

WEBEL TECHNOLOGY LIMITED

CORRIGENDUM – I

Tender No. WTL/TD/SW/19-20/034 dated 25.02.2020

Sl. No.	Section	Clause No.	Page No.	Present Entry	Replace With
1.	D	14	10	TIME SCHEDULE FOR DELIVERY & INSTALLATION The total delivery, installation & commissioning will have to be completed within 4 (Four) weeks from the date of Order	TIME SCHEDULE FOR DELIVERY & INSTALLATION The total delivery will have to be completed within 4 (Four) weeks and installation, commissioning will have to be completed within 6 (Six) weeks from the date of Order
2.	H	Sl. No. 1	24	Layer 3 switch with minimum 24 no. of 10/100/1000 Base -T-ports with additional 4X1G SFP port loaded with single mode SFP transceiver, RPS.	Layer 3 switch with minimum 24 no. of 10/100/1000 Base -T-ports with additional 4X1G SFP port and Redundant Power Supply (RPS) from day1.
3.	H	Sl. No. 3	24	SFP transceiver module for Firewall/Switch/Router compatible with supplied appliances and existing networking devices at NIC end with 5 years warranty (8x5 NBD support).	Single mode SFP transceiver module for Switch (2 modules for each switch) compatible with supplied appliances with 5 years warranty (8x5xNBD support).
4.	I	Sl. No. 1	25	Switch should be 1RU with minimum 24 no. of 10/100/1000 Base-T ports with additional 4x1G SFP port loaded with multimode SFP transceivers from Day1. All the required accessories like the fiber patch-chord or any other components needed to bring up the 1G interface and the link needs to be supplied by the bidder.	Switch should be 1RU with minimum 24 no. of 10/100/1000 Base-T ports with additional 4x1G SFP port and Redundant Power Supply (RPS) from day 1 All the required accessories like the fiber patch-chord or any other components needed to bring up the 1G interface and the link needs to be supplied by the bidder.
5.	I	Sl. No. 11	25	Shall have 802.1p class of service, marking, classification, policing and shaping. Should support strict priority queuing. The switch should also support Encrypted Traffic Analysis (ETA) from Day 1.	Shall have 802.1p class of service, marking, classification, policing and shaping. Should support strict priority queuing. The switch should also support Encrypted Traffic Analysis (ETA) if needed in future.
6.	Revised Technical Specification Compliance Statement (Section – H) is enclosed.				

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SECTION - I

TECHNICAL SPECIFICATION COMPLIANCE STATEMENT

(Tender No. WTL/TD/SW/19-20/034)

1. Minimum Specification of Layer 3 switches

Qty.	18 Nos.
Make	
Model	
Part No.	

Sl. No.	Hardware and interface requirements	Qty	Specification (Quoted / Applicable - By the Bidder)	Complied (Yes / No)
1	Switch should be 1RU with minimum 24 no. of 10/100/1000 Base-T ports with additional 4x1G SFP port and Redundant Power Supply (RPS) from day 1 All the required accessories like the fiber patch-chord or any other components needed to bring up the 1G interface and the link needs to be supplied by the bidder.			
2	Switch should have minimum 320 Gbps of stacking bandwidth with dedicated stacking ports and cables with minimum 4 switches in a single stack from Day 1.			
3	Should have a minimum of 4 GB RAM and 4 GB Flash from Day 1.			
4	Switching system shall have minimum 56 Gbps of switching fabric and minimum 40 Mbps of forwarding rate.			
5	Switch should support field-replaceable and redundant internal power supply.			
6	Switching system shall have minimum 32K MAC Addresses and 4K Vlans.			
7	Switch should support minimum 5K ACLs, 8K Multicast and 12K of IPv4 and IPv6 Routes.			
8	Should support IEEE Standards of Ethernet: IEEE 802.1D, 802.1s, 802.1w, 802.1x, 802.3ad, 802.1ae, 802.3x, 802.1p, 802.1Q, 802.3, 802.3u, 802.3ab, 802.3z.			
9	Switch should support network segmentation that overcomes the limitation of VLANs using VXLAN and VRF.			
10	Switch should have support for static routing, OSPF, BGP, MPLS, VRRP, VRF (Virtual routing and forwarding), IGMP v1/v2/v3, PIM and multicast routing.			
11	Shall have 802.1p class of service, marking, classification, policing and shaping. Should support strict priority queuing. The switch should also support Encrypted Traffic Analysis (ETA) if needed in future.			

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12	Switch should support management features like SSHv2, SNMPv2c, SNMPv3, IGMP, Netconf/YANG or equivalent.			
13	Switch should support port security, DHCP snooping, Spanning tree root guard, First Hop Security.			
14	IPv6 support in hardware, providing wire rate forwarding for IPv6 network.			
15	Should support 802.1x authentication and accounting, IPv4 and IPv6 ACLs and Dynamic VLAN assignment and MACSEC-128 on hardware on all ports.			
16	Eight egress queues per port for different types.			
17	Switch shall support application visibility and traffic monitoring with minimum 60 K sflow/jflow/netFlow entries.			
18	Switch shall conform to UL 60950, IEC 60950, CSA 60950, EN 60950 Standards and ROHS5			
19	The switch OEM should be a Leader/Challenger in the Gartner's Magic Quadrant for Wired and Wireless Infrastructure for a consecutive period of 3 years.			
20	8x5xNBD, 5 years On-site Comprehensive warranty for Layer 3 switch.			

2. Minimum Specification for SFP transceiver module for Layer 3 Switch

Qty.	36 Nos.
Make	
Model	
Part No.	

Sl. No.	Description	Qty	Specification (Quoted / Applicable - By the Bidder)	Complied (Yes / No)
1	Small Form-Factor Pluggable (SFP) 1000Base-LX/LH Gigabit Ethernet Optics.			
2	Operating distance support - up to 10 KM.			
3	Warranty 5 years.			

Authorized Signatory (Signature In full): _____

Name and title of Signatory: _____

Stamp of the Company: _____