTP Attack, DNS Attack, ICPM Attack, TCP/IP
19	48	N.4	N	Includes reports for Centralized management, Monitoring & Logging, Command line interface. Monitoring Gateways, Monitoring suspicious activity and alerts, Graphical real-time and historical monitoring, email notification of reports, viruses and attacks reports. IPS, Web filter, Antivirus, Anti-spam system reports. IP and User basis report, Compliance reports and 1200+ drilled down reports on the appliance. External logging appliance need to be quoted with support for 3Gb logs /day	Please clarify only monitoring or centralized management is also required.		Suggestion accepted. Includes reports for Monitoring & Logging, Command line interface. Monitoring Gateways, Monitoring suspicious activity and alerts, Graphical real-time and historical monitoring, email notification of reports, viruses and attacks reports. IPS, Web filter, Antivirus, Anti-spam system reports. IP and User basis report, Compliance reports and 1200+ drilled down reports on the appliance.
20				Switch OEM should be from Gartner data center networking magic quadrant or Gartner Wired and Wireless LAN Access Infrastructure for the year 2016 or latest	Request to add this point		No new addition
21	17	1.14	Payment terms I	40% payment of the ordered value shall be released after the receipt of material in good condition at the Institute premises after inspection in phase wise manner.	Payment should be released 70% against receipt of Goods , within 15 Days.	As Hardware payment not received increases the cost of overall Project	Suggestion not accepted, As per Tender document
22	18	1.14	11	40% of the ordered value shall be released after satisfactory installation/ commissioning and handover of the equipment in faultless working condition for period of 90 days from the date of satisfactory installation and submission of the test report	20 % Payment shall be released after installation within 30 Days . Further Satisfactory word is ambiguous , there can be Milestones for the same.	Kindly Amend the same so as to have a Fair Participation	Suggestion not accepted, As per Tender document
23	18	1.14	111	10% of the ordered value shall be released after submitting all the reports (cabling reports, network diagram, user manuals, etc.) As well as satisfactory training report from the NIPER staff.	Both The Points be merged & 10% Balance be release on submitting of Reports , Training of Staff , within Maximum 60 Days.	Kindly consider the same.	Suggestion not accepted, As per Tender document
24	18	1.14	IV	Balance 10% of the ordered value shall be released after 180 days after successful running of the Network.			Suggestion not accepted, As per Tender document

25	35	A.12	Core Switch	The Core Switches should support full Layer 3 features like PIM-DM, PIM-SM, RIPv1/v2, OSPF, BGP, VRRP and PBR from day 1.	PIM-DM is not an IETF standard. It was an "experimental" RFC as you can see in RFC 3973. PIM-SM was created specifically to overcome the issues with PIM-DM, which uses the flood and prune mechanism that lead to lot of link bandwidth wastage Therefore it is requested to delete the same from the specs asked	Please make it like :The Core Switches should support full Layer 3 features like PIM-SM, RIPv1/v2, OSPF, BGP, VRRP and PBR from day 1.	Accepted. Please read as "The Core Switches should support full Layer 3 features like PIM-DM/PM-SSM, PIM-SM, RIPv1/v2, OSPF, BGP, VRRP and PBR from day 1".
26	35	B.5	Distibution Switch	The Switch should have min 2 ports of 10G SFP+ from day-1 for stacking	On a distribution layer, one should not use stacking. On a distribution layer, technologies like VRRP or MLAG is used for link resillency . Therefore it is requested to to change this spec to .. Please delete this clause "The Switch should have min 2 ports of from day-1 for stacking/dacking"	Please delete this clause	Suggestion not accepted, As per Tender doucment
27	36	B.6	Distibution Switch	The Switch should provide Non-Blocking switch fabric capacity of 128 Gbps or more	128Gbps is not a sufficent switching fabric capacity for the network and this will create bottle necks in the network. It is strongly recommended that you INCREASE the specs to atleast 180 Gbps	Please increase the Switching Capacity in this clause	Suggestion not accepted, As per Tender doucment
28	37	B.8	Distibution Switch	The Switch should support 4 switches in the stack	Stacking technology is primarily used on the Access Layer, and not the distribution layer. Therefore it is requested to delete this spec	Please delete this clause	Suggestion not accepted, As per Tender doucment
29	37	B.9	Distibution Switch	The Switch should support min 16K MAC addresses and min 4000 active VLANs.	16K MAC addresses is not a sufficent for the today's networks as and this will cause ARP PROCESS (arpd) of the switch to increase, and thereby decreasing the overall performance of the switch. It is strongly recommended that you INCREASE the specs to atleast 32K MAC Addresses	Please increase the MAC Address to 32K in this spec.	Suggestion not accepted, As per Tender doucment
30	37	C.5	Access Switch	Switch Should Have option for Redundant power Supply	Power redundancy is not applicable to Access Layer Switches,because stacking is use at access layer switches therefore it is requested to remove this spec.	Please delete this clause	Suggestion not accepted, As per Tender doucment
31	37	C.8	Access Switch	The Access Switch should support 4 switches in the stack	Stacking technology at Access Layer, ideally should support for atleast 8 stackable switches, therefore it is requested to increase 8 switches in the stack	Please alter this clause	Suggestion not accepted, As per Tender doucment
32	37	C.10	Access Switch	The Access Switch should support min 16K MAC addresses and min 4000 active VLANs.	In a realistic environment no networks will ever used 4000 active VLANs therefore humbly submitted the spec to relax the 1000 VLANs.it is adequate for the network	Please alter this clause	Suggestion not accepted, As per Tender doucment
33	38	C.12	Access Switch	The Access Switch should support basic Layer 3 features like static routing, RIPv1/v2 and VRRP from day 1.	In a realistic network, no access switch will run VRRP. VRRP is a technology used in the distribution or core layer of the network. Therefore it is requested to delete VRRP in this spec.	Please remove VRRP from the Access Layer Switch spec	Suggestion not accepted, As per Tender doucment
34	38	D.5	Access Switch POE+	Switch Should Have option for Redundant power Supply	Power redundancy is not applicable to Access Layer Switches,because stacking is use at access layer switches therefore it is requested to remove this spec.	Please delete this clause	Suggestion not accepted, As per Tender doucment
35	38	D.8	Access Switch POE+	The Access Switch should support 4 switches in the stack	Stacking technology at Access Layer, ideally should support for atleast 8 stackable switches, therefore it is requested to increase 8 switches in the stack	Please alter this clause	Suggestion not accepted, As per Tender doucment

36	38	D.9	Access Switch POE+	The Access Switch should support min 16K MAC addresses and min 4000 active VLANs.	In a realistic network, no access switch can have 4000 Active Vlans, therefore it si requested to change this spec to 250 Active Vlans.	Please change the number of Active Vlans in the spec.	Life of product is more so no changes
37	38	D.11	Access Switch POE+	The Access Switch should support basic Layer 3 features like static routing,RIPv1/v2 and VRRP from day 1.	In a realistic network, no access switch will run VRRP. VRRP is a technology used in the distribution or core layer of the network. Therefore it is requested to delete VRRP in this spec.	Please remove VRRP from the Access Layer Switch.	Suggestion not accepted, As per Tender doucment
38	39	D.15	Access Switch POE+	Access switch should have 370W of POE Power Budget	370W is not sufficient power budget for the 24 port POE+ switch, as POE+ required 30W (approx) on per port. 24x30=720W, therefore please change the spec to use atleast 720W of power Budget	Please increase the Power Budget in the clause, as it is not sufficient.	Suggestion not accepted, As per Tender doucment
39	39	E.4	ACCESS SWITCH 8 PORT POE+	Should provide Non-Blocking switch fabric capacity of 20 Gbps or more and forwarding throughput of 35 Mpps or more	64 bytes in size+ inter frame gap, so to fill a GE port in one direction you need $10^9 / [(64+20.2)*8] = 1484560$ packets per second. So a number $1.48 \times 8 = 11.84$ is equivalent to 8 GE ports filled with smallest frames bidirectional. This is per STANDARD calculation, therefore it is requested to please change this spec to use atleast 12Mpps.	Please decrease the Mpps as it is not per STANDARD CALCULATION.	Accepted. Rewrite as"Should provide non-blocking switch fabric capacity of 20Gbps or more and forwarding throughput of 14.8 Mbps or more
40	39	E.13	ACCESS SWITCH 8 PORT POE+	Switch should have SNMP , NTP and RMON	Please add NTP or Equavalant	Please add NTP/SNTP in clause	Suggestion not accepted
41	44	K.4	ACCESS POINTS – OUTDOOR	Access Point Should be IP 67/68 waterproof and should have flexibility in mounting at outdoor environment	An outdoor AP will never be submerged in the water, therefore it is requested to please alter it to IP 65.	Please alter this clause to IP 65	Suggestion not accepted, As per Tender doucment
42	44	K.6	ACCESS POINTS – OUTDOOR	Must support 3x3 MIMO	In Outdoor AP's 3x3 MIMO is never used, therefore it is requested to alter it to 2x2 MIMO	please alter this clause to 2x2 MIMO place of 3x3 MIMO	Suggestion not accepted, As per Tender doucment
43	47	M.4	ACCESS POINT – INDOOR (RESIDENCE)	AP should be able to power up using standards 802.3af POE input, and at the same time operate in full MIMO mode. It must have option to power through 12 VDCpower Adaptor also.	Please alter this spec to remove 12 VDC, i.e.. "AP should be able to power up using standards 802.3af POE input, and at the same time operate in full MIMO mode. It must have option to power through power Adaptor also."  Also, 12V Power supply, is extremely vendor specific and to the best of our knowledge only 1 vendor supports 12V of power supply. Following is the link from the said Vendor:  <a href="http://www.cisco.com/c/en/us/products/wireless/wap321-wireless-n-selectable-band-access-point-single-point-setup/index.html">http://www.cisco.com/c/en/us/products/wireless/wap321-wireless-n-selectable-band-access-point-single-point-setup/index.html</a>	Please alter this spec to remove 12 VDC in this clause	Suggestion Accepted. Read as AP must be support 802.3af PoE and power adopter also
44	47	M.12	ACCESS POINT – INDOOR (RESIDENCE)	Should support the operating temp 0° to 40° C and Humidity: 0% to 95% noncondensing.	In a room temp/humidity, it is not possible to reach 95% humidity, therefore its is submitted that we alter this spec to start with 0% to 90%	please alter this clause as per given justification	Suggestion Accepted. Read as "Should support the Operation temp 0 dec to 40 Deg C and Humidity : 0% to 90%"
45	48	M.19	ACCESS POINT – INDOOR (RESIDENCE)	Should support syslog (local and remote) - store 1000 entries locally and forward log to remote log server.	Pls remove 1000, as all the logs are ideally collected in Syslog server.	Please remove 1000 entries from specs	Suggestion not accepted, As per Tender doucment

46	49	O.1	Authentication, Authorization, and Accounting	Interfaces: Ethernet 1 GBE ports – Minimum 10 nos. , Configurable Internal/HA/WAN Ports, Console Port (RJ45)- Minimum 1 no., 1 GBE SPF Ports Minimum 4 Nos.	Inspira to provide the Server for IDE 9.3		Suggestion not accepted, As per Tender document
47	49	O.2	Authentication, Authorization, and Accounting	System: Concurrent Session– Minimum 35,00,000, Concurrent Users –2000, Throughput of appliance-- minimum 500 Mbps	This spec is extremely vendor specific, please see the following link for more details: <a href="http://www.cisco.com/c/dam/en/us/products/collateral/interfaces-modules/services-modules/at_a_glance_c45-652653.pdf">http://www.cisco.com/c/dam/en/us/products/collateral/interfaces-modules/services-modules/at_a_glance_c45-652653.pdf</a>	please remove	Suggestion not accepted, As per Tender document
Sr No	Page No	Point No.	Subject	Clause	Clarification Sought	Remarks	Final Response to Bidders
1	5 of 70	A	A	Cost of Tender Document	Kindly confirm that NSIC registered MSME shall be exempted from payment of tender cost as per govt. guidelines.		As per tender document
2	11 of 70	1.2	1.2	Earnest Money Deposit(EMD)	Kindly confirm that NSIC registered MSME shall be exempted from payment of EMD as per government guidelines.		As per tender document
3	8 of 70	K	1.1	Pre-Qualification Criteria	Kindly confirm that orders completed for wireless systems shall be also qualified.		As per tender document
4	16 of 70	II	1.14	Payment Terms	we request to accept release of 40% payment on completion of installation against monthly RA Bills.		Suggestion not accepted, As per Tender document
		IV			Please confirm that 10% payment shall be released immediately after commissioning against submission of performance bank guarantee		Suggestion not accepted, As per Tender document
5	8 of 70	i	1.1	Pre-Qualification Criteria	Kindly confirm that rented premises will be considered as owned. Also let us know the documents to be submitted as documentary proof.		Rented premises is Ok. Must provide the document for support facilities as per tender document.
6	45 of 70	L.3	L	Access Point- Indoor	A.Kindly confirm that access point should be working on 2.4 Ghz and 5.825 Ghz under the unlicensed band B.if AP should be working of 5 Ghz, WPC frequency allocation shall be obtained by your good selves. C. Further please confirm that bidder should process DPL license issued by WPC as per government norms.		Suggestion not accepted, As per Tender document
7				Completion Period	Kindly let us know the completion period		As per Tender document
8				Row Charges	Please confirm that ROW and applicable charges towards it shall be obtained and paid by your good selves.		Refer Tender document
Sr No	Page No	Point No.	Subject	Clause	Clarification Sought	Remarks	Final Response to Bidders

1	41	J.8	Wireless Controller	Controller AP should be able to scan for rogue access points and Software controller/hardware controller/cloud controller should be able to locate them on a Floor map and be able to send a notification to the administrator when a rogue AP has been detected.	Request you to allow same or separate device/software to achieve Floor map and rogue AP reporting on Email.		Suggestion not accepted, As per Tender document
2	42	J.17	Wireless Controller	Device should support Rapid Spanning tree, CoS based on 802.1p priority, physical port, DHCP and 802.1X port based Access control.	Since WLC are supposed to be Layer 3 devices, hence RSTP is not an essential feature. Request to remove RSTP from the clause		Suggestion accepted .Remove "Rapid Spanning tree"
3	42	J.18	Wireless Controller	Device must have the of port security, Storm Control and port Isolation.	The features mentioned in the clause are switch-specific features and hence, are not needed on the WLC. Request to kindly remove this clause		Suggestion accepted . Controller should be option for SSID isolation
4	45	L.16	Access Points-Indoor	Must support Controller-based and standalone (autonomous) deployments	Since this is a centrally controlled Wireless network architecture, request to relax the clause to "Should be managed by Controller or Standalone or Cloud controlled if required		Suggestion not accepted, As per Tender document
5	46	M.6	Access Points-Indoor (Residence)	AP should have -96 dB or better Receiver Sensitivity.	Request to relax the clause to support -90 dBm		Suggestion accepted .AP should have -90 dB or better Receiver
6	46	M.17	Access Points-Indoor (Residence)	Should be managed by Controller or standalone if required.	Since this is a centrally controlled Wireless network architecture, request to relax the clause to "Should be managed by Controller or Standalone or Cloud controlled if required		Suggestion not accepted, As per Tender document
7	43	K.17	Access Points - Outdoor	Must support Controller-based and standalone (autonomous) deployments	Since this is a centrally controlled Wireless network architecture, request to relax the clause to "Should be managed by Controller or Standalone or Cloud controlled if required		Suggestion not accepted, As per Tender document
8	47	N.2.b	UTM	Minimum 8 Gbps of NGFW Throughput	It is suggested to requested that NGFW throughput should be asked for Mix / production traffic. Ideal condition throughputs are tested with minimal signatures hence will not suffice the requirement. Request to modify the clause to "Minimum 8 Gbps of NGFW throughput for mix / production throughput"		Suggestion not accepted, As per Tender document . This is minimum performance number, vendor can give better than this.

9	47	N.2.c	UTM	Minimum 10,000,000 Concurrent sessions	Today there are many applications which keep running on PCs / Servers / Laptops and which try to connect to internet for various downloads like windows updates / antivirus updates and other online applications. These application keeps opening sessions automatically. The firewall should not become a bottleneck in case of a virus or trojan generating huge nos of connections. To ensure that the firewall is capable of handling such traffic scenarios it is important that firewall is capable of handling very high concurrent sessions and new sessions per second. It is suggested that the Firewall should support 20,000,000 cocurrent sessions		Suggestion not accepted, As per Tender doucment . This is minimum performance number, vendor can give better than this.
10	48	N.2.d	UTM	Minimum 9 Gbps of IPS throughput	It is suggested to requested that IPS throughput should be asked for Mix / production traffic. Ideal condition throughputs are tested with minimal signatures hence will not suffice the requirement. Request to modify the clause to "Minimum 9 Gbps of IPS throughput for mix / production throughput"		Suggestion not accepted, As per Tender doucment . This is minimum performance number, vendor can give better than this.
11	48	N.2.e	UTM	Minimum 1,75,000 New Sessions/second	Today there are many applications which keep running on PCs / Servers / Laptops and which try to connect to internet for various downloads like windows updates / antivirus updates and other online applications. These application keeps opening sessions automatically. The firewall should not become a bottleneck in case of a virus or trojan generating huge nos of connections. To ensure that the firewall is capable of handling such traffic scenarios it is important that firewall is capable of handling very high concurrent sessions and new sessions per second. It is suggested that the Firewall should support 400,000 new sessions per second		Suggestion not accepted, As per Tender doucment . This is minimum performance number, vendor can give better than this.
12	48	N.2.g	UTM	6 x 10/100/1000 interfaces along with 500GB built-in hard disk	Request to please reduce to 200 GB in order to allow leading Security OEMs to participate or can ask for External logging appliance which higher capacity		Suggestion not accepted, As per Tender doucment .
13	48	N.2.h	UTM	Minimum one slot to support upgrade of 4x10GE SFP or 4 x 1 Gb SFP in same box if required in future	Request to please remove the word 'slot' as it debars leading OEMs to participate. It is suggested to modify the clause to 'Minimum 4 x 10GE SFP+ SR ports from day one and scalable to 2 x10G SFP+ SR additional ports in future		Suggestion not accepted, As per Tender doucment.

14	48	N.4	UTM	Includes reports for Centralized management, Monitoring & Logging, Command line interface. Monitoring Gateways, Monitoring suspicious activity and alerts, Graphical real-time and historical monitoring, email notification of reports, viruses and attacks reports. IPS, Web filter, Antivirus, Anti-spam system reports. IP and User basis report, Compliance reports and 1200+ drilled down reports on the appliance. External logging appliance need to be quoted with support for 3Gb logs /day	Request to reduce the number to 300+ charts / reports to allow other leading OEMs to participate. It is suggested to increase the Gb/day logs capacity to minimum 30 Gb/day as after enabling complete UTM, all urls, firewall policies and IPS / antivirus logs may exceed the 3Gb/day capacity		Suggestion accepted. Includes reports for Monitoring & Logging, Command line interface. Monitoring Gateways, Monitoring suspicious activity and alerts, Graphical real-time and historical monitoring, email notification of reports, viruses and attacks reports. IPS, Web filter, Antivirus, Anti-spam system reports. IP and User basis report, Compliance reports and 1200+ drilled down reports on the appliance.
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