

RfP No. APSFL/O&M/200/2017, Dt: 12.02.2018

Request for Proposal for Operations and Maintenance for Andhra Pradesh State Fiber Grid Network

Corrigendum 3, Dt: 09.03.2018

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

S. No.	Section	Clause	Brief Description of the clause	Ref Page No in Tender	Revised clause
1	Technical Bid Evaluation Criteria	2.3.2.2,TQ5	Experience in setting up and managing Network Operating Centre, Operating Support System & Business Support System (OSS/BSS), and at least one digital Headend in communications/internet service sectors in India in the last 3 years - 15 Marks	12	Experience in setting up and managing Network Operating Centre, Operating Support System & Business Support System (OSS/BSS), and at least one digital Headend in communications/internet service sectors in India in the last 3 years - 10 Marks
2		2.3.2.2,TQ7	Experience in implementation/ Maintenance of IPMPLS- 15 Marks	12	Experience in implementation/ Maintenance of IPMPLS- 10 Marks
3		2.3.2.2,TQ9	Key Personnel Proposed- 10 Marks	12	Key Personnel Proposed- 20 Marks
4		2.3.2.2,TQ9	Optical Fiber Cable Expert -30% Electronics & Network Equipment Expert - 20% Solution Expert (OSS/BSS/Server Network Equipment)-20% IPTV Headend Equipment Expert-10% Project Manager with experience of more than 15 years - 20%	12	Digital headend and IPTV expert - 15% (3 Marks), Telecom Expert - 15% (3 Marks), HSI Expert- 15% (3 Marks), UPS & Power Engineer- 5% (1 Marks), Project Managers/Leads - 10% (2 Marks), DWDM- 10% (2 Marks), IPMPLS - 10% (2 Marks), GPON and Fiber - 10% (2 Marks), DBA - 5% (1 Mark), Sys Admin -5% (1 Mark)

S. No.	Section	Clause	Brief Description of the clause	Ref Page No in Tender	Revised clause
5	General conditions of Contract	3.14.4	The invoices shall be submitted by the OMA for the work executed based on SLA reports generated per month, in the format to be provided by APSFL (formats to be provided within 20days of signing of contract), in triplicate on or before the specified date of every month, fixed for the same by APSFL. The payments would be made within 15 days as per the conditions specified in the Payment Terms after deducting penalties, if any, as applicable.	24	The invoices shall be submitted by the OMA for the work executed based on SLA reports generated per month, in the format to be provided by APSFL (formats to be provided within 20days of signing of contract), in triplicate on or before the specified date of every month, fixed for the same by APSFL.
6	General conditions of Contract	3.15.1	Payment Terms	24,25	Revised clause at page no.5 of this corrigendum
7	Scope of work	5.9	The APSFL is required to provide OEM Comprehensive Onsite back to back warranty & bidder will coordinate for OEM Technical support for all the equipment for a period of 5 years from the date of the signing of the contract.	39	The APSFL is required to provide OEM Comprehensive Onsite back to back warranty & bidder will coordinate for OEM Technical support for all the equipment.

S. No.	Section	Clause	Brief Description of the clause	Ref Page No in Tender	Revised clause
8	Instructions to Bidders		New Clause		Clarifications by APSFL When deemed necessary, APSFL may seek bonafide clarifications on any aspect from the Bidder. However, that would not entitle the Bidder to change or cause any change in the substance of the Bid or price quoted. During the course of Technical Bid evaluation, APSFL may seek additional information or historical documents for verification to facilitate decision making. In case the Bidder failed to comply with the requirements of APSFL as stated above, such Bids may at the discretion of APSFL, shall be rejected as technically non-responsive
8	Instructions to Bidders	2.13 (a)	Price Schedule A: Operation & Maintenance a. Operation and Maintenance cost per annum for 5 years.	14	Price Schedule A: Operation & Maintenance a. Operation and Maintenance cost per annum for 5 years. Price quotation should be in accordance with the condition that O&M contract would be deemed extended every year subject to satisfactory performance (Overall penalties exceeding 5% of the annual O&M cost of the corresponding year will be considered as unsatisfactory performance).
9	Scope of work	5.15	Qualification and Experience for the Manpower	42	Enclosed as Annexure

Annexure

Sr No	Manpower For PoP	UoM	Quantity	No of Teams/personnel	Experience	Remarks
1	Manpower for DHQ	Nos	11	33	5 years	1 N/W engineer per shift in DHQ(3 shifts)
2	Manpower for Zonal	Nos	50	50	4 years	1 N/W engineer per shift in Zonal (General Shift)
3	Manpower for PoPs	Nos	2500	125	3 years	1 N/W engineer per shift in SS PoP (General Shift) will be responsible to maintain 20 PoPs
Sr No	Manpower For Fiber					
1	Fiber maintainence team	Teams	24000	86	Intermediate/ 3 years	Each Team comprising of a Splicer with splicing equipment, OTDR etc and two helpers. A vehicle with GPS tracking per team to maintain approx 300 Kms of fibre as per SLA.
Sr No	Manpower for NOC (24*7)					
1	Digital headend and IPTV expert	Nos	1	6	7 years	2 Experts per shift for 3 Shifts
2	Telecom Expert	Nos		6	7 years	2 Experts per shift for 3 Shifts
3	HSI Expert	Nos		6	5 years	2 Experts per shift for 3 Shifts
4	UPS & Power Engineer	Nos		3	5 years	1 Experts per shift for 3 Shifts
5	Project Managers/Leads	Nos		5	5 years	1 PM (General Shift)
5	Network Engineers	Nos			5 years	
5.1	DWDM	Nos		6	5 years	2 Experts per shift for 3 Shifts for maintainance, monitoring and DHQ support
5.2	IPMPLS	Nos		15	4 years	5 Experts per shift for 3 Shifts for maintainance, monitoring and DHQ support. Each engineer will support 3-4 DHQs
5.3	GPON and Fiber	Nos		15	4 years	5 Experts per shift for 3 Shifts for maintainance, monitoring and DHQ support. Each engineer will support 3-4 DHQs
6	DBA	Nos		3	3 years	1 Experts per shift for 3 Shifts
7	Sys Admin	Nos	3	3 years	1 Experts per shift for 3 Shifts	

Note: The Manpower specified for O&M is the minimum requirement to be met by the Vendor. Experience claimed should be backed by relevant work experience certificates, and vetting & approval will be done by APSFL

3.15.1 Procedure for preparation, processing and payment of bill for works

Payments will be made as per following milestone.

Sr. No	Milestone / Deliverable	Amount (%)
Payment Terms for First year of O&M		
1	Mobilization advance against submission of: a. Signed contract b. Letter of acceptance c. 10% Bank Guarantee on annual average contract value valid for 5 Years	5% of the annual O&M Cost
2	Submission of Network Audit Report, Network Map with geotagging, QAP, Management Dashboard not beyond 3 months from contract signing date.	5% of the annual O&M Cost
3	Submission and acceptance of invoice on quarterly basis along with monthly SLA reports duly certified by AA/AP for balance 90% O&M cost.	On pro-rata basis.
Payment Terms from Second year to Fifth year of O&M		
4	Submission and acceptance of invoice on quarterly basis along with monthly SLA reports duly certified by AA/AP	On pro-rata basis.

1. The AA/AP shall scrutinize the bill against the works entrusted and accord necessary certificates stating that the work has been executed satisfactorily in accordance of terms and condition of the contract. The AA/AP shall verify the work done by OMA with reference to measurement recorded in the measurement sheet.
2. OMA must maintain the incremental OFC, NOC and PoP equipment installed during the period of maintenance (which otherwise is not covered under AMC of OEM or supplier). The O&M charges for the incremental equipment assigned by APSFL not mentioned in the bill of material shall not exceed 10% per annum of the procurement cost exclusive of GST. The payment for the same shall be done by APSFL for the quantity/length of the material installed on the date of submission of invoice as per the terms of contract.