

# WEBEL TECHNOLOGY LIMITED

## CORRIGENDUM - II

**Tender No. WTL/TET/MPNET/21-22/025 dated 02.12.2021**

Sl. No.	Section No.	Clause No.	Page No.	Queries	Response to pre-bid queries
1	NOTICE INVITING e-TENDER	1 <sup>st</sup> paragraph	1	Reputed System Integrators having sufficient experience and credentials for successful completion of "Similar Nature" of work in a Government Department/PSU/Autonomous Body or any reputed organization	<b>To be Read as "Reputed Service Provider</b> having sufficient experience and credentials for successful completion of "Similar Nature" of work in a Government Department/ PSU / Autonomous Body or any reputed organization"
2	Scope of Work	Key Features Required for the MPLS Network:	5	Support for a wide range of routing protocols (Static, OSPF, BGP, and EIGRP)	<b>To be Read as:</b> "Support for a wide range of routing protocols (OSPF and BGP)"
3	Scope of Work	Technical Parameters: C.: Service Availability	5	i) Wired -- 99.5 % on monthly basis (For HUB LINK) ii) Wireless -- 98.5 % on monthly basis. (FOR SPOKE LINK)	<b>To be Read as:</b> "i) Wired -- 99.5 % on <b>quarterly basis</b> (For HUB LINK) ii) Wireless -- 98.5 % on <b>quarterly basis.</b> (FOR SPOKE LINK)".
4	Service Level Agreement (SLA) Parameters	1.14	7	It will be the BSP's responsibility for shifting of link / tower within the same premises/campus without any additional cost. For different campus or area, rate to be decided mutually.	<b>To be Read as:</b> "It will be the BSP's responsibility for shifting of link / tower within the same premises/ building without any additional cost. For different campus or area shifting charge shall be admissible to Rs. 10,000 only".
5	Section-B,	ELIGIBILITY CRITERIA	8	The bidder shall have Quality Certificate (ISO 9001:2015). Copy of valid Certificate to be submitted	<b>To be Read as:</b> "The bidder shall have Quality Certificate (ISO 9001:2015 or TL9000). Copy of valid Certificate to be submitted."
6	Scope of Work			<b>TO BE ADDED 1.14</b>	OTC for the link must not exceed 20% of the ARC.
7	Scope of Work	Point No. 16	5	However, the router at each location shall be supplied and maintained by WTL.	<b>Addition:</b> HUB Location router to be supplied by the L1 bidder for termination of hub link. Details spec of Router is attached in Technical Specification.
8	Service Level Agreement (SLA) Parameters:	Penalty: vi)		If the bidder fails to deliver a link, penalty will be imposed as per the given calculation  (Considering 1 link)  Penalty = Double the Annual Rental Cost (in rupees). Penalty will be deducted from the 2nd quarter bill. (One Time)	<b>To be read as</b> "If the bidder fails to deliver a link within the stipulated time, penalty will be imposed as per "Delay in commissioning" clause upto 2 quarter (6 months). After that, if the bidder fails to deliver the link, whole contract can be cancelled. Also, BSP can only submit the bill, once 100%

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					links are delivered.
9	SECTION – D	20.TERMS OF PAYMENT	15	Payment terms will be on back-to-back basis, i.e., payment will be made only on receipt of payment from relevant customer, i.e., Department of Technical Education and Training.	<b>Addition:</b> Department will only accept the bill and release payment, once 100% links are delivered. (Quarterly basis). Once all the links are delivered, payments will be made after deduction of penalty and SLA.
10	Section A	Expected Commissioning Time:	6	The expected successful commissioning time of ALL links will be within a maximum period of 10 weeks from the date of placement of work order on the selected bidder. The selected bidder should take all necessary steps to establish network and inform WTL for acceptance of link. If the Bidder does not commission the link within the stipulated time, WTL will penalize them as per the T& C of the RFP	The expected successful commissioning time of ALL links will be within a maximum period of <b>12 weeks</b> from the date of placement of work order on the selected bidder. The selected bidder should take all necessary steps to establish network and inform WTL for acceptance of link. If the Bidder does not commission the link within the stipulated time, WTL will penalize them as per the T& C of the RFP. Note: New links are expected to start from 1 <sup>st</sup> of April 2021.
11	SECTION – H	BILL OF MATERIAL	27	Addition in line items in BOQ	<b>Addition of Items from 5 to 8.</b> BOQ attached with changes. Revised Section – H is enclosed
12	SECTION – F	1. EVALUATION PROCEDURE		The Eligibility Criteria (Section - B) will be evaluated by Tender Committee and those qualify will be considered for further evaluation.	<b>Addition:</b> The Tender Committee shall verify the Technical Specification (Technical Specification with Compliance Statement, Section – Q) Deviation in specification shall not be allowed. Bidder qualified in Technical Specification shall be considered for further evaluation. Section – Q is enclosed. Revised Section – F is enclosed.

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## SECTION – H

### BILL OF MATERIAL

<b>Sl. No.</b>	<b>Description of material</b>	<b>Qty.</b>	<b>Unit</b>
1	ANNUAL RECURRING CHARGES FOR 1 GBPS HUB LINK	1	No.
2	ONE TIME CHARGES FOR 1 GBPS HUB LINK	1	No.
3	ANNUAL RECURRING CHARGES FOR 34 MBPS SPOKE LINK	69	No.
4	ONE TIME CHARGES FOR 34 MBPS SPOKE LINK	69	No.
5	HUB ROUTER SHOULD SUPPORT 1 SM SLOT AND 1 NIM SLOT WITH 4*1G (INCLUDING 2 COPPER SFP & 2 FIBER SFP MODULES) AND 2*10G (FIBER SFP MODULES) FROM DAY 1 AND WILL ALSO HAVE 2 EXTRA SLOTS FOR FUTURE. SHOULD HAVE POWER CORD AND FIBER CABLE FOR CONNECTING THE PORTS.	1	No.
6	8X5XNBD (36 MONTHS) ONSITE COMPREHENSIVE WARRANTY FOR ROUTER	1	No.
7	10G BASE-SR SFP MODULE FOR CORE ROUTER	2	No.
8	1000 BASE-T SFP TRANSCEIVER MODULE FOR CATEGORY 5 COPPER WIRE FOR ROUTER	2	No.
9	1000 BASE-SX SFP TRANSCEIVER MODULE, MMF, 850NM, DOMFOR ROUTER	2	No.

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## **SECTION – F**

### **TECHNO COMMERCIAL EVALUATION & AWARDING OF CONTRACT**

#### **1. EVALUATION PROCEDURE**

- The Eligibility Criteria (Section - B) will be evaluated by Tender Committee and those qualify will be considered for further evaluation.
- The Tender Committee shall verify the Technical Specification (Technical Specification with Compliance Statement, Section – Q) Deviation in specification shall not be allowed. Bidder qualified in Technical Specification shall be considered for further evaluation.
- After qualifying in Technical Specification, qualified bidders will only be considered for Financial Bid evaluation.

#### **2. FINAL EVALUATION**

Financial Proposal of the bidders qualifying in the evaluation of Technical Specification will be evaluated. The bidder who has qualified in the Technical Specification evaluation and returns with lowest quote (L1) in financial bid would normally be awarded the contract subject to Post Qualification.

#### **3. AWARDING OF CONTRACT**

An affirmative Post Qualification determination will be prerequisite for award of the contract to the lowest quoted bidder. A negative determination will result in rejection of bidder's bid, in which event the WTL will proceed to the next lowest evaluated bidder to make a similar determination of that bidder's capability to perform satisfactorily. The successful bidder (s) will have to give security deposit in the form of Performance Bank Guarantee.

#### **4. POST QUALIFICATION**

The determination will evaluate the Bidder's financial, technical, design, integration, customization, production, management and support capabilities and will be based on an examination of the documentary evidence of the Bidder's qualification, as well as other information WTL deems necessary and appropriate. This determination may include visits or interviews with the Bidder's client's reference in its bid, site inspection, and any other measures.

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## SECTION – Q

### TECHNICAL SPECIFICATION WITH COMPLIANCE STATEMENT

(Tender No. WTL/TET/MPNET/21-22/025 dated 02.12.2021)

Qty.		1 No.	
Make			
Model			
Sr. No.	Technical Specification (Minimum Specification)	Specification (Quoted / Applicable – by the bidder)	Compliance (Yes/No)
1	Router should be modular in architecture with 4 x 1G interfaces plus 2x 10G interface. Minimum 1 slot should be free for future expansion. With 3 years comprehensive onsite warranty.		
i)	10G BASE-SR XFP MODULE FOR CORE ROUTER – 2 Nos		
ii)	1000BASE-T SFP TRANSCEIVER MODULE FOR CATEGORY 5 COPPER WIRE FOR ROUTER – 2 nos		
iii)	1000BASE-SX SFP TRANSCEIVER MODULE, MMF, 850NM, DOMFOR ROUTER – 2 Nos		
2	The router should support minimum of 10 Gbps of IPv4 forwarding throughput from day 1		
3	Data Center devices should be deployed in HA mode with Active/Active		
4	Should have redundant Internal hotswappable power supplies.		
5	Should support minimum 4000 IPsec tunnels		
6	Should support min 8GB DRAM (upgradable to 32GB) and 8 GB flash/SSD memory		
7	Router should be capable of upgrading to SD-WAN with software/license upgrades only		
8	Shall support Routing protocols like RIP ver1 & 2 OSPF ver2.		
9	Multicast routing protocols support: IGMPv1, v2, PIM-SM and PIM-DM.		
10	Shall support IPv6 features: DHCPv6, IPv6 QoS, and OSPFv3 for IPv6.		
11	Shall support IP Accounting features		
12	Shall support QoS, Class-based Weighted Fair Queuing, Weighted Random Early Detection, PBR, FEC, CoS Marking		
13	Shall support the following		
14	AAA support using Radius and/or TACACS		
15	GRE		
16	IPSec		
17	Multiple privilege level authentication for console and telnet access		

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18	The device should work in standalone Mode, however, if needed, it should be able to work in SDWAN mode with controller		
19	Shall have support for management thru Telnet, SSH, Secure Web based management thru HTTPS and SNMPv3 and Out of band management through Console and external modem for remote management		
20	Should provide a provision to analyses IP service levels for IP applications and services by using active traffic monitoring (the generation of traffic in a continuous, reliable, and predictable manner) for measuring network performance		
21	Should support flow-based traffic analysis of applications, hosts, performance-based measurements on application and network latency, quality of experience metrics for network-based services such as voice over IP (VoIP) / video.		
22	The device should work in SD-WAN Mode managed by controller. However, if required it should work as standalone routing platform without controller.		
23	Should have the ability to monitor events and take informational, corrective, action when the monitored events occur or when a threshold is reached.		
24	The router shall conform to UL 60950 or IEC 60950 or CSA 60950 or EN 60950 Standards for Safety requirements of Information Technology Equipment.		
25	The router shall conform to EN 55022/32 Class A/B or CISPR22/32 Class A/B or CE Class A/B or FCC Class A/B Standards for EMC (Electro Magnetic Compatibility) requirements.		