

Andhra Pradesh State FiberNet Limited (APSFL)

RFP for Supply, Installation, Commissioning & Maintenance of OFC and PoP Equipment

Ref. No. - APSFL/ OFC & SS Equipment/227/2017, dated 24/11/2017

Corrigendum - 1, Dated-07/12/2017

Bidders may please note that this Corrigendum document is part of the RFP. The items listed in this Corrigendum will supersede the corresponding clauses in RFP.

S. No.	Section No.	Page	Clause in RFP	Revised Clause
		No.		
1.	Section 1.2 – Procedure for Bid Submission	8	Offline bids shall not be entertained by the RFP Inviting Authority for the RFPs published in e-Procurement platform.	In case any bidder is not able to upload the entire set of documents on e-procurement platform either due to space/size constraint or any other technical hitches, only in such cases, the relevant hard copies of the left over documents which could not be uploaded on e-procurement platform may be submitted in sealed covers in APSFL office located at 3rd Floor, NTR Administrative Block, Pandit Nehru Bus Station, NH-65, Vijayawada, Andhra Pradesh, before the stipulated closure time of bid submission. A self-certificate from the bidder in this regard detailing the reasons for submitting the hard copies, if any, duly bringing out issues faced in uploading them on e-procurement platform, if any, shall also be submitted. The uploaded documents on the e-procurement platform and the hard copies submitted in sealed covers, if any, together will be treated as a single set of documents under a bid and will be evaluated accordingly.
2.	Section 3 - OLT Scope	13	The NMS proposed should be interoperable with AGORA-NG and shall be configurable to monitor existing and new OLTs proposed as per the requirements of APSFL. The NMS proposed should be capable of monitoring entire GPON network (old & new PoPs) effectively with periodic SLA report generation as required by APSFL. The NMS proposed should support data porting to and from existing AGORA-NG.	The EMS proposed should be interoperable with AGORA-NG and shall be configurable to monitor and manage new OLT's proposed as per the requirements of APSFL and should have an integration interface to monitor existing OLT's. The EMS should have REST API/Webservices based north bound interface and integrate with existing APSFL OSS/BSS systems. The EMS proposed should be capable of monitoring components supplied effectively with periodic SLA report generation as required by APSFL. The EMS proposed should support data

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				porting to and from existing AGORA-NG.
3.	Section 3 - OLT Scope	14	Successful configuration and testing of two different OLTs within a given PON port & PoP	Successful configuration and testing with two different make ONTs under a given PON port and interoperability with the other vendors OLT in existing APSFL PoP wherever applicable in both spur and ring scenarios
4.	Section 4 – S.No 9	16	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 or ONTs or equivalent GPON products in last 3 FYs in India or Abroad.
5.	Section 4 –S.No 11	17	Should have at least 5 service centres in 5 different districts in AP (atleast 1 centre in Vijayawada, Vizag and Tirupati) (or) Undertaking to establish the same within the timelines stipulated by APSFL. Self-certified declaration and address proof of service centers to be submitted.	Service Centre clause not applicable in case of OFC OEM. However, successful bidder should have local presence to support OLTs and other Equipment supplied.
6.	Section 7.29	29	SLAs for the Fiber (OFC)	In case of OFC, the selected vendor is responsible only for supply & installation. Maintenance of the same shall be done by APSFL appointed O&M vendor for Fiber Grid.
7.	Annexure-IX	42	Price Bid Form	Refer to revised price bid format attached as Annexure -1 to this corrigendum.
8.	Annexure-X, Pt.1	48	UV Proof Black FRPE/LSZH	UV Proof Black FRPE/HDPE
9.	Annexure-X, Pt.9	56	Modular GPON OLT Required Ports- 16/32/48 PON ports 19" Mountable unto 6U chassis	Modular GPON OLT with 16, 32 and 48 Ports based on minimum needs and with at least one additional slot In case of higher size, bidder has to supply additional rack along with OLT
10.	Annexure-X, Pt.9	56	Warranty: 3 years from the date of commissioning	Warranty: 1 year from the date of commissioning
11.	Annexure-X, Pt.9	57	Compliant with partly temperature - controlled locations recommendation as stated by ETSI ETS 300 019-1-3 Class 3.2 -5oC to +45oC, 0 - 95% of	Compliant with partly temperature - controlled locations recommendation as stated by ETSI ETS 300 019-1-3 Class 3.2 -5oC to +55oC, 0 - 95% of

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		No.		
			Relative Humidity range	Relative Humidity range
12.	Annexure-X, Pt.9	58	ITU-T G.757: Characteristics of a Bending Loss Insensitive Single Mode Optical Fiber and Cable for the Access Network	ITU-T G.657: Characteristics of a Bending Loss Insensitive Single Mode Optical Fiber and Cable for the Access Network
13.	Annexure-X, Pt.9	60	Operating temp 0 to 55 centigrade	Should work efficiently in ambient temperature of -5 to 55 degree centigrade
14.	Annexure-X, Pt.9	60	SFP Module Specifications	SFP 1G_10KM – Part code: GLC-LH-SMD SFP 1G_40KM – Part code: GLC-EX-SMD SFP 10G_300M – Part code: SFP-10G-SR-S SFP 10G_10KM – Part code: SFP-10G-LR-S SFP 10G_40KM – Part code: SFP-10G-ER-S SFP 10G_80KM – Part code: SFP-10G-ZR-S Make: CISCO
15.	Annexure – IX Price Bid Form	42	Please refer pages 4, 5 & 6 of this corrigendum for revised Price Bid Form	

- Corrigendum-1 clauses will supersede the corresponding/reference clauses in the RFP

Annexure-1: Revised Price Bid Format

To
 The Managing Director,
 Andhra Pradesh State FiberNet Limited,
 3rd Floor, NTR Administrative Block,
 Pandit Nehru Bus Station,
 NH – 65, Vijayawada – 520013

Date:

Subject: RFP for Supply, Installation, Commissioning & Maintenance of OFC and PoP Equipment

Ref: APSFL/ OLTs & SS Equipment/227/2017, dated 20/11/2017

S. No	Description	Units	Unit Rate in INR (A)	Qty (B)	Total in INR (C) =A*B
1.	SUPPLY OF 24F ADSS CABLE with span length of 65m with wind speed of 100 kmph with necessary Pole accessories along with splicing joint encloser & Laying of 24 F ADSS cable on ELECTRICAL POLES using the required Pole accessories as necessary including SPLICING the cable joints & terminating in the wallmount FDMS and establishing the connectivity .	Kms		350	
2.	SUPPLY OF 24F ADSS CABLE with span length of 200m with wind speed of 100 kmph with necessary Pole accessories along with splicing joint encloser & Laying of 24 F ADSS cable on ELECTRICAL POLES using the required Pole accessories as necessary including SPLICING the cable joints & terminating in the wallmount FDMS and establishing the connectivity	Kms		50	
3.	SUPPLY OF 24F DOUBLE SHEATH FRP ADSS CABLE with span length of 200m with wind speed of 100 kmph with necessary Pole accessories along with splicing joint encloser & Laying of 24 F ADSS cable on ELECTRICAL POLES using the required Pole accessories as necessary including SPLICING the cable joints & terminating in the wallmount FDMS & establishing connectivity	Kms		150	
4.	SUPPLY, fixing of wall mount FDMS with required trays and splicing of 24 F ADSS Cable with necessary patch cords	Nos		100	

5.	Preparation of Earth pit at substation POP / MSO location based on soil condition with conventional / Chemical earthing. For substation Earth pit CI pipe / MSO location GI pipe with min length of 7 Ft, diameter of 70 mm to be used with required coal and salt and providing chamber / hume pipe	Per site	100	
6.	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.	Per site	100	
7.	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.	Per site	100	
8.	Supply and installation of 24 U RACK at site as per specification	Nos	60	
9.	Supply and installation of 24 U RACK Integrated as per specification	Nos	30	
10.	Supply and installation of 42 U RACK at site as per specification	Nos	40	
11.	SUPPLY & INSTALLATION OF 3 KVA UPS WITH 4 HRS BACKUP WITH BATTERIES STAND	Nos	75	
12.	SUPPLY & INSTALLATION OF 5 KVA UPS WITH 4 HRS BACKUP WITH BATTERIES STAND	Nos	25	
13.	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	Nos	20	
14.	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	Nos	10	
15.	2*10G fully loaded expansion card for cisco ipmpls 903 router	Nos	10	
16.	SFP 1G_10KM – Part code: GLC-LH-SMD	Nos	20	
17.	SFP 1G_40KM – Part code: GLC-EX-SMD	Nos	6	
18.	SFP 10G_300M – Part code: SFP-10G-SR-S	Nos	2	
19.	SFP SFP 10G_10KM – Part code: SFP-10G-LR-S	Nos	2	
20.	SFP 10G_40KM – Part code: SFP-10G-ER-S	Nos	2	
21.	SFP 10G_80KM – Part code: SFP-10G-ZR-S	Nos	2	
22.	Modular GPON OLT populated with 16 PON Ports	Nos	150	
23.	Modular GPON OLT populated with 32 PON Ports	Nos	25	
24.	Modular GPON OLT populated with 48 PON Ports	Nos	25	
25.	Modular GPON OLT populated with 40 PON Ports	Nos	25	
26.	EMS	Nos	1	
Grand Total Cost				

Note

- Supply to designated locations /central warehouse within AP as informed by APSFL.
- Unit Rate shall include all duties, levies, insurance, transport and other charges excluding Taxes.
- The Bidder offering the **Lowest Grand Total Cost (Exclusive of Taxes)** will be considered for award of contract.
- If there is a discrepancy between words and figures, the amount in words shall prevail.

APSFL reserves the right to

1. Negotiate with the Bidder whose offer is the lowest (L1) for further reduction of prices.
2. Ask other bidders to match the price of L1 to declare them as the shortlisted bidders and issue the order incase L1 defaults in performance of agreed terms and conditions.
3. Modify, reduce or increase the quantity requirements to an extent of the tendered quantity
4. Change the list of areas of work from time to time based upon the requirement of the purchase.
5. If delivery performance of the Bidder is not as per the Schedule, then APSFL reserves the right to take action against them.
6. APSFL reserves its right to withhold any amount for the deficiency in the service aspect of the ordered items supplied.

(Signature, name and designation of the authorized signatory)

(Name and seal of the firm)