

HIGH COURT OF MADHYA PRADESH: JABALPUR

// CLARIFICATION - II //

No. Reg(IT)(SA)/2024/1009

Jabalpur, Dated:25.07.2024

Sub:- Second Clarifications /reply of pre-bid meeting dated: 13th June, 2024 regarding the “Supply, Installation of Local Area Networking work and other related work in the High Court and District Courts in the State of Madhya Pradesh” with reference to tender no. Reg(IT)(SA)/2024/831, dated: 30.05.2024.

Ref:- Pre-Bid Meeting dated: 13th June, 2024 & ref.no. Reg(IT)(SA)/2024/985 Jabalpur, Dated: 15.07.2024

In continuation to reply of pre-bid meeting dated 13th June, 2024 the following points are clarified as under:-

| Query No. | RFP Reference (Section No. /Page No.) | Content of RFP Requiring Clarifications | Query of the bidders / Remarks of the bidders | Reply / clarifications to the query /Remarks by the High Court. |
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| 1. M/s Arista.com | | | | |
| 1 | Specificati on-“D” 36 Specificati on-“E” 37 | Switch should support IPv6 Snooping, IPv6 RA Guard, IPv6 DHCP Guard or IPv6 lock down or ACL, IPv6 Neighbor Discovery Inspection and IPv6 Source Guard. | Switch should support, IPv6 RA Guard, IPv6 DHCP Guard or IPv6 lock down or ACL, IPv6 Neighbor Discovery Inspection and IPv6 Source Guard. IPv6 snooping is an OEM specific keyword therefore requesting to remove the same. | Yes changed to "Switch should support IPv6 Snooping or equivalent or better feature, IPv6 RA Guard, IPv6 DHCP Guard or IPv6 lock down or ACL, IPv6 Neighbor Discovery Inspection and IPv6 Source Guard". The vendor can quote higher side or equivalent. |
| 2 | Specificati on-“D” 36o Specificati on-“E” 37p | Switch shall conform to UL 60950 or IEC 60950 or CSA 60950 or EN 60950 Standards for Safety requirements of Information Technology Equipment. | Switch shall conform to UL 60950 or IEC 60950 or CSA 60950 or EN 60950 or EN 62368 Standards for Safety requirements of Information Technology Equipment. EN 62368 is more recent and broader safety standard than | Yes changed /allowed. |

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| | | | 60950 that is adopted by many OEMs instead of older 60950. So, Please allow EN 62368 as option for wider participation. | |
| 3 | Specification-“D” 36p | Switch shall conform to EN 55022 Class A/B or CISPR22. Switch shall conform to EN 55022 Class A/B or CISPR22 or EN 55032 | EN 55032 replaced the 55022 standard and has been adopted by multiple OEMs. It is therefore requested to allow EN 55032 for wider participation. | The vendor can quote higher side /higher version /higher standards. |
| 4 | Specification-“F” 38 f | IEEE 802.1Q VLAN Encapsulation. Up to 250 VLANs should be supported. Support for 4000 VLAN IDs. Centralized VLAN Management. VLANs created on the Core Switches should be propagated automatically. | IEEE 802.1Q VLAN Encapsulation. Up to 250 VLANs should be supported. Support for 4000 VLAN IDs. Requesting to modify the clause to remove proprietary features restricting participation. | The vendor can quote better /equivalent specifications like EVPN etc. for VLAN management. Rest as per tender document. |
| 5 | Specification-“F” 38 n | Multicast VLAN registration (MVR) to continuously send multicast streams in a multicast VLAN while isolating the streams from subscriber VLANs for bandwidth and security reasons. | Multicast VLAN registration (MVR) to continuously send multicast streams in a multicast VLAN while isolating the streams from subscriber VLANs for bandwidth and security reasons or should support PIM-SSM. PIM-SSM is most common mechanism to support multicast requirement in the network. It is therefore requested to allow the same. | Yes changed. |
| 6 | SPECIFICATIONS - Part – “A” (Access Point) | OEM Make - D-link/ CISCO / Netgear/Linksys/Dell /HP /Juniper | OEM Make - D-link/ CISCO / Netgear/Linksys /Dell /HP /Juniper /Arista. Please add Arista Make also for the Wireless access point. | Yes changed to OEM Make - D-link /CISCO /Netgear /Linksys /Dell /HP /Juniper /Arista or equivalent brand of repute. |
| 7 | New Clause | 1. Should have at least 1 x 100/1000/2500/5000 Mbps, 1 x 1000 Mbps interface RJ45 interface with LACP support. 2. AP should have dedicated hardware multi band 2x2 scanning radio capable of doing 24x7 WIPS, location tracking and active scanning. 3. AP should support on-demand client emulation for network assurance that can be scheduled without disturbing the connected clients using the third dual band radio. 4. AP should support automatic and on-demand wired and wireless packet capture using the third radio | Many of the critical features are missing from the Wireless Access Point specifications, which will impact the quality and security of the network infrastructure. It is therefore requested to add wireless access point specifications also. Most critical specifications are suggested here. | The vendor can quote higher or better specifications. |

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| | | <p>5. AP should support on-demand spectrum analysis, without hampering client traffic to identify non-wifi interferers.</p> <p>6. Proposed AP should support cellular interference mitigation (LTE, 3G Small cell and Femto cell)</p> <p>7. AP should provide detection and prevention of threats such as, but not limited to:</p> <ul style="list-style-type: none"> - Rogues APs - Authorized client connecting to Neighboring/External APs - Honeypot APs - AP Impersonation - Different DoS attacks such as Disassociation flood, Disassociation broadcast, RTS/CTS flood, EAPOL log off, Association flood etc <p>8. AP should be able to do detection as well as prevention from threats on all channels especially DFS channels</p> | | |
| 8 | New Clause – Specification – B to G | The device should support live patching | The feature allows high availability in the devices by allow the device to patched with any downtime. | Optional and on need basis. |
| 9 | New Clause – Specification – B to G | Switch should be provided with centralized & unified monitoring, provisioning and telemetry solution from the same OEM providing zero-touch-deployment, Switch realtime telemetry capture with time-series database view, traffic flow analytics, Switch alerts, configuration compliance, Switch PSIRT & BUG advisory, centralized patching & upgrade, underlay and overlay topology view, flow tracing over topology, Configuration change management, endpoint search, Switch hardware resource (TCAM, forwarding tables) utilization, View of MAC & ARP & Route tables, email and msg. notification, API integration, custom dashboards. Required appliance/hardware should be part of solution with in HA. | Considering that it is going to be a very large and distributed deployment, it is recommended to have centralized monitoring and management solution for simplified day-2 operations and fast problem resolution. | Switch should be provided with centralized & unified monitoring, provisioning and telemetry solution from the same OEM. Rest points as per RFP. |

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| 10 | page no. 31, Query no. 32 addition of new Clause | 12 Port PoE Network Switches (manageable) Specification. "Should support a stack of upto 8 members with minimum stacking bandwidth of 20Gbps" | Reason for Addition - Switches should support stacking for ease of management and reducing the number of uplinks to the aggregation and hence the fiber laid, reducing TCO. Clarification-1 - Yes Added. Query against Clarification - 1 reply - Instead of stacking multiple 12 port switch it is always better to deploy 24 or 48 port device in such cases, which will be more economical and also operationally simpler. Due to this fact, stacking is not generally built on such small switches. Therefore requesting to remove the clause for wider participation. | Optional. |
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Note:-

1. Rest of the points raised in the query has no change and already the details are mentioned in clarifications published vide no. Reg(IT)(SA)/2024/985 Jabalpur, Dated:15.07.2024 regarding the tender for "Supply, Installation of Local Area Networking work and other related work in the High Court and District Courts in the State of Madhya Pradesh".
2. The specifications mentioned in the tender document are minimum and the bidder can quote higher side or equivalent specifications meeting out the requirement of the High Court.
3. The last date for online tender submission is hereby extended till 07th August, 2024 by 6:00 P.M. (mandatory), hard copy submission is to be made by 08th August, 2024 by 5:00 P.M. (mandatory) and online technical bid opening will take place on 09th August, 2024 at 11:30 A.M.

Sd/-
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