| S.No. | Page no. | Clause No. | Bid Clause | Bidders Query | Response to Query |
|---|---|---|---|---|---|
| 1 | 94 | 6 | **Wireless Access Point – Indoor :-** Access Point must support aggregate data rate of minimum 2.9 Gbps OR Better. | Request you to please change this clause to<br><br>Access Point must support aggregate data rate of minimum 2.6 Gbps OR Better. | Kindly read it as :<br><br>Access Point must support aggregate data rate of minimum 2.6 Gbps OR Better. |
| 2 | 96 | 14 | **Wireless Access Point – Outdoor :-** Must be plenum rated (UL 2043) | Please remove this point as this is required in hazardous environment | This clause stands deleted. |
| 3 | 98 | 5 | **Wireless Cloud Base Controller :-** The solution should support Location Based services via Bluetooth low energy and should also support Asset Tracking. | Please remove this point.<br><br>Location based service and asset tracking is having different software and AP is having BLE so for Location based service and asset tracking , AP will integrate with external software. | Bidder Should provide the solution to comply the RFP. |
| 4 | 98 | 8 | **Wireless Cloud Base Controller :-** Should be able to provide insights based on successful connections, Time taken to connect, coverage, capacity, AP Uptime, Roaming and throughput. | Request you to please change this clause to<br><br>Should be able to provide insights based on successful connections/connected client, Time taken to connect/client connection details, coverage/channel, capacity/speed, AP Uptime, Roaming /Roaming experience and throughput. | No changes. |

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| 5 | 98 | 10 | **Wireless Cloud Base Controller :-** The solution should provide the client and network insights to auto troubleshoot issues with DHCP, DNS, Gateway/ARP, Radius etc. related issues. | Request you to please change this clause to

The solution should provide the client and network insights to  troubleshoot issues with DHCP, DNS, Gateway/ARP, Radius etc. related issues. | Kindly read it as :

The solution should provide the client and network insights to auto/manual troubleshoot issues with DHCP, DNS, Gateway/ARP, Radius etc. related issues. |
| 6 | 100 | 8 | **POE (Power Over Ethernet) Access Switch. :-** 328 Gbps or higher Backplane capacity and minimum 244 Mpps of forwarding rate (Including Stacking bandwidth & forwarding) | Request you to please change this clause to

128 Gbps or higher Backplane capacity and minimum 95 Mpps of forwarding rate( (Including Stacking bandwidth) | No Changes.

This includes switching capacity along with stacking capacity of the switch. So bidder to include switch along with stacking capacity for this calculation. |
| 7 | 101 | 16 | **POE (Power Over Ethernet) Access Switch. :-** Should support IP Source Guard, DAI and IPv6 Security feature like IPv6 RA Guard and IPv6 Neighbour Discovery Inspection or equivalent | Request you to please change this clause to

Should support IP Source Guard or Dynamic IP Lockdown, DAI /ARP protection and IPv6 Security feature like IPv6 RA Guard or Dynamic IP Lockdown and IPv6 Neighbour Discovery Inspection or IPv6 Neighbor Discovery or equivalent | No Changes.

However bidder can propose equivalent. |

| 8 | 101 | 27 | **POE (Power Over Ethernet) Access Switch. :-** Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified OR Equivalent Indian Standard. | Request you to please change this clause to<br><br>Switch should be UL60950-1/UL 62368-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024/ EN 55035, EN 300386/ EN 61000-3-2 , CAN/CSA 22.2 No.60950-1/62368-1,Reduction of Hazardous Substances (ROHS) certified  OR Equivalent Indian Standard.<br><br>Now New equivalent standard has come. | Kindly read it as:<br><br>Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified, Equivalent International/Indian Government Standard. |
| 9 | 103 | 23 | **Non-POE Access Switch :-**The switch should comply with following safety certification<br>•UL-UL60950-1, C-UL to CAN/CSA 22.2 No.60950-1<br>•TUV/GS to EN 60950-1, Amendment A1-A4, A11<br>•CB-IEC60950-1, all country deviations<br>•EN 60825-1 OR Equivalent Indian Standard. | Request you to please change this clause to<br><br>Switch should be UL60950-1/UL 62368-1, CAN/CSA 22.2 No.60950-1 or CAN/CSA C22.2 No. 62368-1:19<br>•  EN 60950-1, Amendment A1-A4, A11 or EN 62368-1:2014+A11:2017<br>• CB-IEC60950-1 or IEC 62368-1:2014 2nd Ed , all country deviations<br>• EN 60825-1 or IEC 61000-4-3<br><br>Now New equivalent standard has come. | Kindly Read it as :<br><br>The switch should comply with following safety certification<br>• UL-UL60950-1, C-UL to CAN/CSA 22.2 No.60950-1,<br>• TUV/GS to EN 60950-1, Amendment A1-A4, A11,<br>• CB-IEC60950-1, all country deviations<br>• EN 60825-1.<br><br>• Equivalent International /Indian Government Standard. |

| 10 | 105 | 18 | **New Core Switches:-** Should support IP Source Guard, DAI OR Equivalent and IPv6 Security feature like IPv6 RA Guard and IPv6 Neighbour Discovery. | Request you to please change this clause to<br><br>Should support IP Source Guard or Dynamic IP Lockdown, DAI /ARP protection and IPv6 Security feature like IPv6 RA Guard or Dynamic IP Lockdown and IPv6 Neighbour Discovery Inspection or IPv6 Neighbor Discovery | No Changes.<br><br>However bidder can propose equivalent. |
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| 11 | 105 | 27 | **New Core Switches:-** Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified OR Equivalent Indian Standard. | Request you to please change this clause to<br><br>Switch should be UL60950-1/UL 62368-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024/ EN 55035, EN 300386/ EN 61000-3-2 , CSA 22.2 No.60950-1/62368-1,Reduction of Hazardous Substances (ROHS) certified OR Equivalent Indian Standard.<br><br>Now New equivalent standard has come. | Kindly read it as:<br><br>Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified, Equivalent International/Indian Government Standard. |
| 12 | 70 | Annexure M | **Annexure M: Scoring Methodology Evaluation Parameters**<br>Turnover<br>>= 100 Cr    - 10   Marks<br>>=50 < 100 Cr  - 7  Marks<br>>=20 < 50 Cr - 5 Marks | For Better Competion Request you to please change this clause to<br>Evaluation Parameters<br>Turnover<br>>=75 Cr    - 10   Marks<br>>=75 < 50 Cr  - 7  Marks<br>>=20 < 50 Cr - 5 Marks | No Changes. |

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| 13 | 94 | 10 | **Wireless Access Point – Indoor :-** The AP should have two 2.4GHz omnidirectional antennas with 4.2 dBi peak gain and Four 5GHz mnidirectional antennas should with 6 dBi peak gain or better. | Please amend the clause as "The AP should have two Spatial Stream on 2.4GHz omnidirectional antennas with 4 dBi peak gain and Four Spatial Stream on 5GHz omnidirectional antennas should with 4.7 dBi peak gain or better." | No Changes |
| 14 | 95 | 21 | **Wireless Access Point – Indoor :-** The AP should have Dedicated dual band Radio for WIDS/WIPS, spectrum analysis, and location analytics apart from client serving radio for 2.4 and 5GHz. Alternatively, bidder can provision additional dedicated AP for WIPS/WIDS for which appropriate sizing and minimum 1 sensing AP per 6 | No, Remove this clause . | No Changes. |
| 15 | 96 | 4 | **Wireless Access Point – Outdoor :-** Must support minimum 4X4:4 MU-MIMO on both bands. (2.4 and 5GHz) | Please amend as "Must support minimum 4X4:4 MU-MIMO on at least 5Ghz Band" | No Changes. |
| 16 | 96 | 10 | **Wireless Access Point – Outdoor:-** The AP should have four 2.4GHz omnidirectional antennas with 4 dBi peak gain and four 5GHz omnidirectional antennas should with 5.8 dBi peak gain OR better, Either Internal/External Omnidirectional Antennas. | Please amend the clasue as "The AP should have two Spatial Stream on 2.4GHz omnidirectional antennas with 3.2 dBi peak gain and Four Spatial Stream on 5GHz omnidirectional antennas should with 4.2 dBi peak gain or better." | No Changes. |
| 17 | 96 | 15 | **Wireless Access Point – Outdoor :-** Must be WPC approved | NO Query | No Changes.<br><br>This mandatory certificate required for all OEM to import & sale product in India hence we can't modify this clause. It is required from Day 1. |

| 18 | 100 | 7 | **POE (Power Over Ethernet) Access Switch :-** The Switch should have Minimum 2GB DRAM and 2 GB internal Flash/ SSD. | Every vendor support different size of RAM and flash based on support chipset, ASIC value and firmware size. Please amend as "The Switch should have Minimum 1GB DRAM and 1 GB internal Flash/ SSD" | No Changes |
| --- | --- | --- | --- | --- | --- |
| 19 | 100 | 8 | **POE (Power Over Ethernet) Access Switch. :-** 328 Gbps or higher Backplane capacity and minimum 244 Mpps of forwarding rate (Including Stacking bandwidth & forwarding) | Please amend the cluase based on IEEE standared calculation of above asked port (24*1G*1.488). Please amend as "128 Gbps or higher Backplane capacity and minimum 154 Mpps of forwarding rate (excluding the stacking bandwidth and forwarding)" | No Changes.<br><br>This includes switching capacity along with stacking capacity of the switch. So bidder to include switch along with stacking capacity for this calculation. |
| 20 | 102 | 6 | **Non-POE Access Switch :-** The Proposed Switch should have minimum 2GB DRAM or more. | Please amend as "The Proposed Switch should have minimum 1GB DRAM or more" | No Changes. |
| 21 | 102 | 7 | **Non-POE Access Switch. :-** The Proposed Switch should have minimum 2GB Flash or more | Please amend as "The Proposed Switch should have minimum 1GB Flash or more" | No Changes |
| 22 | 102 | 9 | **Non-POE Access Switch.:-** The Proposed switches should be able to support stacking / switch virtualization technology which makes single IP management of up to 4Switch in same Rack, Across Rack, Same Floor, Across Floor, Same Bldg. or Across the Bldg. or spread across the campus. Stacking cable with accessories should be provided wherever required | The Proposed switches should be able to support stacking / switch virtualization technology which makes single IP management of up to 8 Switch in same Rack, Across Rack, Same Floor, Across Floor, Same Bldg. or Across the Bldg. or spread across the campus. Stacking cable with accessories should be provided wherever required | No Changes.<br><br>However Bidder can provide superior Solution. |

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| 23 | 103 | 23 | **Non-POE Access Switch.:-** The switch should comply with following safety certification<br>•UL-UL60950-1, C-UL to CAN/CSA 22.2 No.60950-1<br>•TUV/GS to EN 60950-1, Amendment A1-A4, A11<br>•CB-IEC60950-1, all country deviations<br>•EN 60825-1 OR Equivalent Indian Standard. | Please amend as • UL-UL60950-1, C-UL or CAN/CSA 22.2 No.60950-1<br>• TUV/GS or EN 60950-1,<br>• CB-IEC60950-1,<br>• EN 60825-1 | Kindly Read it as :<br><br>The switch should comply with following safety certification<br>• UL-UL60950-1, C-UL to CAN/CSA 22.2 No.60950-1,<br>• TUV/GS to EN 60950-1, Amendment A1-A4, A11,<br>• CB-IEC60950-1, all country deviations<br>• EN 60825-1.<br><br>• Equivalent International /Indian Government Standard. |
| 24 | 15 | 2.10 | **Project Delivery :-** The Bidder has to complete the project within 12 weeks. | Please amend as "The Bidder has to complete the project within 16 weeks." | No Changes. |
| 25 | 19 | 2.14.1 | **Payment Terms :-** Delivery of Hardware & respective Licenses, accessories etc. as per BOQ - 30% of the Total Cost. | Kindly amend as 50% on delivery | No Changes. |
| 26 | 19 | 2.14.2 | **Payment Schedule :-** Installation, Commissioning & Testing - 60% of the Total Cost. | Kindly amend as 40% against installation | No Changes. |
| 27 | 19 | 2.14.4 | **Payment Schedule :-** AMC - Quarterly in respective years at the end of the quarter. | AMC - Quarterly in respective years in advance. | No Changes. |
| 28 | 95 | 17 | **Wireless Access Point – Indoor :-** The AP should have one RJ-45 port supporting up to 2.5Gbps port speed and another one supporting at least 1 Gbps speed. | Request to change to "The AP should have one RJ-45 port supporting up to 2.5Gbps port speed" | No Changes.<br><br>Dual ports are desired for redundancy and future scalability. |
| 29 | 97 | 17 | **Wireless Access Point – Outdoor :-** The AP should have one RJ-45 port supporting up to 2.5Gbps port speed and another one supporting at least 1 Gbps speed. | The AP should have one RJ-45 port supporting up to 2.5Gbps port speed and another one supporting at least 1 Gbps speed. | No Changes.<br><br>Dual ports are desired for redundancy and future scalability. |

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| 30 | 99 | 24 | **Wireless Cloud Base Controller :-** Should have Audit logs for at least 30 days.Even if subscription services get over, the organization service should not be stopped. OEM should make the necessary provision for the same. | Please remove "Even if subscription services get over, the organization service should not be stopped. " | No Changes. |
| 31 | 100 | 10 | **POE (Power Over Ethernet) Access Switch.:-** Support for at least 1000 VLANs & Minimum 32K MAC address. | Please change this to "Support for at least 1000 VLANs & Minimum 16K MAC address." | No Changes. |
| 32 | 101 | 16 | **POE (Power Over Ethernet) Access Switch.:-** Should support IP Source Guard, DAI and IPv6 Security feature like IPv6 RA Guard and IPv6 Neighbour Discovery Inspection or equivalent | Please remove "IPv6 Security feature like IPv6 RA Guard and IPv6 Neighbour Discovery Inspection or equivalent" | No Changes. However bidder can propose equivalent. |
| 33 | 101 | 23 | **POE (Power Over Ethernet) Access Switch.:-** The Switches support perpetual PoE/Always on POE, which provides uninterrupted power to connected PoE powered devices even when the switch is rebooting./ Equivalent. | Please remove this point. | No Changes. |
| 34 | 101 | 27 | **POE (Power Over Ethernet) Access Switch.:-** Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified OR Equivalent Indian Standard. | Please remove "FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, OR Equivalent Indian Standard." Please add "EN 300 386 V1.6.1:2012, EN55024:2010,EN55032:2012,EN61000-3-2:2014, EN61000-3-3:2013, | Kindly read it as: Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified, Equivalent International/Indian Government Standard. |
| 35 | 100 | 13 | **POE (Power Over Ethernet) Access Switch.:-** Switch should support 8 hardware queues per port | Please change this to "Switch should support 6 hardware queues per port | No Changes. |

| 36 | 102 | 9 | Non-POE Access Switch.:- The Proposed switches should be able to support stacking / switch virtualization technology which makes single IP management of up to 4 Switch in same Rack, Across Rack, Same Floor, Across Floor, Same Bldg. Stacking cable with accessories should be provided wherever required. | Please remove "Across Rack, Same Floor, Across Floor, Same Bldg. Stacking cable with accessories should be provided wherever required." | No Changes. |
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| 37 | 103 | 17 | Non-POE Access Switch.:- The Proposed Switch Should Support minimum 8 number of hardware queues per port | Please change this to "Switch should support 6 hardware queues per port | No Changes |
| 38 | 104 | 8 | New Core Switches:- The Switch should have a minimum of 2 GB DRAM and 2 GB internal Flash/ SSD or higher. | Please remove this point. | No Changes |
| 39 | 104 | 11 | New Core Switches:- Support for at least 1000 VLANs & 98K OR higher MAC address. | Please change to 32K or higher Mac addresses | No Changes |
| 40 | 104 | 13 | New Core Switches:- It should have static IP routing, OSPF from Day 1 and should be upgradable to support PIM, EVPN-VXLAN and BGP. | Please remove "It should have static IP routing, OSPF from Day 1 and should be upgradable to support PIM" | No Changes |
| 41 | 104 | 14 | New Core Switches:- The switch should support 22k IPv4/ 10K IPv6 and 4k Multicast Routes/entries. | Please change to "13K route entries,8K multicast entries | No Changes |
| 42 | 104 | 15 | New Core Switches:- Switch should support 8 hardware queues per port | Please change this to "Switch should support 6 hardware queues per port | No Changes |
| 43 | 105 | 18 | New Core Switches:- Should support IP Source Guard, DAI OR Equivalent and IPv6 Security feature like IPv6 RA Guard and IPv6 Neighbour Discovery. | Please remove "IPv6 Security feature like IPv6 RA Guard and IPv6 Neighbour Discovery Inspection or equivalent" | No Changes. However bidder can propose equivalent. |

| 44 | | | **New Core Switches:-** Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified OR Equivalent Indian Standard. | Please remove "FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, OR Equivalent Indian Standard." Please add "EN 300 386 V1.6.1:2012, EN55024:2010,EN55032:2012,EN61000-3-2:2014, EN61000-3-3:2013, | Kindly read it as: Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified, Equivalent International/Indian Government Standard. |
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| | 105 | 27 | | | |
| 45 | 94 | 1 | **Wireless Access Point – Indoor :-** The Access Point OEM should have been the Market Leader for wired and wireless for the last 3 years (from well-known market research organisations such as Gartner/IDC, etc.) | Please delete the clause. | No Changes. |
| 46 | 95 | 14 | **Wireless Access Point – Indoor :-** Must be plenum rated (UL 2043) | Please delete the clause. | No Changes. |
| 47 | 95 | 16 | **Wireless Access Point – Indoor :-** Access Point should have inbuilt BLE radio. | Please delete the clause. | No Changes. |
| 48 | 96 | 1 | **Wireless Access Point – Outdoor :-** The Access Point OEM should be Market Leader for wired and wireless for the last 3 years (from well-known market research organisations such as Gartner/IDC etc.) | Please delete the clause. | No Changes. |
| 49 | 96 | 14 | **Wireless Access Point – Outdoor :-** Must be plenum rated (UL 2043) | Please delete the clause. | This clause stands deleted. |
| 50 | 96 | 16 | **Wireless Access Point – Outdoor :-** Access Point should have inbuilt BLE radio. | Please delete the clause. | No Changes. |
| 51 | 98 | 1 | **Wireless Cloud Base Controller :-** The Access Point OEM should be Market Leader for wired and wireless for the last 3 years (from well-known market research organisations such as Gartner/IDC etc.) | Please delete the clause. | No Changes. |

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| 52 | 98 | 2 | **Wireless Cloud Base Controller :-** All the switches and Wireless APs should be completely provisioned and managed using this controller. | All the switches and Wireless APs should be completely provisioned and managed using this controller. | No Changes. |
| 53 | 98 | 5 | **Wireless Cloud Base Controller :-** The solution should support Location Based services via Bluetooth low energy and should also support Asset Tracking. | Please delete the clause. | No Changes. |
| 54 | 100 | 1 | **POE (Power Over Ethernet) Access Switch.:-** The Access Point and POE switch OEM should be Market Leader for wired and wireless for the last 3 years (from well-known market research organisations such as Gartner/IDC etc.) | Please delete the clause. | No Changes. |
| 55 | 100 | 5 | **POE (Power Over Ethernet) Access Switch.:-** Complete provisioning and management of switch should be from the same management dashboard which is used to manage wireless platform. | Please delete the clause. | No Changes. |
| 56 | 100 | 7 | **POE (Power Over Ethernet) Access Switch.:-** The Switch should have Minimum 2GB DRAM and 2 GB internal Flash/ SSD. | Please delete the clause. | No Changes |
| 57 | 102 | 2 | **Non-POE Access Switch.:-** The Access Point and Non-POE switch OEM should be Market Leader for wired and wireless for the last 3 years (from well-known market research organisations such as Gartner/IDC etc.) | Please delete the clause. | No Changes. |
| 58 | 102 | 6 | **Non-POE Access Switch.:-** The Proposed Switch should have minimum 2 GB DRAM or more | Please delete the clause. | No Changes. |
| 59 | 102 | 7 | **Non-POE Access Switch.:-** The Proposed Switch should have minimum 2 GB Flash or more | Please delete the clause. | No Changes |
| 60 | 103 | 22 | **Non-POE Access Switch.:-** Switch should be ROHS compliant | Please delete the clause. | No Changes. |

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| 61 | 103 | 23 | **Non-POE Access Switch.:-** The switch should comply with following safety certification<br>• UL-UL60950-1, C-UL to CAN/CSA 22.2 No.60950-1<br>• TUV/GS to EN 60950-1, Amendment A1-A4, A11<br>• CB-IEC60950-1, all country deviations<br>• EN 60825-1 OR Equivalent Indian Standard. | Please delete the clause. | Kindly Read it as :<br><br>The switch should comply with following safety certification<br>• UL-UL60950-1, C-UL to CAN/CSA 22.2 No.60950-1,<br>• TUV/GS to EN 60950-1, Amendment A1-A4, A11,<br>• CB-IEC60950-1, all country deviations<br>• EN 60825-1.<br><br>• Equivalent International /Indian Government Standard. |
| 62 | 104 | 1 | **New Core Switches:-** The Access Point and switch OEM should be Market Leader for wired and wireless for the last 3 years (from well-known market research organisations such as Gartner/IDC etc.) | Please delete the clause. | No Changes |
| 63 | 15 | 2.10 | **Project Delivery:-** The Bidder has to complete the project within 12 weeks. | In the worst-Case Scenario would there be extension of Timelines. If yes, By how many weeks. And we are requesting two to three weeks grace time to be considered. | No Changes. |
| 64 | 16 | 2.13 | **Penalties/Liquidated Damages:-** Penalties/Liquidated damages for delay in Supply, Installation, Configuration, Implementation and Maintenance of Servers | Would delay due to site non readiness or non-availability of a specific Location from Client end be added. | No Changes. |
| 65 | 20 | 2.16 | **Warranty:-** The bidder must provide comprehensive warranty and support for Three (3) years for Hardware other items from the date of successful handing over the system. | What will happen to existing infra/Hardware. Report might have to be generated to understand the life it has gone through and earlier certifications and testing, if any is available. | No Changes. |
| 66 | 22 | 2.19 | **Response Time and Meantime to Restore [MTTR]:-** Support shall be Next Business Day at IGIDR, Mumbai | Call logged before 3 PM can be supported in next business day as per process. | No Changes. |

| 67 | 46 | 6.27 | **Right to Alter Quantities/Location:-** In the event of changes in plans of the IGIDR, IGIDR reserves the right to alter the quantities / locations for implementing the product by adding/deleting/substituting the devices/locations, etc., from the one specified in the tender at the same rate arrived on the same terms and conditions of this BID. | Adding or Substituting will add up additional cost and time which may add up delay in overall project. Suggest to take this as separate change request (Minor or Major) which should be dealt separately. | No Changes. |
|----|----|------|---|---|---|
| 68 | 75 | 47 | During installation if the IGIDR requires any new software update/ Utility, Bidder has to install it without any cost where the licenses of the Device are with the IGIDR. | Any upgradation required on extreme core switches side then kindly advise on the same., and need to be supported. | No Changes. |
| 69 | 19 | 2.14 | **Payment Terms :-** Quarterly in respective years at the end of the quarter. | Requesting IGDR team to relook on AMC payment terms & the same should be quarterly advance payment instead of end of quarter. | No Changes. |
| 70 | 94 | 4 | **Wireless Access Point – Indoor :-** Must support minimum 4X4:4 MU-MIMO on at least 5Ghz Band | Please amend as "Must support minimum 4X4:4 MU-MIMO on all Radio. AP support latest Wi-Fi 6E standard and should be future ready for 6 GHz radio" | No Changes. |
| 71 | 96 | 4 | **Wireless Access Point – Outdoor :-** Must support minimum 4X4:4 MU-MIMO on both bands. (2.4 and 5GHz) | Please amend as "Must support minimum 4X4:4 MU-MIMO on all Radio. AP support latest Wi-Fi 6E standard and should be future ready for 6 GHz radio" | No Changes.<br><br>Bidder can propose superior Solution. |

| 72 | 96 | 14 | **Wireless Access Point – Outdoor :-** Must be plenum rated (UL 2043) | UL2043 certification is valid for Indoor Access point while IP67 certification is valid for outdoor AP.  IP67 rated complaince is alredy asked in Clause no # 22. Hence please change this clause with some another certification which is valid from Government of India "All MTCTE certification issued by TEC as per norms of Goverment of India." | This clause stands deleted. |
|---|---|---|---|---|---|
| 73 | 96 | 10 | **Wireless Access Point – Outdoor :-** The AP should have four 2.4GHz omnidirectional antennas with 4 dBi peak gain and four 5GHz omnidirectional antennas should with 5.8 dBi peak gain OR better, Either Internal/External Omnidirectional Antennas. | Specific to vendor. Please amend the clasue as "The AP should have two Spatial Stream on 2.4GHz omnidirectional antennas with 3.2 dBi peak gain and Four Spatial Stream on 5GHz omnidirectional antennas should with 4.2 dBi peak gain or better." | No Changes. |
| 74 | 98 | 7 | **Wireless Cloud Base Controller  :-** The solution should support WIPS, Rouge AP detection and Honeypot AP detection. | Please amend as "The solution should support WIPS, Rouge AP detection and Honeypot AP detection or Detect rogue access points for SSID names that other access points advertise " | No Changes. |
| 75 | 98 | 11 | **Wireless Cloud Base Controller :-** The solution should have feature to manually enable wireless and wired capture on Apps. | Please clarify, is this application or Mobile APP. If it is application then it is specific to single Vendor (Wired application). | Kindly read it as :<br><br>The solution should have feature to manually enable wireless and wired capture on Access Point. |

| 76 | 100 | 7 | **POE (Power Over Ethernet) Access Switch.:-** The Switch should have Minimum 2GB DRAM and 2 GB internal Flash/ SSD. | Different OEM provide different size of RAM and Flash based on his supported architecure, firmware size and ASIC value etc. to provide full capacity performance. Extreme networks switches can deliver optimum perfromance with 1GB RAM and Flash but to deliver same performance other vendor may requried higher RAM and Flash size based on their architecture, OS, ASIC etc. Hence please amend as "The Switch should have Minimum 1 GB DRAM and 1 GB internal Flash/ SSD" to participate in this tender. | No Changes |
| --- | --- | --- | --- | --- | --- |
| 77 | 102 | 6 | **Non-POE Access Switch. :-** The Proposed Switch should have minimum 2 GB DRAM or more | Different OEM provide different size of RAM and Flash based on his supported architecure, firmware size and ASIC value etc. accordingly hence please amend as "The Proposed Switch should have minimum 1 GB DRAM or more" to participate in this tender. | No Changes. |

| 78 | 102 | 7 | **Non-POE Access Switch.:-** The Proposed Switch should have minimum 2 GB Flash or more | Different OEM provide different size of RAM and Flash based on his supported architecure, firmware size and ASIC value etc. accordingly hence please amend as "The Proposed Switch should have minimum 1 GB Flash or more" to participate in this tender. | No Changes |
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| 79 | 103 | 19 | **Non PoE Access Switch :-** The Proposed Switch Should Support Congestion avoidance capabilities: Tail drop/ Equivalent | Please amend as "The Proposed Switch Should Support Congestion avoidance capabilities: Tail drop/WRED/ Equivalent" | No Changes. |
| 80 | 103 | 20 | **Non PoE Access Switch :-** SNMP v1, v2, v3, RMON enabled, SSH, telnet, CLI and should have out of Band Management port | Please amend as "SNMP v1, v2, v3, RMON enabled, SSH, telnet, CLI and should have out of Band Management/Console port" | Kindly Read it as : SNMP v1, v2, v3, RMON enabled, SSH, telnet, CLI and should have out of Band Management/Console port |
| 81 | 103 | 21 | **Non-POE Access Switch.:-** The Proposed Switch Should preferably support features for Operational simplicity such as Rescue Configuration, Automated and manual Configuration rollback. | It is Specific to vendor, Please remove this clause to participate in tender. | Kindly read it as : The Proposed Switch Should preferably support features for Operational simplicity such as Rescue Configuration, Automated/Manual Configuration rollback. |

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| 82 | 103 | 23 | **Non-POE Access Switch.:-** The switch should comply with following safety certification<br>• UL-UL60950-1, C-UL to CAN/CSA 22.2 No.60950-1<br>• TUV/GS to EN 60950-1, Amendment A1-A4, A11<br>• CB-IEC60950-1, all country deviations<br>• EN 60825-1 OR Equivalent Indian Standard. | Most of the certification mention specific to vendor, Please make generic term with amend as below-<br>The switch should comply with following safety certification<br>• UL 60950-1, C-UL, CAN/CSA 22.2 No.60950-1<br>• EN 55032/EN55022, EN55035/EN55024<br>• CB-IEC60950-1, International<br>• EN 60825-1 OR Equivalent Indian Standard.<br>• MTCTE certification issued by TEC (Telecommunication Engineering Center) as per norms of Goverment of India. | Kindly Read it as :<br><br>The switch should comply with following safety certification<br>• UL-UL60950-1, C-UL to CAN/CSA 22.2 No.60950-1,<br>• TUV/GS to EN 60950-1, Amendment A1-A4, A11,<br>• CB-IEC60950-1, all country deviations<br>• EN 60825-1.<br><br>• Equivalent International /Indian Government Standard. |
| 83 | 19 | 2.14 | **Payment Terms(Payment Schedule):-**<br>1. Delivery of Hardware and respective Licenses, accessories etc. as per BOQ : 30% of the Total Cost | We propose 60% at the time of Delivery | No Changes. |
| 84 | | | **Payment Terms(Payment Schedule):-**<br>Installation,Comissioning and Testing : 60% of the Total Cost | We propose 30% after completion of Installation, Testing and Comissioning | No Changes |
| 85 | | | **Payment Terms(Payment Schedule):-**<br>After completion of 3-year warranty period(can be released against submission of Bank Guarantee) : 10% of the Total Cost | Agree | - |
| 86 | | | **Payment Terms(Payment Schedule):-**<br>AMC : Quaterly in respective years at the end of the quarter | Agree | - |

| 87 | 125 | 29 | If any additional AP's required to be installed during execution the bidder should provide at their own cost. No additional cost will be paid by institute. | We propose all the technical qualified bidder should do the site survey to identify exact count of require AP's and submitt the site survey report (Physical Survey and Heat Map) to IGIDR. We request IGIDR further to acknowledge the submitted site survey report and based on that we request IGIDR to provide ammendment in BOM for Additional AP's | No Changes. |
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| 88 | 75 | 45 | **Annexure N: Scope of Work:-** The successful vendor should evaluate the existing switch configuration and configure all the switches (old and new), including the core switch, as per the best practices for a secure and fast robust network, including Wi-Fi access. Necessary Access Control Lists (ACLs) should be defined in the network. OEM should have NAC (Network access control) solution for the proposed wired and wireless solutions to secure Network access. There will be around 200 users in camps. | Please Clarify ,Do We Need to Propose NAC Solution too in BOQ for 200 users? | Yes, You have to provide. |
| 89 | 96 | 14 | **Wireless Access Point – Outdoor :-** Must be plenum rated (UL 2043) | UL2043 certification is valid for Indoor Access point while IP67 certification is valid for outdoor AP.  IP67 rated complaince is alredy asked in Clause no # 22. Hence please change this clause with some another certification which is valid from Government of India "All MTCTE certification issued by TEC as per norms of Goverment of India." | This clause stands deleted. |

| 90 | 98 | 6 | **Wireless Cloud Base Controller:-** The solution should support Guest Portal from Day 1 with many Authentication Mechanisms including Google login, Facebook login, email-based Login, SMS /OTP based and sponsored Guest Access facility as well. Preferably SMS gateway should be provided by the bidder at least 1500 SMS per day and minimum guest users should be 500 | Most Common SMS Provider are Providing Cloud base gateway and SMS Packs are Available in Bulks. " Please amend this as SMS gateway should be provided by the bidder and should have SMS Pack of Bundle of 1 lakh Message and later on can be Purchased if SMS are Exhausted " | Kindly read it as: <br><br> The solution should support Guest Portal from Day 1 with many Authentication Mechanisms including Google login, Facebook login, email-based Login, SMS /OTP based and sponsored Guest Access facility as well. Preferably SMS gateway should be provided by the bidder for 1 Lakh lumpsum SMS package and minimum guest users should be 500 |
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| 91 | 102 | 6 | **Non-POE Access Switch. :-** The Proposed Switch should have minimum 2 GB DRAM or more | Different OEM provide different size of RAM and Flash based on his supported architecure, firmware size and ASIC value etc. accordingly hence please amend as "The Proposed Switch should have minimum 1 GB DRAM or more" to participate in this tender. | No Changes. |
| 92 | 112 | A.1 | **Annexure W Financial Bid:-** POE Access Switch:24 x 10/100/1000BaseT PoE+, 4x 10G SFP+ Uplink ports,each PSU. Having PoE budget of 740W, RPS | Please amend as POE Access Switch:24 x 10/100/1000BaseT PoE+, 4x 10G SFP+ Uplink ports, each PSU. Having PoE budget of 720W , RPS | No Changes. |
| 93 | 19 | 2.14 | **Payment Terms :-** Delivery of Hardware & respective Licenses, accessories etc. as per BOQ Vs 30% of the Total Cost. | Delivery of Hardware & respective Licenses, accessories etc. as per BOQ request you to change it to 70% of the Total Cost.Since we as a partner needs to pay to the respective OEM /Distributor demand in 30 days time | No Changes |
| 94 | 19 | 2.14 | **Payment Terms :-** Installation, Commissioning & Testing Vs 60% of the Total Cost. | Installation, Commissioning & Testing request you to change to 20% of the Total Cost after handover . | No Changes |

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| 95 | 19 | 2.14 | **Payment Terms :-** After completion of 3-year warranty period (can be released against submission of Bank Guarantee) Vs 10% of the total cost | Request you to change it to 10 % against success after 3 months of handover.Since We as a bidder are already given Performance security Deposit: 5% of the Contract Value | No Changes |
| 96 | 19 | 2.14 | **Payment Terms :-** AMC Vs Quarterly in respective years at the end of the quarter. | Request for Quarterly advance | No Changes |
| 97 | 87 | A.10 | **Passive Material Laying Service Including Redressing Details.** | Existing Racks would be used for mounting the Active & Passive components..(Is rack space available for the same) | Yes. |
| 98 | 87 | A.10 | **Passive Material Laying Service Including Redressing Details.** | BOM only mentions the Copper & Copper components & it does not mentions Backbone Fiber Cable(Am I supposed to use existing fiber cable-Is it OS2 or OS-1) | Fiber cable not in scope |
| 99 | 87 | A.10 | **Passive Material Laying Service Including Redressing Details.** | Outdoor Copper Cable is for Outdoor WIFI?HDPE pipe is supposed to be used for Outdoor Copper Cable? | Yes. |
| 100 | 73 | 12 | **Annexure N: Scope of Work :-** Before & After false ceiling / Road digging must be reinstated as it is. | Need Clarification | If successful bidder cut false ceiling OR digg road then it should be reinstated as it is. |
| 101 | 73 | 13 | **Annexure N: Scope of Work :-** After core cutting & hole on wall must be reinstated as it is. | | - |
| 102 | 73 | 28 | **Annexure N: Scope of Work :-** The proposed solution should be free from any kind of vulnerabilities | No VAPT, we'll be deploying best practices/configuration | No Changes. |

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| 103 | 74 | 33 | **Annexure N: Scope of Work :-** Bidder must configure the radius server on the Existing AD Server for AD Authentication integration if Wi-Fi solution does not directly support AD authentication & Pre-shared Key with the Wi-Fi SSID as per requirement. There should be pre- requisite stating that the Existing AD Virtual servers need to be provided by the end customer. The support of Radius services support in Bidder scope. (Pre-shared Key for required SSID & AD login Authentication for employees, Students & Staff group). Guest authentication should be provided from the cloud-based Guest portal with approval by the host or pre-approval methods. | Radius server & AD scope must be in customer's scope | Servers will be provided by IGIDR & Successful bidder has to do configuration. |
| 104 | 76 | 1.3 | **Annexure N: Scope of Work (The Bidder will be responsible for the following) :-** Physical movement of supplied hardware (Wi-Fi AP's, POE and NON-POE Switches, Core Switches Materials) from IT to DC & other Sections. | Customer must own this. BB representative will be present to identify the material. | No Changes |
| 105 | 76 | 1.5 | **Annexure N: Scope of Work (The Bidder will be responsible for the following) :-** Installation and power connectivity from industrial sockets and testing of required power rating. | Need clarity on this. | In Bidder Scope. |

| 106 | 15 | 2.10 | Project Delivery:- The Bidder has to complete the project within 12 weeks. This includes comprehensive project planning, resource mobilization, material delivery, installation and configuration of all components, cabling of additional AP, installation of Poles for the AP and delivery of other associated services, acceptance testing, and Project Sign Off. | Pls confirm whether 12 weeks from the issue of PO or post material delivery at site? | 12 weeks from date of issue of PO. |
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| 107 | 96 | 10 | Technical Specification / Requirement for Wireless Access Point – Outdoor :- The AP should have four 2.4GHz omnidirectional antennas with 4 dBi peak gain and four 5GHz omnidirectional antennas should with 5.8 dBi peak gain OR better, Either Internal/External Omnidirectional Antennas. | Request to change to " The AP should have 2.4GHz omnidirectional antennas with 4 dBi peak gain and 5GHz omnidirectional antennas should with 5.8 dBi peak gain OR better, Either Internal/External Omnidirectional Antennas." | No Changes. |
| 108 | 98 | 10 | Wireless Cloud Base Controller :- The solution should provide the client and network insights to auto troubleshoot issues with DHCP, DNS, Gateway/ARP, Radius etc. related issues. | The solution should provide the client and network insights to provide visibility into issues with DHCP, DNS, Gateway/ARP, Radius etc. related issues. | Kindly read it as : The solution should provide the client and network insights to auto/manual troubleshoot issues with DHCP, DNS, Gateway/ARP, Radius etc. related issues. |
| 109 | 100 | 8 | POE (Power Over Ethernet) Access Switch. :- 328 Gbps or higher Backplane capacity and minimum 244 Mpps of forwarding rate (Including Stacking bandwidth & forwarding) | Please change this to "128 Gbps or higher Backplane capacity and minimum 95Mpps of forwarding rate." | No Changes. This includes switching capacity along with stacking capacity of the switch. So bidder to include switch along with stacking capacity for this calculation. |

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