Sr.	Clause No.	Page No.	RFP Section & Clause	Query	Justification for query (if any)	MSEDCL Response
1	4	84	LAN Interface - Minimum 2X1000 Base T RJ 45 1 USB port	Request you to keep the 1 x 1000 Base T port		No Change, as mentioned in RFP.
2	10	84	Mounting Option AC-Enterprise Grade Ceiling and wall mount	What does Enterprise Grade Ceiling and wall mount stands for. Generally all mounting kits are durable to handle Aps Weight.		No Change, as mentioned in RFP.
3	1	86	Architecture-WLAN Controller must support minimum 5000 clients	5000 clients means the end user connected to Aps? Please clarify		Yes. No change in RFP.
4			BYOD License Qty	BYOD -how many BYOD license will be required. Its based on devices.		BYOD is the part of 5000 Clients of WAN Controller
5	1	88	Switch Architecture and Performance - Switch should have 24X10/100/1000Base-T autosensing ports complying to IEEE 802.3, IEEE 802.3u and 802.3ab standard, supporting half duplex mode, full duplex mode and auto negotiation on each port with 2 x 10 Gig SFP+ uplink ports (transceivers included)	which type of 10G sfp is needed-Multimode/Singlemode distance reqiured?		No Change, as Mentioned in RFP Bidder may visit the site and provide the sfp accordingly.
6	1	89	Switch Architecture-The Switch should have at least 24 10G SFP+ ports (loaded with required transceivers) and 24 Ports Gig Ethernet Port	The Core switch should have 10G ports only and 1Gig Port should be separate from core switch. Kindly keep these two requirment separate switches.		No Change, as mentioned in RFP.
7	4	89	Switch Architecture-The Switch should have at least 8 GB of DRAM.	This is OEM specific. RAM requirement depends on oem to oem some oem has less RAM and have better performance.		No Change, as mentioned in RFP.
8	5	89	The Switch should have redundant field replaceable fans and incase of failure of any one of those the other fans should automatically speed up.	This is OEM Specific feature. Please remove the clause as in case of fan redundancy if any fan fails the other fails have capability to handle the switch till the time fan get replaced.		Please refer Corrigendum & revised RFP.
9	Annexure 14 Section II Wireless controller point 6	87	WLAN Controller should detect if a user try to create tethering to connect other devices and internet sharing	Request to relax this clause With BYOD being implemented where every device is given access to network but with proper policy and access restriction this feature is not required.		No Change, as mentioned in RFP.
10	POE swtich	88	Switch should have non-blocking wire-speed architecture. Should support IPv4 and should have non-blocking switching fabric of minimum 128 Gbps or more and should have Forwarding rate of minimum 190 Mpps.	Aksed througput is not possible in Non Blocking Archicture it must be around 90 MPPS Aksed througput is not possible in Non Blocking Archicture it must be around 90 MPPS		No Change, as mentioned in RFP.
11	Core Switch	89	The Switch should have at least 8 GB of DRAM.	Request to make it 4 GB of RAM 4 GB RAM is more than sufficient for processing the packets		No Change, as mentioned in RFP.
12	Core Switch	90	Should support Advanced IP unicast routing protocols (Open Shortest Path First [OSPF], Border Gateway Protocol Version 4 [BGPv4], and Intermediate System-to-Intermediate System Version 4 [IS-ISv4])	Request to relax the IS-IS clause Request to relax the IS-IS clause to make it a equal opportunity bid		No Change, as mentioned in RFP.
13	Core Switch	91	The switch should support Multi domain authentication	Is it multi factor authentication? request more clarification on this.		It is not a Multi Factor authentication. No Change, as mentioned in RFP
14	Core Switch	91	The switch should support IP SLA feature set to verify services guarantee based on business critical IP Applications	Hence request to relax this cluase this is router level /WAN gateway level solution.		No Change, as mentioned in RFP.
15	Page No. 13	1.6.2 Bidder Qualification Criteria, Point No. iii	The Bidder should have executed minimum 3 projects of wireless LAN each of order value not less than Rs. 25 lakhs with minimum 100 Access points in the last 3 years financial Years.	The Bidder should have executed minimum 1 projects of wireless LAN with order value not less than Rs. 50 lakhs with minimum 150 Access points in the last 3 years financial Years		Please refer Corrigendum & revised RFP.
16	13	1.6.2 Bidder Qualification Criteria	The Bidder should have executed minimum 3 projects of wireless LAN each of order value not less than Rs. 25 lakhs with minimum 100 Access points in the last 3 years financial Years.	we request to you kindly change the clause as " The Bidder should have executed minimum 3 projects of wireless LAN each of order value not less than Rs. 25 lakhs with one purchase order having minimum 200 Access points and two purchase order having minimum 50 Access points in the last 3 years financial Years."		Please refer Corrigendum & revised RFP.
17	18	Section-III Instructions to Bidder Tender Fee and Earnest Money / Bid Security Deposit	Tender fee :- 5900/- EMD:- 193000	we registered under Single Point Registration Scheme of NSIC are eligible to get the benefits under "Public Procurement Policy for Micro & Small Enterprises (MSEs) Order 2012" as notified by the Government of India, Ministry of Micro Small & Medium Enterprises, New Delhi vide Gazette Notification dated 23.03.2012. as per above clause we are exemted from EMD. so reuest to you kindly allow MAME,NSIC certificate.		You may apply for it through etender portal as per instructions mentioned therein
18	86	Annexure 14: Detail Technical Specification , II. Wireless Controller	Must support 1:1 or N+1 redundancy models including all license and switchover between active standby controller within second time frame	request to add: sub-second failover instead of second time frame. Revised clause:"Must support 1:1 or N+1 redundancy models including all license and switchover between active standby controller within **sub second** time frame"	The WLC should support sub-second failover ensuring the AP does not have to re-associate with the secondary controller once the primary WLC goes down.	No Change ,As Mentioned in RFP
19	96	Annexure 14: Detail Technical Specification. VI USB Wireless Adaptor	Feature-Wireless: Support 64/128 bit WEP, WPA-PSK/WPA2-PSK,802.1x	Request to remove 64/129 bit WEP point	WEP is a obsolete standard hence suggest to remove the clause	Refer Revised Clause
20	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	should be able to integrate with external SMS Gateway solution for OTP	Request to remove the clause	SMS gateway integration with WLC provides a very limited set of features, Hence suggest to remove the clause	No Change ,As Mentioned in RFP
21	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	WLAN Controller must support minimum 500 access points without any hardware change	Request to modify the clause as "WLAN Controller must support minimum 1500 access points without any hardware change"	support for additional access point is an advantage from scalability perspective. From a cost perspective there is no change. Also, it is expected/assumed that this controller will be the WLC for all other offices over WAN for wifi users at MSEDCL	No Change ,As Mentioned in RFP
22	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	New Addtion	The WLC should support Stateful Access Point Fail-over with state information maintained between active and Standby controller	Suggest to add the point mentioned. All major OEMs support this. This will preserve the state of information between AP & controller while switching from primary to standy/secondary WLC.	No Change ,As Mentioned in RFP
23	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	New Addtion	Access point must download the firmware upgrade from the hardware controller itself and should run same image as on WLC	Suggest to add the point mentioned for better maintenance/management, control and troubleshooting. All OEMs support this.	No Change ,As Mentioned in RFP
24	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	New Addtion	All the proposed Access point must be configured and managed by the supplied hardware WLC	Suggest to add the point mentioned. All major OEMs support this.	No Change ,As Mentioned in RFP
25	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	New Addtion	WLC should detect if a user try to impersonate a management frame.	Suggest to add the point mentioned. All major OEMs support this. this is very importnant security feature.	No Change ,As Mentioned in RFP
26	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	WLAN Controller should detect if a user try to create tethering to connect other devices and internet sharing	Request to modify the clause as "WLC should detect and take appropriate containment action if a smartphone user using tethering to connect other device."	Existing point in RFP is not clear, hence suggest to modify the clause	No Change ,As Mentioned in RFP
27	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	WLAN Controller should detect if a user try to create tethering to connect other devices and internet sharing	Request to modify the clause as "WLC should detect if a user trying to do internet sharing through a valid system to an unauthorized device."	Existing point in RFP is not clear, hence suggest to modify the clause	No Change ,As Mentioned in RFP

28	84	Annexure 14: Detail Technical Specification , I. Access Points	Maximum Throughput Radio 1- 300 Mbps Radio 2-1700 Mbps	Change the throughput per radio to "Maximum Aggregated Throughput" as 2Gbps	Instead of mentioning Maximum Throughput per radio requesting to change to "Maximum Aggregated Throughput" as 2Gbps	Refer Revised Clause
29	84	Annexure 14: Detail Technical Specification , I. Access Points	Number of Antennas8 Internal high density Antennas	Change the clause as "Number of Antennas 7 Internal omnidirectional"	For Wider OEM participation suggest to change the clause as mentioned	Refer Revised Clause
30	84	Annexure 14: Detail Technical Specification , I. Access Points	New Addtion	RJ45/Usb based console port for Local troubleshooting	Suggest to add the point mentioned. This would help is local troubleshooting of Access Point.	No Change ,As Mentioned in RFP
31	84	OEM Criteria	OEM Must be present in Latest Gartner Magic Quadrant	OEM for wireless, switching and NAC Must be present in Latest Gartner Magic Quadrant under 'leaders or challengers quadrant' for the last 3 years in the gartner report	The gartner report and it's magic quadrant is very wide & open. This will lead to unfair competition between high quality premium OEMs and low cost OEMs. None of the top OEMs will have a chance to fight. The focus of MSEDCL should be on deploying the best of breed solutions	No Change ,As Mentioned in RFP
32	84	OEM Criteria	Access Points, POE Switches, Wireless Controller should be from same OEM	Access Points, POE Switches, Wireless Controller and NAC should be from same OEM	NAC is also an integral part of solution for wireless security. Hence it should be from the same OEM for enhanced management and integration.	No Change ,As Mentioned in RFP
33	88	Annexure 14: Detail Technical Specification , III. POE Switch	New Addtion	The switch should support stacking with dedicated stacking ports with minimum stack throughput of 80Gbps as and when required in future	Stacking is an important High Availability fucntionality. It will also prove to be an optimal design where each floor will have a stack of access switches and each stack will have dual 10G uplinks to the core switch. Request you to please add the same	No Change ,As Mentioned in RFP
34	89	Annexure 14: Detail Technical Specification , IV. Core Switch	The Switch should have at least 24 10G SFP+ ports (loaded with required transceivers) and 24 Ports Gig Ethernet Port	The core switch will only require 1/10G SFP+ based ports which will be used for uplink for access switch/access switch stack. It is not recommended to connect servers directly to the core switch. If 1G Base-T ports are required then it is recommended to have a separate 24 port 1G based switch. Please modify the clause as "The Switch should have at least 24 10G SFP+ ports (loaded with required transceivers)"	The core switch will only require 1/10G SFP+ based ports which will be used for uplink for access switch/access switch stack. It is not recommended to connect servers directly to the core switch. If 1G Base-T ports are required then it is recommended to have a separate 24 port 1G based switch.	No Change ,As Mentioned in RFP
35	90	Annexure 14: Detail Technical Specification , IV. Core Switch	Should support stacking	The switch should support stacking with dedicated stacking ports with minimum stack throughput of 240Gbps from day 1	Stacking is an important High Availability fucntionality. The two core switches will be stacked together for HA. It is important to specify the stack throughput of the switch.	No Change ,As Mentioned in RFP
36	97	Annexure 14: Detail Technical Specification , VII. Windows Server	2.3 GHZ on 8 core	2.3 GHZ is not provided instead we will give 3.2 GHZ		No Change ,As Mentioned in RFP
37	86	Annexure 14: Detail Technical Specification , II. Wireless Controller	Must support 1:1 or N+1 redundancy models including all license and switchover between active standby controller within second time frame	request to add: sub-second failover instead of second time frame. Revised clause:"Must support 1:1 or N+1 redundancy models including all license and switchover between active standby controller within **sub second** time frame"	The WLC should support sub-second failover ensuring the AP does not have to re-associate with the secondary controller once the primary WLC goes down.	No Change ,As Mentioned in RFP
38	96	Annexure 14: Detail Technical Specification. VI USB Wireless Adaptor	Feature-Wireless: Support 64/128 bit WEP, WPA-PSK/WPA2-PSK,802.1x	Request to remove 64/129 bit WEP point	WEP is a obsolete standard hence suggest to remove the clause	Refer Revised Clause
39	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	should be able to integrate with external SMS Gateway solution for OTP	Request to remove the clause	SMS gateway integration with WLC provides a very limited set of features, Hence suggest to remove the clause	No Change ,As Mentioned in RFP
40	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	WLAN Controller must support minimum 500 access points without any hardware change	Request to modify the clause as "WLAN Controller must support minimum 1500 access points without any hardware change"	support for additional access point is an advantage from scalability perspective. From a cost perspective there is no change. Also, it is expected/assumed that this controller will be the WLC for all other offices over WAN for wifi users at MSEDCL	No Change ,As Mentioned in RFP
41	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	New Addtion	The WLC should support Stateful Access Point Fail-over with state information maintained between active and Standby controller	Suggest to add the point mentioned. All major OEMs support this. This will preserve the state of information between AP & controller while switching from primary to standy/secondary WLC.	No Change ,As Mentioned in RFP
42	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	New Addtion	Access point must download the firmware upgrade from the hardware controller itself and should run same image as on WLC	Suggest to add the point mentioned for better maintenance/management, control and troubleshooting. All OEMs support this.	No Change ,As Mentioned in RFP
43	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	New Addtion	All the proposed Access point must be configured and managed by the supplied hardware WLC	Suggest to add the point mentioned. All major OEMs support this.	No Change ,As Mentioned in RFP
44	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	New Addtion	WLC should detect if a user try to impersonate a management frame.	Suggest to add the point mentioned. All major OEMs support this. this is very importnant security feature.	No Change ,As Mentioned in RFP
45	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	WLAN Controller should detect if a user try to create tethering to connect other devices and internet sharing	Request to modify the clause as "WLC should detect and take appropriate containment action if a smartphone user using tethering to connect other device."	Existing point in RFP is not clear, hence suggest to modify the clause	No Change ,As Mentioned in RFP
46	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	WLAN Controller should detect if a user try to create tethering to connect other devices and internet sharing	Request to modify the clause as "WLC should detect if a user trying to do internet sharing through a valid system to an unauthorized device."	Existing point in RFP is not clear, hence suggest to modify the clause	No Change ,As Mentioned in RFP
47	84	Annexure 14: Detail Technical Specification , I. Access Points	Maximum Throughput Radio 1- 300 Mbps Radio 2-1700 Mbps	Change the throughput per radio to "Maximum Aggregated Throughput" as 2Gbps	Instead of mentioning Maximum Throughput per radio requesting to change to "Maximum Aggregated Throughput" as 2Gbps	Refer Revised Clause
48	84	Annexure 14: Detail Technical Specification , I. Access Points	Number of Antennas8 Internal high density Antennas	Change the clause as "Number of Antennas 7 Internal omnidirectional"	For Wider OEM participation suggest to change the clause as mentioned	Refer Revised Clause
49	84	Annexure 14: Detail Technical Specification , I. Access Points	New Addtion	RJ45/Usb based console port for Local troubleshooting	Suggest to add the point mentioned. This would help is local troubleshooting of Access Point.	No Change ,As Mentioned in RFP
50	84	OEM Criteria	OEM Must be present in Latest Gartner Magic Quadrant	OEM for wireless, switching and NAC Must be present in Latest Gartner Magic Quadrant under 'leaders or challengers quadrant' for the last 3 years in the gartner report	The gartner report and it's magic quadrant is very wide & open. This will lead to unfair competition between high quality premium OEMs and low cost OEMs. None of the top OEMs will have a chance to fight. The focus of MSEDCL should be on deploying the best of breed solutions	No Change ,As Mentioned in RFP
51	84	OEM Criteria	Access Points, POE Switches, Wireless Controller should be from same OEM	Access Points, POE Switches, Wireless Controller and NAC should be from same OEM	NAC is also an integral part of solution for wireless security. Hence it should be from the same OEM for enhanced management and integration.	No Change ,As Mentioned in RFP
52	88	Annexure 14: Detail Technical Specification , III. POE Switch	New Addtion	The switch should support stacking with dedicated stacking ports with minimum stack throughput of 80Gbps as and when required in future	Stacking is an important High Availability fucntionality. It will also prove to be an optimal design where each floor will have a stack of access switches and each stack will have dual 10G uplinks to the core switch. Request you to please add the same	No Change ,As Mentioned in RFP
53	89	Annexure 14: Detail Technical Specification , IV. Core Switch	The Switch should have at least 24 10G SFP+ ports (loaded with required transceivers) and 24 Ports Gig Ethernet Port	The core switch will only require 1/10G SFP+ based ports which will be used for uplink for access switch/access switch stack. It is not recommended to connect servers directly to the core switch. If 1G Base-T ports are required then it is recommended to have a separate 24 port 1G based switch. Please modify the clause as "The Switch should have at least 24 10G SFP+ ports (loaded with required transceivers)"	The core switch will only require 1/10G SFP+ based ports which will be used for uplink for access switch/access switch stack. It is not recommended to connect servers directly to the core switch. If 1G Base-T ports are required then it is recommended to have a separate 24 port 1G based switch.	No Change ,As Mentioned in RFP
54	90	Annexure 14: Detail Technical Specification , IV. Core Switch	Should support stacking	The switch should support stacking with dedicated stacking ports with minimum stack throughput of 240Gbps from day 1	Stacking is an important High Availability fucntionality. The two core switches will be stacked together for HA. It is important to specify the stack throughput of the switch.	No Change ,As Mentioned in RFP
55	vii	**page 2 of Bid notice**	**Qualification Requirements:**	**We have ISO 9001:2008 certificate which is issued on 2nd April 2015 and valid till 1st April 2018, Latest one is in process, so please accept this certificate as we are ISO certified.**		Please refer Corrigendum & revised RFP.
56	86	Annexure 14: Detail Technical Specification , II. Wireless Controller	Must support 1:1 or N+1 redundancy models including all license and switchover between active standby controller within second time frame	request to add: sub-second failover instead of second time frame. Revised clause:"Must support 1:1 or N+1 redundancy models including all license and switchover between active standby controller within **sub second** time frame"	The WLC should support sub-second failover ensuring the AP does not have to re-associate with the secondary controller once the primary WLC goes down.	No Change ,As Mentioned in RFP
57	96	Annexure 14: Detail Technical Specification. VI USB Wireless Adaptor	Feature-Wireless: Support 64/128 bit WEP, WPA-PSK/WPA2-PSK,802.1x	Request to remove 64/129 bit WEP point	WEP is a obsolete standard hence suggest to remove the clause	Refer Revised Clause

58	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	should be able to integrate with external SMS Gateway solution for OTP	Request to remove the clause	SMS gateway integration with WLC provides a very limited set of features, Hence suggest to remove the clause	No Change ,As Mentioned in RFP
59	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	WLAN Controller must support minimum 500 access points without any hardware change	Request to modify the clause as "WLAN Controller must support minimum 1500 access points without any hardware change"	support for additional access point is an advantage from scalability perspective. From a cost perspective there is no change. Also, it is expected/assumed that this controller will be the WLC for all other offices over WAN for wifi users at MSEDCL	No Change ,As Mentioned in RFP
60	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	New Addtion	The WLC should support Stateful Access Point Fail-over with state information maintained between active and Standby controller	Suggest to add the point mentioned. All major OEMs support this. This will preserve the state of information between AP & controller while switching from primary to standy/secondary WLC.	No Change ,As Mentioned in RFP
61	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	New Addtion	Access point must download the firmware upgrade from the hardware controller itself and should run same image as on WLC	Suggest to add the point mentioned for better maintenance/management, control and troubleshooting. All OEMs support this.	No Change ,As Mentioned in RFP
62	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	New Addtion	All the proposed Access point must be configured and managed by the supplied hardware WLC	Suggest to add the point mentioned. All major OEMs support this.	No Change ,As Mentioned in RFP
63	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	New Addtion	WLC should detect if a user try to impersonate a management frame.	Suggest to add the point mentioned. All major OEMs support this. this is very importnant security feature.	No Change ,As Mentioned in RFP
64	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	WLAN Controller should detect if a user try to create tethering to connect other devices and internet sharing	Request to modify the clause as "WLC should detect and take appropriate containment action if a smartphone user using tethering to connect other device."	Existing point in RFP is not clear, hence suggest to modify the clause	No Change ,As Mentioned in RFP
65	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	WLAN Controller should detect if a user try to create tethering to connect other devices and internet sharing	Request to modify the clause as "WLC should detect if a user trying to do internet sharing through a valid system to an unauthorized device."	Existing point in RFP is not clear, hence suggest to modify the clause	No Change ,As Mentioned in RFP
66	84	Annexure 14: Detail Technical Specification , I. Access Points	Maximum Throughput Radio 1- 300 Mbps Radio 2-1700 Mbps	Change the throughput per radio to "Maximum Aggregated Throughput" as 2Gbps	Instead of mentioning Maximum Throughput per radio requesting to change to "Maximum Aggregated Throughput" as 2Gbps	Refer Revised Clause
67	84	Annexure 14: Detail Technical Specification , I. Access Points	Number of Antennas8 Internal high density Antennas	Change the clause as "Number of Antennas 7 Internal omnidirectional"	For Wider OEM participation suggest to change the clause as mentioned	Refer Revised Clause
68	84	Annexure 14: Detail Technical Specification , I. Access Points	New Addtion	RJ45/Usb based console port for Local troubleshooting	Suggest to add the point mentioned. This would help is local troubleshooting of Access Point.	No Change ,As Mentioned in RFP
69	84	OEM Criteria	OEM Must be present in Latest Gartner Magic Quadrant	OEM for wireless, switching and NAC Must be present in Latest Gartner Magic Quadrant under 'leaders or challengers quadrant' for the last 3 years in the gartner report	The gartner report and it's magic quadrant is very wide & open. This will lead to unfair competition between high quality premium OEMs and low cost OEMs. None of the top OEMs will have a chance to fight. The focus of MSEDCL should be on deploying the best of breed solutions	No Change ,As Mentioned in RFP
70	84	OEM Criteria	Access Points, POE Switches, Wireless Controller should be from same OEM	Access Points, POE Switches, Wireless Controller and NAC should be from same OEM	NAC is also an integral part of solution for wireless security. Hence it should be from the same OEM for enhanced management and integration.	No Change ,As Mentioned in RFP
71	88	Annexure 14: Detail Technical Specification , III. POE Switch	New Addtion	The switch should support stacking with dedicated stacking ports with minimum stack throughput of 80Gbps as and when required in future	Stacking is an important High Availability fucntionality. It will also prove to be an optimal design where each floor will have a stack of access switches and each stack will have dual 10G uplinks to the core switch. Request you to please add the same	No Change ,As Mentioned in RFP
72	89	Annexure 14: Detail Technical Specification , IV. Core Switch	The Switch should have at least 24 10G SFP+ ports (loaded with required transceivers) and 24 Ports Gig Ethernet Port	The core switch will only require 1/10G SFP+ based ports which will be used for uplink for access switch/access switch stack. It is not recommended to connect servers directly to the core switch. If 1G Base-T ports are required then it is recommended to have a separate 24 port 1G based switch. Please modify the clause as "The Switch should have at least 24 10G SFP+ ports (loaded with required transceivers)"	The core switch will only require 1/10G SFP+ based ports which will be used for uplink for access switch/access switch stack. It is not recommended to connect servers directly to the core switch. If 1G Base-T ports are required then it is recommended to have a separate 24 port 1G based switch.	No Change ,As Mentioned in RFP
73	90	Annexure 14: Detail Technical Specification , IV. Core Switch	Should support stacking	The switch should support stacking with dedicated stacking ports with minimum stack throughput of 240Gbps from day 1	Stacking is an important High Availability fucntionality. The two core switches will be stacked together for HA. It is important to specify the stack throughput of the switch.	No Change ,As Mentioned in RFP
74	86	Annexure 14: Detail Technical Specification , II. Wireless Controller	Must support 1:1 or N+1 redundancy models including all license and switchover between active standby controller within second time frame	request to add: sub-second failover instead of second time frame. Revised clause:"Must support 1:1 or N+1 redundancy models including all license and switchover between active standby controller within **sub second** time frame"	The WLC should support sub-second failover ensuring the AP does not have to re-associate with the secondary controller once the primary WLC goes down.	No Change ,As Mentioned in RFP
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76	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	should be able to integrate with external SMS Gateway solution for OTP	Request to remove the clause	SMS gateway integration with WLC provides a very limited set of features, Hence suggest to remove the clause	No Change ,As Mentioned in RFP
77	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	WLAN Controller must support minimum 500 access points without any hardware change	Request to modify the clause as "WLAN Controller must support minimum 1500 access points without any hardware change"	support for additional access point is an advantage from scalability perspective. From a cost perspective there is no change. Also, it is expected/assumed that this controller will be the WLC for all other offices over WAN for wifi users at MSEDCL	No Change ,As Mentioned in RFP
78	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	New Addtion	The WLC should support Stateful Access Point Fail-over with state information maintained between active and Standby controller	Suggest to add the point mentioned. All major OEMs support this. This will preserve the state of information between AP & controller while switching from primary to standy/secondary WLC.	No Change ,As Mentioned in RFP
79	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	New Addtion	Access point must download the firmware upgrade from the hardware controller itself and should run same image as on WLC	Suggest to add the point mentioned for better maintenance/management, control and troubleshooting. All OEMs support this.	No Change ,As Mentioned in RFP
80	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	New Addtion	All the proposed Access point must be configured and managed by the supplied hardware WLC	Suggest to add the point mentioned. All major OEMs support this.	No Change ,As Mentioned in RFP
81	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	New Addtion	WLC should detect if a user try to impersonate a management frame.	Suggest to add the point mentioned. All major OEMs support this. this is very importnant security feature.	No Change ,As Mentioned in RFP
82	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	WLAN Controller should detect if a user try to create tethering to connect other devices and internet sharing	Request to modify the clause as "WLC should detect and take appropriate containment action if a smartphone user using tethering to connect other device."	Existing point in RFP is not clear, hence suggest to modify the clause	No Change ,As Mentioned in RFP
83	87	Annexure 14: Detail Technical Specification , II. Wireless Controller	WLAN Controller should detect if a user try to create tethering to connect other devices and internet sharing	Request to modify the clause as "WLC should detect if a user trying to do internet sharing through a valid system to an unauthorized device."	Existing point in RFP is not clear, hence suggest to modify the clause	No Change ,As Mentioned in RFP
84	84	Annexure 14: Detail Technical Specification , I. Access Points	Maximum Throughput Radio 1- 300 Mbps Radio 2-1700 Mbps	Change the throughput per radio to "Maximum Aggregated Throughput" as 2Gbps	Instead of mentioning Maximum Throughput per radio requesting to change to "Maximum Aggregated Throughput" as 2Gbps	Refer Revised Clause
85	84	Annexure 14: Detail Technical Specification , I. Access Points	Number of Antennas8 Internal high density Antennas	Change the clause as "Number of Antennas 7 Internal omnidirectional"	For Wider OEM participation suggest to change the clause as mentioned	Refer Revised Clause
86	84	Annexure 14: Detail Technical Specification , I. Access Points	New Addtion	RJ45/Usb based console port for Local troubleshooting	Suggest to add the point mentioned. This would help is local troubleshooting of Access Point.	No Change ,As Mentioned in RFP
87	84	OEM Criteria	OEM Must be present in Latest Gartner Magic Quadrant	OEM for wireless, switching and NAC Must be present in Latest Gartner Magic Quadrant under 'leaders or challengers quadrant' for the last 3 years in the gartner report	The gartner report and it's magic quadrant is very wide & open. This will lead to unfair competition between high quality premium OEMs and low cost OEMs. None of the top OEMs will have a chance to fight. The focus of MSEDCL should be on deploying the best of breed solutions	No Change ,As Mentioned in RFP
88	84	OEM Criteria	Access Points, POE Switches, Wireless Controller should be from same OEM	Access Points, POE Switches, Wireless Controller and NAC should be from same OEM	NAC is also an integral part of solution for wireless security. Hence it should be from the same OEM for enhanced management and integration.	No Change ,As Mentioned in RFP
89	88	Annexure 14: Detail Technical Specification , III. POE Switch	New Addtion	The switch should support stacking with dedicated stacking ports with minimum stack throughput of 80Gbps as and when required in future	Stacking is an important High Availability fucntionality. It will also prove to be an optimal design where each floor will have a stack of access switches and each stack will have dual 10G uplinks to the core switch. Request you to please add the same	No Change ,As Mentioned in RFP

90	89	Annexure 14: Detail Technical Specification , IV. Core Switch	The Switch should have at least 24 10G SFP+ ports (loaded with required transceivers) and 24 Ports Gig Ethernet Port	The core switch will only require 1/10G SFP+ based ports which will be used for uplink for access switch/access switch stack. It is not recommended to connect servers directly to the core switch. If 1G Base-T ports are required then it is recommended to have a separate 24 port 1G based switch. Please modify the clause as "The Switch should have at least 24 10G SFP+ ports (loaded with required transceivers)"	The core switch will only require 1/10G SFP+ based ports which will be used for uplink for access switch/access switch stack. It is not recommended to connect servers directly to the core switch. If 1G Base-T ports are required then it is recommended to have a separate 24 port 1G based switch.	No Change ,As Mentioned in RFP
91	90	Annexure 14: Detail Technical Specification , IV. Core Switch	Should support stacking	The switch should support stacking with dedicated stacking ports with minimum stack throughput of 240Gbps from day 1	Stacking is an important High Availability fucntionality. The two core switches will be stacked together for HA. It is important to specify the stack throughput of the switch.	No Change ,As Mentioned in RFP
92	13	Section 1.6 - Qualification Criteria - 1.6.2 – Bidders Qualification Criteria	iii. The Bidder should have executed minimum 3 projects of wireless LAN each of order value not less than Rs. 25 lakhs with minimum 100 Access points in the last 3 years financials Years. - Proof of Project Experience in the form of LOA or Installation commissioning Certificate from Client	The Bidder should have executed minimum **1 or more projects** of **LAN/IT Infra** of order value not less than Rs. 25 lakhs having wireless access points in the last **5** years financials Years- Proof of Project Experience in the form of LOA or Installation commissioning Certificate from Client		Please refer Corrigendum & revised RFP.
93	13	Section 1.6 - Qualification Criteria 1.6.2 – Bidders Qualification Criteria	vii. The Bidder must possess a valid ISO 9001:2015 certification - Copy of Certification	The Bidder must possess a valid ISO 9001:2015 Certification & **ISO 27001:2013 certification for Security**- Copy of Certification		No Change ,As Mentioned in RFP
94	13	Section 1.6 - Qualification Criteria 1.6.2 – Bidders Qualification Criteria	viii. Bidder should have registered or support office at Mumbai, Maharashtra- Proof of Support Office or Company Registration copy	Bidder should have registered or support office **in Maharashtra-** Proof of Support Office or Company Registration copy		No Change ,As Mentioned in RFP
95	15	Section II – Scope of work	xvi. Wi-Fi controller should have Two Factor authentication and should have SMS based authentication for guest users	MSEDCL need to provide API, SI to do integration.		No Change ,As Mentioned in RFP MSEDCL will provide only SMS gateway URL
96	15	Section - II - Scope of work	iv. The OEM should certify structured cabling confirming that the installation adheres to industry standards & is according to EIA / TIA 568 B guidelines	Please clarify	Please clarify the same.	No Change ,As Mentioned in RFP
97	84	Annexure 14: Detail Technical Specification - Mandatory OEM Specification for all hardware mentioned in the RFP	1. OEM Must be present in Latest Gartner Magic Quadrant	OEM must be present in leader quadrant as per latest Gartner Magic Quadrant report for Wired and Wireless LAN Infrastructure. .	Request to change	No Change ,As Mentioned in RFP
98			7. Access Points, POE Switches, Wireless Controller should be from same OEM	All the equipment's are from same OEM. – for ensuring seamless manageability	Request to add	No Change ,As Mentioned in RFP
99	88-89	Annexure 14: Detail Technical Specification, III -POE Switch 1. Switch Architecture and Performance	Switch should have non-blocking wire-speed architecture. Should support IPv4 and should have non-blocking switching fabric of minimum 128 Gbps or more and should have Forwarding rate of minimum 190 Mpps.	With current port configuration asked wire-speed can be achieved by 95 mpps.	Request to change	No Change ,As Mentioned in RFP
100		Annexure 14: Detail Technical Specification, III -POE Switch 3. Quality of Service (QoS) Features	Switch should support 1000 QoS Scale entries	Please modify the clause1000 QoS/ACL entries	Request to modify	No Change ,As Mentioned in RFP
101		Annexure 14: Detail Technical Specification, III -POE Switch 5.Management, Easy-to-Use Deployment and Control Features	Switch should support Layer 2 trace route eases troubleshooting by identifying the physical path that a packet takes from source to destination	Please modify statement Layer-2/Layer-3 Traceroute	Request to modify	No Change ,As Mentioned in RFP
102	89-90	Annexure 14: Detail Technical Specification IV - Layer 3 core switch - Switch Architecture	The Switch should have at least 8 GB of DRAM.	The memory of switch doesn't impact the performance of the switch. Request to modify the clause to 4GB DRAM	Request to modify	No Change ,As Mentioned in RFP
103			The Switch should have redundant field replaceable fans and incase of failure of any one of those the other fans should automatically speed up.	Should support 1x Fan Tray	Request to change	Refer the revised clause
104		Annexure 14: Detail Technical Specification IV - Layer 3 core switch - Switch Performance	The switch should have atleast 400 Mpps of forwarding rate.	With current port configuration asked wire-speed can be achieved by 285.7 mpps.	Request to change	No Change ,As Mentioned in RFP
105			The Switch should support atleast 24000 IPv4 routes	The IPv4 routes asked are very higher side request to change to 10K IPv4 routes	Request to change	No Change ,As Mentioned in RFP
106		Annexure 14: Detail Technical Specification IV - Layer 3 core switch - Layer 3 features	The Switch support multicast features like IP Multicast and PIM, PIM Sparse Mode, PIM Dense Mode, PIM Sparse-dense Mode & Source-Specific Multicast	Please delete PIM Sparse-dense Mode (OEM specific)	Request to delete	Not OEM Specific . No Change ,As Mentioned in RFP
107			Should support Advanced IP unicast routing protocols (Open Shortest Path First [OSPF], Border Gateway Protocol Version 4 [BGPv4], and Intermediate System-to-Intermediate System Version 4 [IS-ISv4])	IS-IS is old generation P routing protocol which is not being used.	Request to delete	No Change ,As Mentioned in RFP
108	90-91	Annexure 14: Detail Technical Specification IV - Layer 3 core switch - Layer 2 features	Switch should support layer2 traceroute and NTP.	Please modify statement Layer-2/ Layer-3 Traceroute	Request to modify	No Change ,As Mentioned in RFP
109		Annexure 14: Detail Technical Specification IV - Layer 3 core switch - Network security features	The switch should support 802.1AE encryption	Request to delete the same	Request to delete	No Change ,As Mentioned in RFP
110		Annexure 14: Detail Technical Specification IV - Layer 3 core switch - Quality of Service (QoS) & Control	The switch should support IP SLA feature set to verify services guarantee based on business critical IP Applications	Please modify the statement as IP SLA or equivalent	Request to change	No Change ,As Mentioned in RFP
111	92	Annexure 14: Detail Technical Specification IV - Layer 3 core switch - Management	The switch should support RMON I and II standards, Secure Shell (SSH) Protocol, Kerberos, and Simple Network Management Protocol Version 3 (SNMPv3)	Please modify as RMON I or II	Request to modify	No Change ,As Mentioned in RFP
112			Switch Should have Web UI for management	Please delete the clause as Web GUI is not secure method of management	Request to delete	No Change ,As Mentioned in RFP
113	89-90	Annexure 14: Detail Technical Specification IV - Layer 3 core switch - Switch Architecture	The Switch should have at least 8 GB of DRAM.	This point is specific to certain OEM and suggest to ask for atleast 2 Gb DRAM to ensure that all the required features asked will be supported now and also in future without any hardware upgrade	Request to change	No Change ,As Mentioned in RFP
114	91	Annexure 14: Detail Technical Specification IV - Layer 3 core switch - Quality of Service (QoS) & Control	The switch should support IP SLA feature set to verify services guarantee based on business critical IP Applications	The switch should support IP SLA /**NQA** feature set to verify services guarantee based on business critical IP Applications	Request to modify	No Change ,As Mentioned in RFP
115	93	Annexure 14: Detail Technical Specification V-Network Access Controller	Should helps organization to identify the number of endpoints that have a specified application installed	via a 3rd party endpoint access control solution .	Request to change	No Change ,As Mentioned in RFP
116	94		Solution should support the following endpoint checks for compliance for windows endpoints:	via a 3rd party endpoint access control solution .	Request to change	No Change ,As Mentioned in RFP
117			Check process, registry, file & application	via a 3rd party endpoint access control solution .	Request to change	No Change ,As Mentioned in RFP

118			Check operating system/service packs/hotfixes	via a 3rd party endpoint access control solution .	Request to change	No Change ,As Mentioned in RFP
119			Check firewall product is running	via a 3rd party endpoint access control solution .	Request to change	No Change ,As Mentioned in RFP
120			check for Antivirus installation/Version/ Antivirus Definition Date	via a 3rd party endpoint access control solution .	Request to change	No Change ,As Mentioned in RFP
121			check for Antispyware installation/Version/ Antispyware Definition Date	via a 3rd party endpoint access control solution .	Request to change	No Change ,As Mentioned in RFP
122			Check for windows update running & configuration	via a 3rd party endpoint access control solution .	Request to change	No Change ,As Mentioned in RFP
123			Should be a persistent client-based agent or clientless to validate that an endpoint is conforming to a company's posture policies.	via a 3rd party endpoint access control solution .	Request to change	No Change ,As Mentioned in RFP
124			Client based agent should support deploying in stealth mode to monitor and enfore posture policies	via a 3rd party endpoint access control solution .	Request to change	No Change ,As Mentioned in RFP
125	94	Annexure 14: Detail Technical Specification I. Access Points (11)	UL 2043 (Plenum-Rating) and WiFi Alliance C	The mentioned certificate may not support all OEM so may it request to revise it equivalent certifications like "UL 60950–1, EN 60950–1, IP41 etc Certification" for make it standard and patriciate the other OEM as well.		No Change ,As Mentioned in RFP
126	100	Annexure 14: Detail Technical Specification IV. Layer 3 Core Switch (4)	The Switch should have at least 8 GB of DRAM	This point is specific to certain OEM, may it request to revise like" The Switch should have at least 2 GB of DRAM to ensure that all asked features will supported and no degradation in services and performance for the solution".		No Change ,As Mentioned in RFP
127	13	Section 1.6 - Qualification Criteria - 1.6.2 – Bidders Qualification Criteria	iii. The Bidder should have executed minimum 3 projects of wireless LAN each of order value not less than Rs. 25 lakhs with minimum 100 Access points in the last 3 years financials Years. - Proof of Project Experience in the form of LOA or Installation commissioning Certificate from Client	The Bidder should have executed minimum 3 projects of wireless LAN each of order value not less than Rs. 25 lakhs with minimum 100 Access points in the last 3 years financial Years." Or The Bidder should have executed 1 project of wireless LAN/Wired LAN of order Rs. 100 lakhs with minimum 4000 Access points in the last 3 years financial Years."		Please refer Corrigendum & revised RFP.