

Andhra Pradesh State FiberNet Limited (APSFL)

Request for proposal for Supply, Installation, and Commissioning & Maintenance of Point of Presence Equipment

Tender Ref.: Ref. No. APSFL/ OLT/227/2018, dated 12/01/2018

Corrigendum 1, dated-24/01/2018

S.No	Section in the Tender	Page No.	Existing Clause & No.	Revised Clause
1	1.1 Key Events and Dates	7 of 43	Last date and time for submission of proposal 29/01/2018 at 3:00PM	Last date and time for submission of proposal 06/02/2018 at 3:00 PM
2	1.1 Key Events and Dates	7 of 43	Date and time of opening of pre-qualification cum technical bids on e-procurement platform 29/01/2018 at 4:00PM	Date and time of opening of pre-qualification cum technical bids on e-procurement platform 06/02/2018 at 4:00PM
3	7.19 Performance Bank Guarantee, S.No. 11	23 of 43	Performance Bank Guarantee: 10% of the Contract Value in the form of Bank Guarantee issued by one of the Nationalized / Scheduled Commercial Banks in India drawn in favour of Andhra Pradesh State FiberNet Ltd, payable at Vijayawada. Should be valid for contract period + 3 months EMD of the successful bidder will be considered towards PBG and validity should be extended as per the contract duration.	No Change
4	7.30 Payment Terms, SL. No 1	26 of 43	90% of work order value payable against successful commissioning & Acceptance/ Go-Live certificate from APSFL	No Change
5	8.10 Annexure X – Minimum Tech Specifications, 8. OLT Modular GPON OLT,	40 – 43	19" Mountable upto 6U chassis	The specifications have been suggested as per the existing network infrastructure. Hence the clause cannot be changed.

6	8.10 Annexure X – Minimum Tech Specifications, 6. Financial Bid Opening & Award of Contract 8. OLT Modular GPON OLT	18 of 43 & 40 of 43	SL. No. 3: Modular GPON OLT populated with 48 PON Ports 16/32/48 PON Ports	Vendor can supply 2 box solution; i.e. a 40 PON port Chassis and a 8 PON port OLT system along with EMS licenses. Vendor can supply 2 box solution; i.e. a 40 PON port Chassis and a 8 PON port OLT system along with EMS licenses.
7	8.10 Annexure X – Minimum Tech Specifications 8. OLT Modular GPON OLT	40 of 43	Warranty: 3 years from the date of commissioning	Warranty is 3 years from the date of commissioning
8	Annexure X – Minimum Tech Specifications 8. OLT Synchronism, 8. OLT Scalability, OLT Specifications, 8. OLT Hardware Features	40 of 43	<p>SYNC-E,IEEE 1588V2 PTP. Local Management by HTTP Web Browser.</p> <p>OLT equipment family system NMS are reliable modular optical line termination (OLT) equipment specifically devoted for fiber network infrastructures either point to point (P2P) , Active Ethernet (AE) or Point to Multi point (P2MP) FTTX Gigabit Passive Optical Network (GPON) architectures as well as assuring next generation PON technologies as XGPON-1and NGPON2 (TWDM PON).</p> <p>Support for the building integrated timing supply (BITS) 10 MHz, 1 PPs and Time of day interfaces. Supports synchronous Ethernet and IEEE 1588 functionalities and shall act as the source for network clocking for TDM, SDH and SONET, SyncE and GPS interfaces. In addition to the timing services</p> <p>The OLT shall be designed to Operate at 210- 250 V ac</p>	No Change

9	Annexure X – Minimum Tech Specifications, 8. OLT Environment	41 of 43	Compliant with partly temperature controlled locations recommendation as stated by ETSI 300 019-1-3 class 3.2 -5 degrees to +45 degrees centigrade , 0- 95% Relative humidity range	The specifications mentioned are minimum desired specification. Vendors can quote higher specifications.
10	Substation Level PoP Equipment	14 Of 43	UPS (3 KVA and 4KVA UPS with 2hrs backup; online and SNMP enabled)	3 KVA and 5KVA UPS with 4hrs backup; online and SNMP enabled should be supplied
11	6. Financial Bid Opening & Award of Contract	18 of 43 & 34 of 43	Supply and installation of 24 U RACK Integrated Nos 30	Deleted
	6. Financial Bid Opening & Award of Contract	36 of 43	Specifications for 24U Rack	No Change
12	Router with 8*10 G with 4 *1G	38 of 40	Router should have redundant controller cards and should support stateful switch over, non stop forwarding, Non stop routing and Graceful restart. Router should have one controller card and if install redundant card should support stateful switch over, non stop forwarding, Non stop routing and Graceful restart. In case of failure of any single route processor non of the line card traffic should be impacted.	No Change
13	4. Pre-Qualification Criteria, SL. No. 3	15 of 43	The Bidder/consortium should have an average Annual Turnover of INR 100 Crores and above in last two audited financial years. In case of Consortium the prime bidder should contribute at least 50% of the turnover.	The Bidder/consortium should have an average Annual Turnover of INR 50 Crores and above in last two audited financial years. In case of Consortium the prime bidder should contribute at least 50% of the turnover.

14	4. Pre-Qualification Criteria, SL. No. 9	16 of 43	9. The Bidder / Consortium should have executed work orders for a min value of INR 20 Crore for OLTs , ONTs or similar products in last 3 FYs in India	The Bidder / Consortium should have executed work orders for a min value of INR 20 Crore for OLTs , ONTs or similar products cumulatively in last 3 FYs in India.
15	6. Financial Bid Opening & Annexure IX – Price Bid Form SL No. 5-11;	18 of 43	<p>Supply, Installation of router with 4*10G 40km ,4*1G 20 km SFP & 4*1G copper SFP & integration with existing network with NMS software & license as required for server hardware.</p> <p>Supply, Installation of router with support 8*10G 40KM and scalability of 10*10G, 4*1G COPPER & 4*1G 10 /20 KM & integration with existing network with NMS software & license as required for server hardware.</p> <p>2*10G fully loaded expansion card for Cisco IPMPLS 903 router.</p> <p>Internal wiring 3Ph/1 Ph for rating of 5KW max, using suitable rated Elec wires, MCBs, DB, Elec Sockets and switches from Electrical Meter to UPS and UPS to Rack including Copper Earth wire from Earth pit to MCB box. Grounding of Rack chasis with suitable earth wire from DB Box.</p> <p>Supply and fixing of Meter box with suitable fuse carriers and also laying of service wire for 3Ph/1 Ph from meter box to station transformer using underground HDPE pipe wherever required.</p>	No Change