

# WEBEL TECHNOLOGY LIMITED

## CORRIGENDUM – I

### TENDER NO. WTL/HC/LAN/22-23/052 DATED 29.03.2023

Sl. No.	Section No.	Page /Clause No.	Existing Clause Description	Clarification / Revised clause
1	SECTION-I	Page No. 27	<p>Minimum Specification of 24 port L3 Switch with 3 years on-site comprehensive warranty support.</p> <p>Switch should support minimum 2000 Active VLANs and 4000 VLAN IDs</p>	<p>Minimum Specification of 24 port L3 Switch with 3 years on-site comprehensive warranty support.</p> <p>Switch should support minimum 1000 Active VLANs and 4000 VLAN IDs</p>
2	SECTION-I	Page No. 28	<p>Minimum Specification of 24 port L2 Switch with 3 years warranty support</p> <p>Switch should support minimum 16000 MAC addresses and 16000 ARP entries per system.</p>	<p>Minimum Specification of 24 port L2 Switch with 3 years warranty support</p> <p>Switch should support minimum 16000 MAC addresses.</p>
3	SECTION-I	Page No.: 27	<p>Minimum Specification of 24 port L3 Switch with 3 years on-site comprehensive warranty support.</p> <p>The switch should support a stacking / virtual chassis of minimum 8 switches and minimum 300 Gbps Stacking bandwidth support. Feature to be enabled from day-1 with cables, stacking module / license etc.</p>	<p>Minimum Specification of 24 port L3 Switch with 3 years on-site comprehensive warranty support.</p> <p>The switch should support a stacking / virtual chassis of minimum 8 switches and minimum 200 Gbps Stacking bandwidth support. Feature to be enabled from day-1 with cables, stacking module / license etc.</p>
4	SECTION-I	Page No.: 27	<p>Minimum Specification of 24 port L3 Switch with 3 years on-site comprehensive warranty support.</p> <p>Switch should support BGP, multiprotocol BGP (MBGP) and IS-IS features by adding a feature license, if required in future.</p>	<p>Minimum Specification of 24 port L3 Switch with 3 years on-site comprehensive warranty support.</p> <p>Switch should support BGP, multiprotocol BGP (MBGP) features from Day-1.</p>
5	SECTION-I	Page No.: 28	<p>Minimum Specification of 24 port L3 Switch with 3 years on-site comprehensive warranty support.</p> <p>The switch should be provided with advanced hardware replacement warranty in case of device failure, 24x7 access to OEM technical assistance center and ongoing software upgrades &amp; updates for all</p>	<p>Minimum Specification of 24 port L3 Switch with 3 years on-site comprehensive warranty support.</p> <p>The switch should be provided with advanced hardware replacement warranty in case of device failure, 24x7 access to OEM technical assistance center and ongoing software upgrades &amp; updates for all major and minor releases for a period of 3 years. The successful</p>

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			major and minor releases for a period of 3 years.	bidder needs to submit the documentation (with device serial numbers mentioned) confirming all the supplied devices are covered under 3 years onsite comprehensive OEM support.
6	SECTION-I	Page No.: 30, Sl. No. 6	Minimum Specification of CAT 6 Information Outlet (with Keystone, Back Box & Single Face & Single Port Face Plate)  All information outlets for 100 W, 26 AWG copper cable shall:	Minimum Specification of CAT 6 Information Outlet (with Keystone, Back Box & Single Face & Single Port Face Plate)  All information outlets for 26 AWG copper cable shall:
7	SECTION-I	Page No. 30, Sl. No. 11	Minimum Specification of CAT 6 Information Outlet (with Keystone, Back Box & Single Face & Single Port Face Plate)  <b>Jack Specification:</b> Plastic Housing: Polycarbonate or equivalent, UL94V-2 rated or equivalent.	Minimum Specification of CAT 6 Information Outlet (with Keystone, Back Box & Single Face & Single Port Face Plate)  <b>Jack Specification:</b> Plastic Housing: Polycarbonate or equivalent, UL94V-2 rated or better.
8	SECTION-I	Page No. 31, Sl. No. 2	Minimum Specification of CAT 6 (2 Mtr.) Patch Cord.  The Patch Cord shall at a minimum comply with proposed ANSI / TIA / EIA-568-C.2-1 & ISO/IEC 11801 Commercial Building Cabling Standards Transmission Performance Specifications for 4 pair 100W Category 6 Cabling.	Minimum Specification of CAT 6 (2 Mtr.) Patch Cord.  The Patch Cord shall at a minimum comply with proposed ANSI / TIA / EIA- 568-C.2-1 & ISO/IEC 11801 Commercial Building Cabling Standards Transmission Performance Specifications for 4 pair Category 6 Cabling.
9	SECTION-I	Page No. 31, Sl. No. 2	Minimum Specification of CAT - 6 (1 Mtr.) Patch Cord  The Patch Cord shall at a minimum comply with proposed ANSI / TIA / EIA-568-C.2-1 & ISO/IEC 11801 Commercial Building Cabling Standards Transmission Performance Specifications for 4 pair 100W Category 6 Cabling.	Minimum Specification of CAT - 6 (1 Mtr.) Patch Cord  The Patch Cord shall at a minimum comply with proposed ANSI / TIA / EIA- 568-C.2-1 & ISO/IEC 11801 Commercial Building Cabling Standards Transmission Performance Specifications for 4 pair Category 6 Cabling.
10	SECTION-I	Page No.: 30, Sl. No. 18	Minimum Specification of CAT 6 24 Port Fully Loaded JACK PANEL / Patch Panel  OEM should have Inventory of Green House Gas Emission verification certificate in accordance with ISO 14064-1: 2006. Certificate must be submitted along with the bid otherwise it may cause for rejection of bid.	Minimum Specification of CAT 6 24 Port Fully Loaded JACK PANEL / Patch Panel  OEM should have Inventory of Green House Gas Emission verification certificate in accordance with ISO 14064-1: 2006 or equivalent. Certificate must be submitted along with the bid otherwise it may cause for rejection of bid.

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11	SECTION-I	Page no. 34,	<p>Minimum Specification of 19" 9U Wall mounting Rack</p> <p>19" 9U wall mounting rack with Cantilever tray, 6 socket 5/15 Amp Power Strip, Cooling Fan &amp; accessories input 6 socket 5/15 Amp power strip &amp; earthing kit. All equipment's housed properly, air circulation &amp; properly locking system with key</p>	<p>Minimum Specification of 19" 9U Wall mounting Rack</p> <p>19" 9U wall mounting rack (min. Depth 600 mm, min width 550 mm) with Cantilever tray, 6 socket 5/15 Amp Power Strip, Cooling Fan &amp; accessories input 6 socket 5/15 Amp power strip &amp; earthing kit. All equipment's to be housed properly, air circulation &amp; properly locking system with key. RACK OEM should have valid certificate of ISO 9001, ISO 14001 and ISO 45001</p>
12	SECTION-H	Page No.: 26, Sl. No. 8	<p>650 VA / 750 VA Line Interactive UPS with 15 mins battery back up on full load with 3 years on-site comprehensive warranty (Battery 2 years on-site comprehensive warranty),</p>	<p>600VA / 650 VA / 750 VA Line Interactive UPS (108 VAH) with 15 to 20 mins battery back up on full load with 3 years on-site comprehensive warranty (Battery 2 years on-site comprehensive warranty),</p>
13	SECTION-B	Page No. 7, Sl. No. 14		<p><b>ELIGIBILITY CRITERIA</b></p> <p>14. <b>Proposed OEM</b> for all networking products should not have been filed for bankruptcy and should be profitable for at least last three consecutive financial year. (FY 2019-20, 2020 - 21 &amp; 2021 - 22) financial year. Balance Sheet / CA Certificate must be submitted along with bid</p>
14	SECTION-D	Page No.: 12, Sl. No. 14	<p><b>CONTRACT EXECUTION</b></p> <p>On receipt of the Letter of Award the contractor should submit a Performance Bank Guarantee (PBG) equivalent to 10% of the total contract value within three weeks from the date of receipt of Letter of Award/Order. The PBG should be valid for six months more than the warranty period. All delivery of the material will have to be completed within 30 days from the date of acceptance of contract and the contractor has to ensure all activities leading to the commissioning of the contract to be completed within 90 days from the date of award. Subsequent to the award of contract, the contractor will have to arrange for the requisite material as per BOM.</p>	<p><b>CONTRACT EXECUTION</b></p> <p>On receipt of the Letter of Award the contractor should submit a Performance Bank Guarantee (PBG) equivalent to 3% of the total contract value within three weeks from the date of receipt of Letter of Award/Order. The PBG should be valid for six months more than the warranty period. All delivery and installation of the material will have to be completed within 12 weeks from the date of acceptance of contract and the contractor has to ensure all activities leading to the commissioning of the contract to be completed within 16 weeks from the date of award. Subsequent to the award of contract, the contractor will have to arrange for the requisite material as per BOM.</p>

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15	SECTION- E BID FORM	Page No.: 21, Sl. No. 7	We further agree that if our proposal is accepted, we shall provide a Performance Bank Guarantee of the value equivalent to ten percent (10%) of the Order value as stipulated in Financial Bid (BOQ).	We further agree that if our proposal is accepted, we shall provide a Performance Bank Guarantee of the value equivalent to three percent (3%) of the Order value as stipulated in Financial Bid (BOQ).
16	SECTION- D	Page No. 12, Sl. No. 15	<b>TIME SCHEDULE FOR DELIVERY &amp; INSTALLATION</b>  The total delivery, installation & commissioning will have to be completed within 12 weeks from the date of LOI / Order.	<b>TIME SCHEDULE FOR DELIVERY &amp; INSTALLATION</b>  The total delivery, installation & commissioning will have to be completed within 12 to 16 weeks from the date of LOI / Order.
17	SECTION- B	Page No.: 7, Sl. No. 6	The bidder should have an average annual turnover of not less than Rs. 30 Crore each year in the last three financial years (considering FY – 2019-20, 2020-21, 2021-22). Bidder shall have to submit Audited Balance Sheet / Audited Accounts / Auditor Certificate in support of their claim.	The bidder should have an aggregate annual turnover of not less than Rs. 40 Crore in the last three financial years (considering FY – 2019-20, 2020-21, 2021-22). The minimum annual turnover in each year should not be less than 10 crores in a single financial year. Bidders shall have to submit an Audited Balance Sheet / Audited Accounts / Auditor Certificate in support of their claim

### SECTION – I

#### TECHNICAL SPECIFICATION COMPLIANCE STATEMENT

**Minimum Specification of CAT 6 UTP Cable read as**

<b>8. Minimum Specification of CAT 6 UTP Cable</b>		
<b>Qty.:</b> 350960 Mtr.		
<b>Make:</b> (BIDDER SHOULD MENTION THE MAKE OF THE QUOTED ITEM)		
<b>Part No.:</b> (BIDDER SHOULD MENTION THE MAKE OF THE QUOTED ITEM)		
Minimum Specification	Specification (Quoted / Applicable -by the bidder)	Complied (Yes / No)
Unshielded Twisted Pair, Category 6, ANSI / TIA568C.2&ISO/IEC11801 Class E or better		
23 AWG Solid bare copper		
Cross-member (+) Separator		
Performance spec minimum 500 MHz shall be certified by Intertek for 4 connector channel compliance as per ANSI/TIA 568-C.2 or latest for CAT-6. (Third party certificate should be provided along with the bid.)		
ROHS Compliant		
All Copper components must be from same OEM.		
The 4 pair Unshielded Twisted Pair cable shall be UL Listed, ETL verified		

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Construction: 4 twisted pairs separated by internal X shaped, 4 channel, full separator. Half shall not be accepted.		
Insulation: High density polyethylene		
Pairing: Two insulated conductor twisted together		
No. of Pair: 4 pairs		
Color of sheath: LSZH GREY- Single sheath, LSZH Sheath with IEC standard 3 <sup>rd</sup> party certification / Reports.		
Rip Cord should be available		
Sequential meter marking should be available		
Temperature Rating: (- 20 to +60 C)		
Packing: 305 Mtrs.		
OEM should have Inventory of Green House Gas Emission verification certificate in accordance with ISO 14064-1: 2006 or equivalent. Certificate must be submitted along with the bid otherwise it may cause for rejection of bid.		
Low Frequency Electrical Parameter		
Conductor Resistance: ≤9.38 OHMS or better / 100 MTR or better.		
Resistance Unbalance: 5% Max		
Mutual Capacitance: < 5.6 nF/100 mtrs		
Capacitance Unbalance: 330pF/100M		
Delay Skew: < 45ns		
OEM should have valid ISO 9001, ISO 14001 & ISO 45001:2018 certified for design and development of LAN and WAN products, all the relevant certificates must be submitted along with the bid.		
OEM should have Average Annual Financial Turnover not less than 500 Crores for their business in India for each of the last three financial years for data networking products.		

**Minimum specification of Line Interactive UPS system with 15-20 minutes battery backup read as:**

**7. Specification for 600 VA / 650 / 750 VA line interactive UPS (108VAH) with 15-20 mins Battery Backup on full load**

<b>Qty.</b>	<b>370 Nos.</b>
<b>Make</b>	
<b>Model</b>	
<b>Part No.</b>	

Minimum Specification		Specification (Quoted / Applicable - By the Bidder)	Complied (Yes / No)
Specification	Description		
Capacity	VA/W		
INPUT	Voltage		
	Voltage Range		
	Frequency Range		

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OUTPUT	AC Voltage Regulation (Batt. Mode)		
	Frequency Range (Batt. Mode)		
	Transfer Time		
	Waveform (Batt. Mode)		
	Overload		
BATTERY	Battery Type & Number		
	Typical Recharge Time		
TRANSFER TIME	Minimum line break for transfer to battery		
INDICATORS	AC Mode		
	Battery Mode		
	Fault		
ALARMS	Battery Mode, Low Battery, Overload, Battery replacement, fault		
PROTECTION	Full Protection		
PHYSICAL	Dimension, D X W X H (mm)		
	Net Weight (kgs)		
	Material		
ENVIRONMENT	Operating Environment		
	Storage Temp		
	Humidity		
	Noise Level		
Test Reports	BIS registration		
	NABL Approved government lab test report.		
Warranty	UPS 3 years onsite comprehensive, battery 2 years onsite comprehensive		