

HIGH COURT OF MADHYA PRADESH: JABALPUR

// CLARIFICATION //

No. Reg(IT)(SA)/2019/925

Jabalpur, Dated:27/06/2019

Subject:- The matter regarding to publish the clarification / reply of Pre-Bid meeting dated: 18th June, 2019 regarding the tender for the installation of Local Area Networking work and other related work at the High Court of Madhya Pradesh and Subordinate Courts (District Court and Tehsil Courts) in the State of Madhya Pradesh with reference to the tender no. Reg(IT)(SA)/2019/689, Dated:14.05.2019.

Ref: - Pre-Bid Meeting Dated: 18th June, 2019.

Reply / clarification to the pre-bid queries

Query No.	Page No. & Clause No.	Description	Query of the bidder / remarks of the bidder	Reply / clarifications by the High Court
1	20 / 50 8 port Network Switches	D-link / CISCO	Kindly add other brand also for participation. CISCO / Dell / Dlink	Yes Changed. CISCO / Dell / D-link or equivalent brand of repute
2	20 / 50g 8 port Network Switches	Should be under Metal housing	8 port switch will be in suitable housing as per certified organization, Kindly remove metal housing as its very specific and will not add any technical benefit in the Switch functioning. Kindly remove this clause for all mentioned OEM's to participate.	Yes Changed.
3	21 /51A	Switch OEM should be in the Gartner's Leaders or Challengers or visionary quadrant for Wired and Wireless LAN Access Infrastructure published in 2017 or later	Kindly allow Data center networking Gartner report also as it will only allow enhance products and OEM to comply. "Switch OEM should be in the Gartner's Leaders or Challengers or visionary quadrant for Wired and Wireless LAN Access Infrastructure or data center networking published in 2017 or later"	Yes Changed to Switch OEM should be in the Gartner's Leaders or Challengers or visionary quadrant for Wired and Wireless LAN Access Infrastructure or data center networking published in 2017

				or later.
4	21 / 51B	Switch should be 1RU with minimum 24 nos. 10/100/1000 Base-T ports with PoE+ capability and minimum 370W of PoE Power and additional 4 nos. SFP uplinks ports	All OEM's provide 10Gig uplink in their latest Switch Models. Kindly modify the clause for switch to support 10Gig uplinks for current as well as future requirement. "Switch should be 1RU with minimum 24 nos. 10/100/1000 Base-T ports with PoE+ capability and minimum 370W of PoE Power and additional 4 nos. SFP+ uplinks ports."	Yes change. Switch should be 1RU with minimum 24 nos. 10/100/1000 Base-T ports with PoE+ capability and minimum 370W of PoE Power and additional 4 nos. SFP+ uplinks ports
5	21 / 51E	Switch should have internal power supply. Should support external/inter nal redundant power supply.	For POE switches internal redundant power supply feature is important as devices depending on power coming from switch. Internal RPS will make sure power and switch operation to various POE devices in network within 1U and in a single Chassis. "Switch should have internal power supply. Should have internal redundant power supply."	Yes changed to "Switch should have internal power supply. Should have internal redundant power supply from day one."
6	21 / 51O	Switch should support application visibility and traffic monitoring with minimum 12 K netFlow/sflow /jflow entries	Asked 12K figure is very specific to OEM. Kindly asked for SFLOW/ Jflow/Netflow feature from day one. "Switch should support application visibility and traffic monitoring with netFlow/sflow/jflow entries."	Yes changed to "Switch should support application visibility and traffic monitoring with netFlow/sflow/jflow entries."
7	22 / 52A	Switch OEM should be in the Gartner's Leaders or Challengers or visionary quadrant for Wired and Wireless LAN Access Infrastructure	Kindly allow Data center networking Gartner report also as it will only allow enhance products and OEM to comply. "Switch OEM should be in the Gartner's Leaders or Challengers or visionary quadrant for Wired and Wireless LAN Access	Yes changed to "Switch OEM should be in the Gartner's Leaders or Challengers or visionary quadrant for Wired and Wireless LAN Access

		published in 2017 or later	Infrastructure or data center networking published in 2017 or later"	Infrastructure or data center networking published in 2017 or later"
8	22 / 52B	Switch should be 1RU with minimum 24 nos. 10/100/1000 Base-T ports and additional 4 nos. SFP uplinks ports.	All OEM's provide 10Gig uplink in their latest Switch Models. Kindly modify the clause for switch to support 10Gig uplinks for current as well as future requirement. "Switch should be 1RU with minimum 24 nos. 10/100/1000 Base-T ports and additional 4 nos. SFP+ uplinks ports."	Yes changed to "Switch should be 1RU with minimum 24 nos. 10/100/1000 Base-T ports and additional 4 nos. SFP+ uplinks ports".
9	22 / 52E	Switch should have internal power supply. Should support external/internal redundant power supply.	Internal RPS will make sure power and switch operation while power fluctuation in network within 1U and in a single chassis. . "Switch should have internal power supply. Should have internal redundant power supply."	No change. (Quote as per tender document)
10	23 / 52O	Switch should support application visibility and traffic monitoring with minimum 12 K netFlow/sflow /jflow entries	Asked 12K figure is very specific to OEM. Kindly asked for SFLOW/ Jflow/Netflow feature from day one. "Switch should support application visibility and traffic monitoring with netFlow/sflow/jflow entries."	Yes changed to "Switch should support application visibility and traffic monitoring with netFlow/sflow/jflow entries"
11	23 / 53A	Switch OEM should be in the Gartner's Leaders or Challengers or visionary quadrant for Wired and Wireless LAN Access Infrastructure published in 2017 or later	Kindly allow Data center networking gartner report also as it will only allow enhance products and OEM to comply. "Switch OEM should be in the Gartner's Leaders or Challengers or visionary quadrant for Wired and Wireless LAN Access Infrastructure or data center networking published in 2017 or later"	Yes changed to "Switch OEM should be in the Gartner's Leaders or Challengers or visionary quadrant for Wired and Wireless LAN Access Infrastructure or data center networking

				published in 2017 or later”
12	23 / 53B	The switch should have minimum 24 x 10/100 Mbps Ethernet Ports and 2 dual-purpose port (10/100/1000 or SFP). Switch should have fans for proper cooling.	24 x 10/100 port switch is not developed and R&D now. It's a older architecture which might be used by few SMB grade products. Kindly make it 1 Gig switch to provide level playing for all OEM's. All OEM's provide 10Gig uplink in their latest Switch Models. Kindly modify the clause for switch to support 10Gig uplinks for current as well as future requirement. "The switch should have minimum 24 x 10/100/1000 Mbps Ethernet Ports and 2 dual-purpose port (10/100/1000 or SFP+). Switch should have fans for proper cooling."	Yes changed to “The switch should have minimum 24 x 10/100/1000 Mbps Ethernet Ports and 2 dual-purpose port (10/100/1000 or SFP). Switch should have fans for proper cooling”
13	23 / 53E	DRAM : 128MB & Flash : 64MB	All new switch comes with more flash and RAM due to SDN support. Kindly modify clause for SDN ready switches. DRAM : 1GB & Flash : 1GB	Yes changed to “DRAM : 1GB & Flash : 1GB”
14	25 / 54A	Switch OEM should be in the Gartner's Leaders or Challengers or visionary quadrant for Wired and Wireless LAN Access Infrastructure published in 2017 or later	Kindly allow Data center networking gartner report also as it will only allow enhance products and OEM to comply. "Switch OEM should be in the Gartner's Leaders or Challengers or visionary quadrant for Wired and Wireless LAN Access Infrastructure or data center networking published in 2017 or later"	Yes changed to “Switch OEM should be in the Gartner's Leaders or Challengers or visionary quadrant for Wired and Wireless LAN Access Infrastructure or data center networking published in 2017 or later”
15		The switch should have minimum 24 x 10/100 Mbps	24 x 10/100 port switch is not developed and R&D now. It's a older architecture which might be used by few SMB	Yes changed to “The switch should have minimum 24 x 10/100/1000 Mbps Ethernet

	25 / 54B	Ethernet IEEE 802.3af Ports and 2 dual-purpose port (10/100/1000 or SFP). Minimum 370W of PoE Power. Should have fans for proper cooling	grade products. Kindly make it 1 Gig switch to provide level playing for all OEM's. All OEM's provide 10Gig uplink in their latest Switch Models. Kindly modify the clause for switch to support 10Gig uplinks for current as well as future requirement. "The switch should have minimum 24 x 10/100/1000 Mbps Ethernet IEEE 802.3af Ports and 2 dual-purpose port (10/100/1000 or SFP). Minimum 370W of PoE Power. Should have fans for proper cooling."	IEEE 802.3af Ports and 2 dual-purpose port (10/100/1000 or SFP). Minimum 370W of PoE Power. Should have fans for proper cooling"
16	25 / 54E	DRAM : 128MB & Flash : 64MB	All new switch comes with more flash and RAM due to SDN support. Kindly modify clause for SDN ready switches. DRAM : 1GB & Flash : 1GB	Yes changed to DRAM : 1GB & Flash : 1GB
17	26 / 55	Indoor Access Point for Wireless Network With all required accessories. (The requirement is of controller based access points for wireless network with all required accessories.) B	The requirement is of controller based or Cloud based access points for wireless network with all required accessories and licenses. D-link/ CISCO / Dell / HP / Juniper/Aerohive/Ruckus	Yes changed to D-link/ CISCO / Dell / HP / Juniper/Aerohive/ Ruckus or equivalent brand of repute. No requirement of Cloud based access point. Kindly treat this as deleted from BOM.
18	26 / 55B	Should have one RJ-45 auto-sensing 10/100/1000 Mbps LAN port and a RJ-45 console port	AP should have 2 x 1gig ports to accommodate 1.9Gbps data towards switch. "Should have Two RJ-45 auto-sensing 10/100/1000 Mbps LAN port and a RJ-45 console port"	No change
19		Must support	The transmit power is	No change

	26 / 55 h	minimum of 22dbm of transmit power in both 2.4Ghz and 5Ghz radios. And should follow the WPC norms.	20dBm and its as per the local regulatory (WPC) on the power regulation. Kindly make changes for participation "Must support minimum of 20dbm of transmit power in both 2.4Ghz and 5Ghz radios. And should follow the WPC norms."	
20	-	New clause / 12 port Aggregation Switch	Kindly add specification of Aggregation switch which will require to connect all the switches in Court Premises. 12 port 10G SFP+ and 2, 40G uplink ports populated with SM fiber Switch should have 64K MAC and 4GB RAM. Switch should have Redundant power supply and multiple FANS. Switch should have LAYER 3 features RIP, OSPF, BGP, VRRP, PBR from day one. Switch should have CLI, TELNET, SNMPv3, RMON capability.	Yes added with following specifications. "Switch OEM should be in the Gartner's Leaders or Challengers or visionary quadrant for Wired and Wireless LAN Access Infrastructure or data center networking published in 2017 or later". 12 port 10G SFP+ and 2 or 4, 10G uplink ports populated with SM fiber Switch should have 32K MAC and 4GB RAM. Switch should have Redundant power supply and multiple FANS. Switch should have LAYER 3 features RIP, OSPF, BGP, VRRP, PBR from day one. Switch should have CLI, TELNET, SNMPv3, RMON capability
21		New clause / 24 port Aggregation	Kindly add specification of Aggregation switch which will require connecting all	Yes added with following specifications.

	-	Switch	<p>the switches in Court Premises.</p> <p>24 port 10G SFP+ and 2 x 40G uplink ports populated with SM fiber</p> <p>Switch should have 64K MAC and 4GB RAM.</p> <p>Switch should have Redundant power supply and multiple FANS.</p> <p>Switch should have Layer 3 features RIP, OSPF, BGP, VRRP, PBR from day one.</p> <p>Switch should have CLI, TELNET, SNMPv3, RMON capability.</p>	<p>"Switch OEM should be in the Gartner's Leaders or Challengers or visionary quadrant for Wired and Wireless LAN Access Infrastructure or data center networking published in 2017 or later".</p> <p>24 port 10G SFP+ and 2 x 40G uplink ports populated with SM fiber</p> <p>Switch should have 32K MAC and 4GB RAM.</p> <p>Switch should have Redundant power supply and multiple FANS.</p> <p>Switch should have Layer 3 features RIP, OSPF, BGP, VRRP, PBR from day one.</p> <p>Switch should have CLI, TELNET, SNMPv3, RMON capability</p>
22	27	<p>Note:-1.* The network switches to be compatible with the existing LAN infrastructure of the High Court and District Courts.</p> <p>2. All the quoted products make and</p>	<p>The network switches will be compatible with existing switches on open/Standard protocols. Kindly modify the clause as" Note:-1.* The network switches to be compatible with the existing LAN infrastructure of the High Court and District Courts on IEEE standard protocols.</p> <p>2. All the quoted products make and model shall be finalized by the committee of the High Court.</p>	<p>Yes changed that</p> <p>1. The network switches to be compatible with the existing LAN infrastructure of the High Court and District Courts on IEEE standard protocols.</p> <p>2. All the quoted products make and model shall be finalized by the committee of the High Court.</p>

		model shall be finalized by the committee of the High Court.	3. All quoted switches should have minimum 1GB RAM and 1GB flash to support SDN functionality in future. 4. Products from OEMs having its origin place of incorporation as China & Republic of China (ROC) are not allowed to participate. SIs are not allowed to propose any products/equipment/items/solutions from any such OEMs; the same shall be liable for rejection of bid."	3. All quoted switches (Except 8port switch) should have minimum 1GB RAM and 1GB flash.
23	Pt. No. 08	Specifications , Page No. 12	Faceplate and Information outlet is mentioned in the Item list, but I/O Box is not mentioned in the item list please include	Yes included
24	Pt. No. 05	Specification, Pg. No. 12	Multi Mode is an obsolete technology and lower in transmission rate. Moreover it is higher in cost. Recommended to use Single Mode Fiber cable.	Yes accepted
25	Pt. No. 17,	Specification, Pg. No. 16	LIU Wall mount prices should also be included in the item list as the older RACKS are smaller in size and it becomes difficult to mount the RACK mount LIU in the old RACKS	Yes accepted
26	Pt. No. 41,42,43,	Specification, Pg. No. 18	19" Rack, wall Mount 800 mm depth, 24 U Height, (lockable) with all accessories(At least 2 cooling fan,1 cable manager, 15A 6port spike guard)	Yes accepted
27	Pt. No. (j) of eligibility criteria, Pg. No. 10	-	High Court should be able to log the call with the OEM directly online/offline for the active component. Support should be provided by the OEM directly onsite for the replacement of active component for the period of 5 years	Yes accepted

28	-	-	We understand that for ease of management "All the managed switches should be from same OEM" Kindly inform?	All the managed switches should be from same OEM
29	-	51. *24 port Ethernet managed enterprise series switch with all accessories and Power over Ethernet (PoE) The requirement is of controller based access points for wireless network with all required accessories as per Specification-"B". OEM Make/Part No. : CISCO / Dell / HP / Juniper	Change Request : *24 port Ethernet managed enterprise series switch with all accessories and Power over Ethernet (PoE) The requirement is of controller based access points for wireless network with all required accessories as per Specification-"B". OEM Make/Part No. : CISCO / HP / Juniper	N.A.
30	-	52. *24 port Ethernet managed enterprise series switch with all accessories. (The requirement is of controller based access points for wireless network with all required accessories as per Specification-"C".) OEM Make/Part No. : CISCO / Dell / HP / Juniper	Change Request : 52. *24 port Ethernet managed enterprise series switch with all accessories. (The requirement is of controller based access points for wireless network with all required accessories as per Specification-"C".) OEM Make/Part No. : CISCO / HP / Juniper	N.A.
31	-	53. *24 port Ethernet managed enterprise series switch with all	Change Request : 53. *24 port Ethernet managed enterprise series switch with all accessories. (The requirement is of	N.A.

		accessories. (The requirement is of controller based access points for wireless network with all required accessories as per Specification-“D”.) OEM Make/Part No. : CISCO / Dell / HP / Juniper	controller based access points for wireless network with all required accessories as per Specification-“D”.) OEM Make/Part No. : CISCO / HP / Juniper	
32	-	54. *24 port Ethernet managed enterprise series switch with all accessories. (The requirement is of controller based access points for wireless network with all required accessories as per Specification-“E”.) OEM Make/Part No. : CISCO / Dell / HP / Juniper	Change Request : 54. *24 port Ethernet managed enterprise series switch with all accessories. (The requirement is of controller based access points for wireless network with all required accessories as per Specification-“E”.) OEM Make/Part No. : CISCO / HP / Juniper	N.A.
33	-	55. Indoor Access Point for Wireless Network With all required accessories. The requirement is of controller based access points for wireless network with all required accessories as per Specification-“F”.) OEM Make/Part	Change Request : 55. Indoor Access Point for Wireless Network With all required accessories. The requirement is of controller based access points for wireless network with all required accessories as per Specification-“F”.) OEM Make/Part No. : CISCO / HP / Juniper	N.A.

		No. : CISCO / Dell / HP / Juniper		
34	-	56. *SFP modules of SM (The requirement is of controller based access points for wireless network with all required accessories.) Should support both SM and MM fiber at minimum 1 GBPS. Should be same OEM as item no. 51 to 54 OEM Make/Part No. : CISCO / Dell / HP / Juniper	Change Request : *SFP modules of SM (The requirement is of controller based access points for wireless network with all required accessories.) Should support both SM and MM fiber at minimum 1 GBPS. Should be same OEM as item no. 51 to 54 OEM Make/Part No. : CISCO / HP / Juniper	N.A.
35	-	OEM Make/Part No. : D-link / CISCO	OEM Make/Part No. : CISCO / Juniper	N.A.
36	-	8 port Network Switches (Nonmanageable) The requirement is of controller based access points for wireless network with all required accessories.	Change Request : 8 port Network Switches (manageable) The requirement is of controller based access points for wireless network with all required accessories.	Yes changed
37	Page 21 / Item no. 50 / "Specification –A"	Support Entries In The MAC Table 2000	Change Request : Support Entries In The MAC Table 8000	Yes changed
38	Page 21 / Item no. 50 / "Specification –A"	Minimum Switching Capacity 1.6Gbps	Change Request : Minimum Switching Capacity 8 Gbps	Yes changed.
39	Page 21 / Item no. 50 / "Specifica	Minimum Forwarding capacity 1.4 Mbps	Change Request : Minimum Forwarding capacity 11.9 Mpps.	No change.

	tion –A”			
40		Additional Queries	Switch should be tested and certified for EAL/NDPP or above under Common Criteria Certification.	Yes accepted
41	-	Additional Queries	Switch should be IPv6 ready / logo ready Certified.	Yes accepted
42	-	CISCO / Dell / HP / Juniper	Change Request: OEM Make/Part No. : CISCO / HP / Juniper	N.A.
43	-	Switch OEM should be in the Gartner’s Leaders or Challengers or visionary quadrant for Wired and Wireless LAN Access Infrastructure published in 2017 or later	Change Request : Switch OEM should be in Gartner’s Leaders or Challengers quadrant for Wired and Wireless LAN Access Infrastructure published for consecutive 3 years"	No change
44	-	The switch should have minimum 24 x 10/100 Mbps Ethernet Ports and 2 dual-purpose port (10/100/1000 or SFP). Switch should have fans for proper cooling.	Change Request : The switch should have minimum 24 x 10/100/1000 Mbps Ethernet Ports and 2 SFP port (10/100/1000 or SFP). Switch should have fan or fanless design for proper cooling.	Yes accepted
45	-	Should have one RJ-45 auto-sensing 10/100/1000 Mbps LAN port and a RJ-45 console port	Change Request : Should have one RJ-45 auto-sensing 10/100/1000 Mbps LAN port and additional LAN port and a RJ-45 console port	No change
46	-	1.9 Gbps to 1 Gbps	Change Request : 1.9 Gbps	Minimum 1Gbps or better
47	-	Additional Queries	Access Point should be wifi certified	Yes accepted
48	21	Specification –“B”, Point 50 l	Please change the clause to " Switch should support IPv6 Snooping, IPv6 RA Guard, IPv6 DHCP Guard, IPv6 Neighbour Discovery Inspection and IPv6 Source Guard	Yes accepted

49	22	Specification –“B”, Point 51 r	Please change the clause to " Switch should be tested and certified for EAL/NDPP or above under Common Criteria Certification or should be DISA certified	No change
50	Page 22	Specification –“B”, Point 51 s	Please change the clause to " Switch should be IPv6 logo ready certified / IPv6 ready from Day 1	Yes changed.
51	Page 23	Specification C Point 52 I	Please change the clause to " Switch should support IPv6 Snooping, IPv6 RA Guard, IPv6 DHCP Guard, IPv6 Neighbour Discovery Inspection and IPv6 Source Guard.	Yes accepted
52	Page 23	Specification –“D”, Point 53 b	Please change the clause to " The switch should have minimum 24 x 10/100/1000 Mbps Ethernet Ports and 2 SFP Ports. Switch should have fans for proper cooling	Yes changed
53	Page 25	Specification –“E”, Point 54 b	Please change the clause to " The switch should have minimum 24 x 10/100/1000 Mbps Ethernet IEEE 802.3af Ports and 2 SFP Ports. Minimum 370W of PoE Power. Should have fans for proper cooling.	Yes changed
54	Page 10	Section- Eligibility Criteria, Point - ii) Sub-Point – L	It should be " The valid ISO 9001 certificate of the bidder in the field LAN and Network/Network Security/System Integrator and other elite services"	No change

New items / BOM added:

Sr. No.	Item Description	OEM Make/Part No.	Proposed make/brand by the bidder	Technically Complied Yes/No
1	Stacking module with stacking cable. Should be same OEM as item no. 51 to 54	Should be same OEM as item no. 51 to 54		
2	10G SFP module (should support single or multi mode) should be same OEM as item no. 51 to 54	should be same OEM as item no. 51 to 54		
3	40G SFP module (single mode) should be same OEM as item no. 51 to 54	should be same OEM as item no. 51 to 54		
4	40G SFP module	should be		

	(multi mode) should be same OEM as item no. 51 to 54	same OEM as item no. 51 to 54		
5	<p>Network Switch (12 port 10G SFP+ and 2 or 4, 10G uplink ports populated with SM fiber</p> <p>.Switch OEM should be in the Gartner's Leaders or Challengers or visionary quadrant for Wired and Wireless LAN Access Infrastructure or data center networking published in 2017 or later".</p> <p>Switch should have 32K MAC and 4GB RAM.</p> <p>Switch should have Redundant power supply and multiple FANS.</p> <p>Switch should have LAYER 3 features RIP, OSPF, BGP, VRRP, PBR from day one.</p> <p>Switch should have CLI, TELNET, SNMPv3, RMON capability</p>	CISCO / Dell / HP / Juniper or equivalent brand of repute		
6	<p>Network Switch (Switch OEM should be in the Gartner's Leaders or Challengers or visionary quadrant for Wired and Wireless LAN Access Infrastructure or data center networking published in 2017 or later".</p> <p>24 port 10G SFP+ and 2 x 40G uplink ports populated with SM fiber</p> <p>Switch should have 32K MAC and 4GB RAM.</p> <p>Switch should have Redundant power</p>	CISCO / Dell / HP / Juniper or equivalent brand of repute		

	supply and multiple FANS. Switch should have Layer 3 features RIP, OSPF, BGP, VRRP, PBR from day one. Switch should have CLI, TELNET, SNMPv3, RMON capability)			
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Note:-

1. The content / line mentioned from point no. 50 to 54 i.e. “***The requirement is of controller based access points for wireless network with all required accessories.***” The content is to be deleted since, it is wrongly typed.
2. The specifications mentioned in tender document are minimum and the vendor may quote higher specifications items.
3. The network switches should have proper fans for cooling or should have fanless design for proper cooling.
4. All the pages of the bids and Annexure’s are to be sealed and signed by the authorized officers of the company / vendor.
5. The bidder has to quote only 01 product of single make / brand at a time and not multiple brands for same item.
6. The Original equipment manufacturer (OEM) may authorize more than one partner for participation in the bid.
7. **Back-to-Back support letter is to be submitted by OEM regarding support of the quoted products.**
8. The Registrar General, High Court of Madhya Pradesh has full rights to accept or reject any bid, without assigning any reason.
9. The Registrar General, High Court of Madhya Pradesh have right to alter the scope of work as per the requirement.
10. All Prospective bidders are requested to submit the bid with all relevant documents and product brochures / catalogues.
11. The above clarifications / addendum are for all the prospective bidders’ for tender reference and necessary action.
12. On introduction of new levy / taxes / duties the rate / price of items shall be change in same proportionate.

**Sd/-
REGISTRAR GENERAL**