

## FORMAT B.1

Format for Technical Pre-Bid Queries

Tender TPSODL/OT/202

0-21/025

Package Rate Contract of SITC of Spine and Leaf Switch for Data center

Note : The said format to be used only for Technical Pre-Bid Query. Any Commercial Query has to be strictly in Format B2 Format for Commercial Pre-Bid Query and sent seperately

Format to be used for query regarding Technical Pre-Qualification Requirement, Safety Pre-Qualification Requirement, Technical Set of Documnt

Pre-Bid Query has to be sent in editable Excel file fomat only

Pre-Bid Query has to be sent through e-mail in TPSODL E-Tender System

Sr. No.	Detailed Reference to TPSODL Technical Document. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Justification from BA	TPSODL Response
1	2.2	The Switch should have thirty two (32x40/100) QSFP28 ports from day one. The 100G ports should be breakout capable and support mulirate speeds of 10/25/40/100G	Please change this cluse to "The 100G ports should be breakout capable and support mulirate speeds of 10G or 40G or 100G"  Multirate transceivers are not having any IEEE standard.		As per RFP. All OEM's Enterprise switch has the feature
2	2.6	Solution should support Non-Clos,3-Clos , 5-Clos architecture on BGP-EVPN IP Fabric	Please change this clause to "Solution should support Non Clos or Clos architecture on BGP-EVPN IP Fabric"  For BGP-EVPN fabric CLOS architecture will be form for lossless connectivity.		Ok
3	3.3	CPU Memory : 16 GB or more RAM and 64 GB or more SSD	Please change this Clause to "CPU Memory : 8GB or more RAM and 1GB flash or SSD  Since switches are ASIC based, RAM and Flash and non-consequential for performance. Gbps performance is more relevant than System Memory. Our switch network operating system don't have layered software designed ,so we have made a light kernel with all features built in it. The other OEMs have created layered software and to run the added features, they required higher RAM and Flash to deliver the required performance.		As per RFP. All OEM's Enterprise switch has the feature
4	7.1b	Switch should be capable to use flows from analytics platform to provide security against DDOS mitigation (Additional hardware/software can be quoted to complete the solution)	Please remove this point, This is OEM specific  This feature is supported by specific OEM		ok
5	7.1c	Solution should support performance management and analytics capability for applications such as Wireshark, Perfsonar, Docker, TCP Dump, Arpsponge etc with On box functionality or External Server to be supplied by OEM.	Please remove this point, This is OEM specific  This feature is supported by specific OEM		ok
6	7.2h	gRPC Streaming protocol	Please modify this clause to gRPC/ERSPAN  Google Remote Procedure Call (gRPC) or Encapsulated Remote Switch Port Analyzer (ERSPAN) protocol will be required for Inband Telemetry (INT)		ok
7	7.2i	REST API with YANG data model	Please modify this clause to REST API/Netconf with YANG data model  Network Configuration Protocol (NETCONF) is an XML-based network management protocol to provides programmable mechanisms to manage and configure network devices		ok

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8	7.3e	Random Early Discard	Please modify this clause to Random Early Discard/WRED  WRED is an extension of RED that allows you to assign different RED drop thresholds to each color of traffic		ok
9	7.3h	Strict Priority (SP), Deficit Weighted Round- Robin (DWRR)	Please modify this clause to "Deficit Weighted Round- Robin (DWRR) or SP+WDRR"  WDRR schedules packets based on the packet length and used in Datacenter technology		ok
10	2.2	The Switch should have forty Eight ( 48x1/10/25G SFP28) and 8x 40/100G QSFP28 ports from day one. The 100G ports should be breakout capable and support mulirate speeds of 10/25/40/100G	Please change this cluse to The 100G ports should be breakout capable and support mulirate speeds of 10G or 25G or 40G or 100G  Multirate transceivers are not having any IEEE standard.		As per RFP. All OEM's Enterprise switch has the feature
11	2.6	Solution should support Non-Clos,3-Clos , 5-Clos architecture on BGP-EVPN IP Fabric	Please change this clause to "Solution should support Non Clos or Clos architecture on BGP-EVPN IP Fabric"  For BGP-EVPN fabric CLOS architecture will be form for lossless connectivity.		ok
12	3.3	CPU Memory : 16 GB or more RAM and 64 GB or more SSD	Please change this Clause to "CPU Memory : 8GB or more RAM and 1GB flash or SSD  Since switches are ASIC based, RAM and Flash and non-consequential for performance. Gbps performance is more relevant than System Memory. Our switch network operating system don't have layered software designed ,so we have made a light kernel with all features built in it. The other OEMs have created layered software and to run the added features, they required higher RAM and Flash to deliver the required performance.		As per RFP. All OEM's Enterprise switch has the feature
13	7.1b	Switch should be capable to use flows from analytics platform to provide security against DDOS mitigation (Additional hardware/software can be quoted to complete the solution)	Please remove this point, This is OEM specific  This feature is supported by specific OEM		ok
14	7.1c	Solution should support performance management and analytics capability for applications such as Wireshark, Perfsonar, Docker, TCP Dump, Arpsponge etc with On box functionality or External Server to be supplied by OEM.	Please remove this point, This is OEM specific  This feature is supported by specific OEM		ok
15	7.2h	gRPC Streaming protocol	Please modify this clause to gRPC/ERSPAN  Google Remote Procedure Call (gRPC) or Encapsulated Remote Switch Port Analyzer (ERSPAN) protocol will be required for Inband Telemetry (INT)		ok
16	7.2i	REST API with YANG data model	Please modify this clause to REST API/Netconf with YANG data model  Network Configuration Protocol (NETCONF) is an XML-based network management protocol to provides programmable mechanisms to manage and configure network devices		ok
17	7.3e	Random Early Discard	Please modify this clause to Random Early Discard/WRED  WRED is an extension of RED that allows you to assign different RED drop thresholds to each color of traffic		ok

Sr. No.	Detailed Reference to TPSODL Technical Document. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Justification from BA	TPSODL Response
18	7.4h	Strict Priority (SP), Deficit Weighted Round- Robin (DWRR)	Please modify this clause to "Deficit Weighted Round- Robin (DWRR) or SP+WDRR"  WDRR schedules packets based on the packet length and used in Datacenter technology		ok
19	2.2	The Access Switch should have twenty four (24) 1GbE RJ45 ports and Eight (8) 1GbE SFP Slots.	The Access Switch should have twenty four (24) 1GbE RJ45 ports and four (4) 1GbE SFP or 2x 10G SFP+ Slots.  24 port plus 4x 1G port or 2x 10G SFP+ port is the standard port option available with most of the OEM.		with 24 1G BASE-T, 4 SFP combo, 4 1GbE includes Ethernet SFP module
20	4.1	Should support 4K VLANs with 4K VLAN IDs	Should support 2K VLANs with 4K VLAN IDs  For Access switch deployment, 2K simultaneous VLANs will be sufficient		ok
21	5.1	Should support IEEE standards:-IEEE 802.3ab,IEEE 802.3ae,IEEE 802.1ba,IEEE 802.3ad,IEEE 802.1AB,IEEE 802.1v,802.1Q,IEEE 802.1ag and IEEE 802.3ah	Please remove 802.3ae, IEEE 802.1ag and IEEE 802.3ah  MACsec encryption is required when two sites are connected on service provider P2P link. This is not required in secure campus network. IEEE 802.1AE MACsec encryption is required when two sites are connected on service provider P2P link. This is not required in campus network. MACsec only operates on layer 2, so it can only protect a single LAN, and offers no protection when traffic is routed. This single LAN can be a physical LAN, or a virtual LAN, such as those provided by overlay network technologies like VXLAN, GENEVE, etc. MACsec also cannot protect against malicious layer 3 traffic coming from a different network interface, on a machine connected to multiple LANs. For example, attacks that rely on forcing traffic to leave from other interfaces, using ARP spoofing or IP redirects, cannot be prevented using MACsec alone. As always with security-related matters, careful configuration is necessary to eliminate flaws that lead to a weakening of the entire setup. IEEE 802.1ag and IEEE 802.3ah feature is required in service provider network not on enterprise grade network,		Should support IEEE standards:-IEEE 802.3ab,IEEE 802.1ba,IEEE 802.3ad,IEEE 802.1AB,IEEE 802.1v,802.1Q,
22	6.3	Should support ACLs , XML Api and Application telemetry	Please remove Application telemetry Should support ACLs , XML Api/ REST AP and  Application telemetry is required at core switch not on the access switch. RSET API is standard automation tool supported by most of the OEMs		Should support ACLs , XML Api /Rest API or Application telemetry
23	14	Must support features to interact with 3rd party network security devices to provide automated response to security events and thus remediating real time threats	Please change this clause to "Must support features to interact with 3rd party network security devices "  security events and thus remediating real time threats is firewall related feature		Must support features to interact with 3rd party network security devices
24	18	Must provide the ability to track device attributes such as serial number, firmware version, CPU type, and memory.	Please modify this clause to Must provide the ability to track device attributes such as serial number, firmware version, and memory  CPU type will not be available with NMS tool.		Must provide the ability to track device attributes such as serial number/ firmware version / Memory
25	26	Must be able to take action based on a predefined security policy, including the ability to notify the intrusion detection system of the actions taken via a SNMPv3 trap (inform).	Please remove this point. This is specific to OEM  This feature is specific to OEM		ok
26	32	Must provide port level analysis capability	Please remove this point. This is specific to OEM  This feature is specific to OEM		As per RFP. All OEM's Enterprise switch has the feature
27	34	Must be able to write Python scripts/TCL scripts	Please remove this point. This is specific to OEM  This feature is specific to OEM		ok

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28	35	Should have the capability to reduce risk and ensure your network configurations comply to HIPAA and PCI with that analyses and assesses network configurations for compliance across DC switches	Please remove this point. This is specific to OEM This feature is specific to OEM and not applicable in Datacenter		Ok
29	36	Should have the ability to get actionable business insights and speeding up troubleshooting by separating network from application performance so you can quickly identify root-causes, reports malicious or unwanted applications, and assesses security compliance	Please remove this point. This is specific to OEM This feature is specific to OEM		ok
30	39	Solution should be able to provide deep packet inspection and application visibility for the entire network.	Please remove this point. Deep packet inspection and application visibility for the entire network will be done by Firewall not by NMS too		ok
31	40	Solution should be able to Gain Layer 4-7 application visibility using Network-based Application Recognition to help identify and improve the performance of business-critical applications	Please remove this point. Deep packet inspection and application visibility for the entire network will be done by Firewall not by NMS too		ok
32	43	Solution must be able to recognize minimum 10000 + fingerprints and 6000+ applications. Should also support option to add signature for customized inhouse application.	Please remove this point. Deep packet inspection and application visibility for the entire network will be done by Firewall not by NMS too		ok
33	46	Helps orchestrate and visualize BGP-EVPN-based 3-stage and 5-stage IP Clos and Non-Clos fabrics.	Please modify this clause to Helps orchestrate and visualize BGP-EVPN-based IP Clos and Non-Clos fabrics NMS tool will visualise Clos and Non-CLOS fabric.		As per RFP. All OEM's Enterprise switch has the feature
34	50	Acts as an inventory of all the necessary physical and logical assets of the fabric devices. All other EFA services rely on inventory service asset data for their respective configuration automation.	Please remove All other EFA services rely on inventory service asset data for their respective configuration automation This is OEM specific.		Acts as an inventory of all the necessary physical and logical assets of the fabric devices of respective OEMs.
35	Qualification Criteria	The bidder should have executed similar works for Cumulative Rs.1.5 Cr. During last 3 years.	Bidder Request : The bidder should have executed similar works for Cumulative Rs.1.5 Cr. During last 5 years. Justification: Since Normal warranty covers under 5 years contract in DC Switch . This can be for larger participation.		ok
36	Delivery Terms	As mentioned in the Annexure VII of SOW and SLA(The devices should be delivered within 4 weeks from order issuance date).	Bidder Request: The device will be delivered with in 10-12 weeks after receiving PO. Justification : Due to global Pandemic , delay in delivery Globally		10-16 weeks
37	Technical Specifications For SPINE Switch,	Solution should support Non-Clos,3-Clos , 5-Clos architecture on BGP-EVPN IP Fabric	Bidder Request: Solution should support Non-Clos,3-Clos or 5-Clos architecture on BGP-EVPN IP Fabric Justification: 5 Clos normally used in Bigger DATA Center for massive scalability.Please amend the same for wider OEM participation		Already replied
38	with 32 x 40/100G QSFP28	Should support minimum 120K IPv4 routes or more and 10K IPv6 routes or more	Bidder Request : Should support minimum 60K IPv4 routes or more and 10K IPv6 routes or more Justification: This is very high number of route requested.Kindly amend the same		Already replied
39	Technical Specifications For Leaf Switch,	The Switch should have forty Eight ( 48x1/10/25G SFP28) and 8x 40/100G QSFP28 ports from day one. The 100G ports should be breakout capable and support multrate speeds of 10/25/40/100G	Bidder Request: The Switch should have forty Eight ( 48x1/10G ) and 8x 40/100G QSFP28 ports from day one. The 100G ports should be breakout capable and support multrate speeds of 10/25/40/100G. Justification: 25G Connectivity has been not asked anywhere.This will lead to price implications on all the vendors.		No Change
40	with 48 x1/10/25G + 8 x QSFP28 Ports	Switching Bandwidth: Should provide Non-Blocking switch fabric capacity of 4 Tbps or more.	Bidder Request : Switching Bandwidth: Should provide Non-Blocking switch fabric capacity of 1.7 Tbps or more. Justification: Please amend for wider participation		No change
41		Should support 60K MAC addresses or more.	Bidder Request: Should support 40K MAC addresses or more. Justification: These are very high numbers of MAC requested.Please amend the same for wider OEM participation.		No chage

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42		The Switch should have thirty two (32x40/100) QSFP28 ports from day one. The 100G ports should be breakout capable and support mulirate speeds of 10/25/40/100G	Please change this cluse to The 100G ports should be breakout capable and support mulirate speeds of 10G or 40G or 100G"	Multirate transceivers are not having any IEEE standard.	No change
43		Solution should support Non-Clos,3-Clos , 5-Clos architecture on BGP-EVPN IP Fabric	Please change this clause to "Solution should support Non Clos or Clos architecture on BGP-EVPN IP Fabric"	For BGP-EVPN fabric CLOS architecture will be form for lossless connectivity.	Already replied
44		CPU Memory : 16 GB or more RAM and 64 GB or more SSD	Please change this Clause to "CPU Memory : 8GB or more RAM and 1GB flash or SSD	Since switches are ASIC based, RAM and Flash and non-consequential for performance. Gbps performance is more relevant than System Memory.  Our switch network operating system don't have layered software designed ,so we have made a light kernel with all features built in it.  The other OEMs have created layered software and to run the added features, they required higher RAM and Flash to deliver the required performance.	As per RFP. All OEM's Enterprise switch has the feature
45		Switch should be capable to use flows from analytics platform to provide security against DDOS mitigation (Additional hardware/software can be quoted to complete the solution)	Please remove this point, This is OEM specific	This feature is supported by specific OEM	Accepted
46		Solution should support performance management and analytics capability for applications such as Wireshark, Perfsonar, Docker, TCP Dump, Arpsponge etc with On box functionality or External Server to be supplied by OEM.	Please remove this point, This is OEM specific	This feature is supported by specific OEM	Accepted
47		gRPC Streaming protocol	Please modify this clause to gRPC/ERSPAN	Google Remote Procedure Call (gRPC) or Encapsulated Remote Switch Port Analyzer (ERSPAN) protocol will be required for Inband Telemetry (INT)	Already replied
48		REST API with YANG data model	Please modify this clause to REST API/Netconf with YANG data model	Network Configuration Protocol (NETCONF) is an XML-based network management protocol to provides programmable mechanisms to manage and configure network devices	Already replied
49		Random Early Discard	Please modify this clause to Random Early Discard/WRED	WRED is an extension of RED that allows you to assign different RED drop thresholds to each color of traffic	Already replied
50		Strict Priority (SP), Deficit Weighted Round- Robin (DWRR)	Please modify this clause to "Deficit Weighted Round- Robin (DWRR) or SP+WDRR"	WDRR schedules packets based on the packet length and used in Datacenter technology	Already replied
51		The Switch should have fourty Eight ( 48x1/10/25G SFP28) and 8x 40/100G QSFP28 ports from day one. The 100G ports should be breakout capable and support mulirate speeds of 10/25/40/100G	Please change this cluse to The 100G ports should be breakout capable and support mulirate speeds of 10G or 25G or 40G or 100G"	Multirate transceivers are not having any IEEE standard.	Already replied
52		Solution should support Non-Clos,3-Clos , 5-Clos architecture on BGP-EVPN IP Fabric	Please change this clause to "Solution should support Non Clos or Clos architecture on BGP-EVPN IP Fabric"	For BGP-EVPN fabric CLOS architecture will be form for lossless connectivity.	Already replied

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53		CPU Memory : 16 GB or more RAM and 64 GB or more SSD	Please change this Clause to "CPU Memory : 8GB or more RAM and 1GB flash or SSD	Since switches are ASIC based, RAM and Flash and non-consequential for performance. Gbps performance is more relevant than System Memory.  Our switch network operating system don't have layered software designed ,so we have made a light kernel with all features built in it.  The other OEMs have created layered software and to run the added features, they required higher RAM and Flash to deliver the required performance.	No chane
54		Switch should be capable to use flows from analytics platform to provide security against DDOS mitigation (Additional hardware/software can be quoted to complete the solution)	Please remove this point, This is OEM specific	This feature is supported by specific OEM	Already replied
55		Solution should support performance management and analytics capability for applications such as Wireshark, Perfsonar, Docker, TCP Dump, Arpsponge etc with On box functionality or External Server to be supplied by OEM.	Please remove this point, This is OEM specific	This feature is supported by specific OEM	Already replied
56		gRPC Streaming protocol	Please modify this clause to gRPC/ERSPAN	Google Remote Procedure Call (gRPC) or Encapsulated Remote Switch Port Analyzer (ERSPAN) protocol will be required for Inband Telemetry (INT)	Already replied
57		REST API with YANG data model	Please modify this clause to REST API/Netconf with YANG data model	Network Configuration Protocol (NETCONF) is an XML-based network management protocol to provides programmable mechanisms to manage and configure network devices	Already replied
58		Random Early Discard	Please modify this clause to Random Early Discard/WRED	WRED is an extension of RED that allows you to assign different RED drop thresholds to each color of traffic	Already replied
59		Strict Priority (SP), Deficit Weighted Round- Robin (DWRR)	Please modify this clause to "Deficit Weighted Round- Robin (DWRR) or SP+WDRR"	WDRR schedules packets based on the packet length and used in Datacenter technology	Already replied
60		The Access Switch should have twenty four (24) 1GbE RJ45 ports and Eight (8) 1GbE SFP Slots.	The Access Switch should have twenty four (24) 1GbE RJ45 ports and four (4) 1GbE SFP or 2x 10G SFP+ Slots.	24 port plus 4x 1G port or 2x 10G SFP+ port is the standard port option available with most of the OEM.	Already replied
61		Should support 4K VLANs with 4K VLAN IDs	Should support 2K VLANs with 4K VLAN IDs	For Access switch deployment, 2K simultaneous VLANs will be sufficient	Already replied

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62		Should support IEEE standards:-IEEE 802.3ab,IEEE 802.3ae,IEEE 802.1ba,IEEE 802.3ad,IEEE 802.1AB,IEEE 802.1v,802.1Q,IEEE 802.1ag and IEEE 802.3ah	Please remove 802.3ae, IEEE 802.1ag and IEEE 802.3ah	<p>MACsec encryption is required when two sites are connected on service provider P2P link. This is not required in secure campus network.</p> <p>IEEE 802.1AE MACsec encryption is required when two sites are connected on service provider P2P link. This is not required in campus network.</p> <p>MACsec only operates on layer 2, so it can only protect a single LAN, and offers no protection when traffic is routed. This single LAN can be a physical LAN, or a virtual LAN, such as those provided by overlay network technologies like VXLAN, GENEVE, etc.</p> <p>MACsec also cannot protect against malicious layer 3 traffic coming from a different network interface, on a machine connected to multiple LANs. For example, attacks that rely on forcing traffic to leave from other interfaces, using ARP spoofing or IP redirects, cannot be prevented using MACsec alone. As always with security-related matters, careful configuration is necessary to eliminate flaws that lead to a weakening of the entire setup.</p>	Already replied
63		Should support ACLs , XML Api and Application telemetry	Please remove Application telemetry Should support ACLs , XML Api/ REST AP and	Application telemetry is required at core switch not on the access switch.  RSET API is standard automation tool supported by most of the OEMs	Already replied
64		Must support features to interact with 3rd party network security devices to provide automated response to security events and thus remediating real time threats	Please change this clause to "Must support features to interact with 3rd party network security devices "	security events and thus remediating real time threats is firewall related feature	Already replied
65		Must provide the ability to track device attributes such as serial number, firmware version, CPU type, and memory.	Please modify this clause to "Must provide the ability to track device attributes such as serial number, firmware version, and memory"	CPU type will not be available with NMS tool.	Already replied
66		Must be able to take action based on a predefined security policy, including the ability to notify the intrusion detection system of the actions taken via a SNMPv3 trap (inform).	Please remove this point. This is specific to OEM	This feature is specific to OEM	Already replied
67		Must provide port level analysis capability	Please remove this point. This is specific to OEM	This feature is specific to OEM	Already replied
68		Must be able to write Python scripts/TCL scripts	Please remove this point. This is specific to OEM	This feature is specific to OEM	Already replied
69		Should have the capability to reduce risk and ensure your network configurations comply to HIPAA and PCI with that analyses and assesses network configurations for compliance across DC switches	Please remove this point. This is specific to OEM	This feature is specific to OEM and not applicable in Datacenter	Already replied

Sr. No.	Detailed Reference to TPSODL Technical Document. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Justification from BA	TPSODL Response
70		Should have the ability to get actionable business insights and speeding up troubleshooting by separating network from application performance so you can quickly identify root-causes, reports malicious or unwanted applications, and assesses security compliance	Please remove this point. This is specific to OEM	This feature is specific to OEM	Already replied
71		Solution should be able to provide deep packet inspection and application visibility for the entire network.	Please remove this point.	Deep packet inspection and application visibility for the entire network will be done by Firewall not by NMS tool	Already replied
72		Solution should be able to Gain Layer 4-7 application visibility using Network-based Application Recognition to help identify and improve the performance of business-critical applications	Please remove this point.	Deep packet inspection and application visibility for the entire network will be done by Firewall not by NMS tool	Already replied
73		Solution must be able to recognize minimum 10000 + fingerprints and 6000+ applications. Should also support option to add signature for customized inhouse application.	Please remove this point.	Deep packet inspection and application visibility for the entire network will be done by Firewall not by NMS tool	Already replied
74		Helps orchestrate and visualize BGP-EVPN-based 3-stage and 5-stage IP Clos and Non-Clos fabrics.	Please modify this clause to "Helps orchestrate and visualize BGP-EVPN-based IP Clos and Non-Clos fabrics"	NMS tool will visualise Clos and Non-CLOS fabric.	Already replied
75		Acts as an inventory of all the necessary physical and logical assets of the fabric devices. All other EFA services rely on inventory service asset data for their respective configuration automation.	Please remove "All other EFA services rely on inventory service asset data for their respective configuration automation"	This is OEM specific.	Already replied
76	Delivery Terms	The devices should be delivered within 4 weeks from order issuance date).	Once RC Received , we need 12 weeks to Deliver the Device .	Due to Current Pandemic Situation , delay in delivery Globally	Already replied
77	Technical Specifications For SPINE Switch, with 32 x	Solution should support Non-Clos,3-Clos , 5-Clos architecture on BGP-EVPN IP Fabric	Solution should support Non-Clos,3-Clos or 5-Clos architecture on BGP-EVPN IP Fabric	5 Close normally used in Bigger DATA Center for massive scalability.Please amend the same for wider OEM participation	Already replied
78	40/100G QSFP28 Ports	Should support minimum 120K IPv4 routes or more and 10K IPv6 routes or more	Should support minimum 60K IPv4 routes or more and 10K IPv6 routes or more	This is very high number of route requested.Kindly amend the same	No change
79	Technical Specifications For Leaf Switch, with 48 x1/10/25G + 8 x QSFP28 Ports	The Switch should have forty Eight ( 48x1/10/25G SFP28) and 8x 40/100G QSFP28 ports from day one. The 100G ports should be breakout capable and support mulirate speeds of 10/25/40/100G	The Switch should have forty Eight ( 48x1/10G ) and 8x 40/100G QSFP28 ports from day one. The 100G ports should be breakout capable and support mulirate speeds of 10/25/40/100G	25G Connectivity has been not asked anywhere.This will lead to price implications on all the vendors.	No change
80	Technical Specifications For Leaf Switch, with 48 x1/10/25G + 8 x QSFP28 Ports	Switching Bandwidth: Should provide Non-Blocking switch fabric capacity of 4 Tbps or more.	Switching Bandwidth: Should provide Non-Blocking switch fabric capacity of 1.7 Tbps or more.	Please amend for wider participation	No change
81		Should support 60K MAC addresses or more.	Should support 40K MAC addresses or more.	These are very high numbers of MAC requested.Please amend the same for wider OEM participation.	As per RFP. All OEM's Enterprise switch has the feature
82	Point 7.5, Payment	The payment shall be released within 45 days from the date of submission of Certified bills/ Invoices.	Bidder Response : The 80% Payment shall be released against delivery and remaining 20% against installation within 45 days. Justification: Against delivery of payment 80% enables to reduce the Cost of Finance , enabling to extend Aggressive pricing .		No Change. Tender Terms and Conditions shall prevail
83	TERMS OF PAYMENT		We request TPSODL to please provide the 80 % payment on delivery and 20 % on installation		No Change. Tender Terms and Conditions shall prevail
84	LIQUIDATED DAMAGES	Liquidated damages @1% of the total executed contract value per week or part thereof, for the period of delay in integrated completion, subject to maximum 10% of the value of the contract shall become leviable without prejudice to other rights of the TPSOD	We request TPSODL to please amend the clause as below Liquidated damages @0.5% of the total un executed part contract value per week or part thereof, for the period of delay in integrated completion, subject to maximum 10% of the value of the contract shall become leviable without prejudice to other rights of the TPSOD		No Change. Tender Terms and Conditions shall prevail



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85	Tender Enquiry No.TPSODL/OT/2021-22/025/7.1 Special Conditions of Contract/Page No.13	Performance Bank Guarantee amounting to 5% of the Annual contract value shall be submitted by the BA as per GCC for a period equivalent to contract period plus one month.	Amend to 3%		No Change. Tender Terms and Conditions shall prevail
86	Payment Terms	The payment shall be released within 45 days from the date of submission of Certified bills/ Invoices.	70% Payment will be released against delivery and remaining 30% against installation within 45 days.		No Change. Tender Terms and Conditions shall prevail