



**APSFL**  
Andhra Pradesh State FiberNet Ltd.

Expression of Interest

For

Empanelment of agencies

to provide Last Mile connectivity

to Hon'ble CM's Events / Other Public Events

Ref. No.APSFL/Temporary – Emergency connections/327/2018, Dated

15/11/2018

Andhra Pradesh State FiberNet Limited

NTR Administrative Block, 3rd Floor, Pandit Nehru Bus Station,

Vijayawada - 520013

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**1. Inviting Authority**

<b>S.No.</b>	<b>Description</b>	<b>Details</b>
1.	Name of the Authority	Andhra Pradesh State FiberNet Limited
2.	Name of the Assignment	<b>EOI for empanelment of agencies to provide Last Mile connectivity to Hon'ble CM's Events / Other Public Events</b>
3.	EOI Number	<b>APSFL/Temporary – Emergency connections/327/2018, Dated: 15.11.2018</b>
4.	EOI Publishing Date	<b>15/11/2018</b>
5.	Last date and time for submission of proposal (Proposal Due Date)	<b>Ongoing</b>
6.	For any enquiries and clarifications, please contact:	Executive Director –Commercial, Andhra Pradesh State FiberNet Limited NTR Administrative Block, 3rd Floor, Pandit Nehru Bus Station, Vijayawada - 520013 Web address: <a href="http://www.apsfl.in">www.apsfl.in</a> Email address: <a href="mailto:edc-apsfl@ap.gov.in">edc-apsfl@ap.gov.in</a>

## 2. Introduction

Andhra Pradesh State FiberNet Limited (APSFL) has been incorporated under the Companies Act 2013 in October 2017, to undertake the works of AP Fiber Grid, its operations & maintenance and related business activities. It is a fully owned entity of the Government of AP under the control of Energy, Infrastructure & Investment (E, I&I) department. APSFL aims to provide high quality & affordable digital services to households, government departments and enterprises across the State.

Fiber Grid is one of the 5 Grids identified by the Government of Andhra Pradesh to accelerate socio-economic growth of the State. Fiber Grid is primarily aimed at harnessing the power of information resource and to provide quality and cost-effective video, voice and data based services to the citizens of Andhra Pradesh.

### **Vision of AP Fiber Grid:**

“To establish a highly scalable network infrastructure, accessible on a non-discriminatory basis, to provide on demand, affordable and end-to-end broadband connectivity of 10 Mbps for all households and 1 to 10 Gbps for institutions & multi-dwelling units by 2018, to enable realization of the Vision of Digital Andhra Pradesh, in partnership with the Government of India and Private Sector.” In line with the vision, a dual phased approach has been undertaken to deliver the project mandate in AP.

Phase I – Aerial Fiber Grid Network will create an aerial fiber network up-to Mandal level by leveraging assets of Electricity companies.

Phase II - Network is envisioned to create an aerial Fiber network covering the entire State upto Gram Panchayats level.

Phase I of the Project (Aerial Fiber grid project), APSFL has established state-wide high speed optical fiber network infrastructure covering approximately 23,000 kms route across the 13 districts of Andhra Pradesh through 2445 PoPs being operated and controlled from Network Operations Centre (NOC) setup in Vishakhapatnam. Phase I project components include laying aerial optical Fiber across the State upto mandal level, so that the State, District, Zonal and Mandals are connected with each other using ring topology as much as possible. In addition, the last mile connectivity to households is to be made available through a network of MSOs/ LCOs.

In this regard, APSFL desires to identify agencies with capability to provide lastmile connectivity for the Hon`ble CM's events / public events.

### 3. Scope of Work

Providing last mile fiber connectivity to Hon`ble CM's events / public events from the nearest POP.

1. The agency shall conduct a quick feasibility study of providing connectivity at the venue.
2. The agency should understand the requirement from the concerned department/APSFL and propose the last mile network design and number ONUs that are required to provide connectivity at the venue.
3. The agency shall be responsible for **providing the last mile fibre optic connectivity from APSFL POP to the event venue on a short notice (24 Hrs to 48 Hrs)**
4. The agency shall also be responsible for installation and configuration of ONUs at the venue. For this, the agency shall be provided with 5 ONUs which should be returned to APSFL at the end of the contract period.
5. The agency should perform a connectivity check after installation and submit speed test reports or any other reports to APSFL or APSFL authorized person.
6. The agency should deploy enough resources for monitoring and maintaining connectivity throughout the event duration. At least 1 resource should be available at the event venue at all times.
7. The agency shall respond promptly in case of any connectivity issues and shall restore the connectivity immediately without fail.
8. The agency may take back the material used for providing the connection.
9. The agency shall not refuse to provide connectivity for the requested locations

#### 4. Pre-Qualification Criteria

The prospective bidder(s) must satisfy the following eligibility criteria for submission of their EOI and provide supporting documents as proof of eligibility.

S. No.	Prequalification Criteria	Documentary Proof to be submitted
1.	The bidder should be a Company registered in India under the Indian Companies Act 1956/2013 or a Registered Partnership Firm or a Sole Proprietary Firm or LLP.	<p>In case the Bidder is a Registered Company in India, they should produce the copy of the Certificate of Incorporation.</p> <p>In case the Bidder is Registered Partnership Company/Firm, they should produce the copy of Registered Partnership Deed.</p> <p>In case the Bidder is a Sole Proprietary Firm, they should produce the copy of valid Tax Registration Certificate(s)</p>
2.	Bidder should have positive net worth for the last 2 successive audited financial years	Certificate from the statutory auditor for having positive net worth for the last 2 successive audited financial years. ( 2016-17, 2017-18)
3.	The Bidder should have valid GST registration in India	Certified copy of valid GST registration certificates issued by competent authority in India.
4.	Bidder should have experience in supply and installation of Optical Fiber Cable in last two audited financial years.	<ul style="list-style-type: none"> <li>• Copy of Purchase Order / Work Order / Contract / Agreement</li> <li>• Completion/Ongoing certificate issued and signed by Client</li> <li>• Satisfaction certificate issued by the client</li> </ul>
5.	The Bidder should have executed work orders for a minimum value of ₹ 50 Lakhs in laying / pulling and installing Optical Fiber Cable in India in last 2 FYs	Copy of Purchase Orders and completion certificates should be submitted
6.	The Bidder should not have been blacklisted by any Govt or PSU in India as on the date of bid submission	Self-declaration by the bidder duly signed by the authorized signatory
7.	The Bidder should have adequate equipment, skilled manpower and other resources to mobilize and commence the work.	Self-certified declaration of the equipment owned by agency and man power details.
8.	The Bidder should have presence in Andhra Pradesh.	Self-certified declaration of local office address along with staff details.

Physical copies of above documentary proof to be provided at Head Office, AP State FiberNet Ltd.

## 5. SLA terms

SLA will be measured on the basis of connectivity downtime.

Penalty will be levied to the respective agency ONLY for downtime arising from last mile connectivity. Downtime & disruptions due to OLT & NOC related problems will NOT be considered for calculation of penalty. Such downtime & disruptions will be deducted from the calculation.

Downtime and disruptions will be measured from the time public starts arriving at the venue and NOT from the event start time. Penalty for each parameter will be calculated separately and added up to arrive at the total penalty amount.

Connection downtime at the venue	Penalty
Continuous downtime of upto 10 minutes	No penalty
Continuous downtime of 11 – 20 minutes	10% of the invoice amount
Continuous downtime of 21 – 30 minutes	15% of the invoice amount
Continuous downtime of 31 – 60 minutes	30% of the invoice amount
Continuous downtime of >60 minutes	50% of the invoice amount
Continuous downtime of >90 minutes	100% of the invoice amount

## 6. Payment terms

The payment for the selected agency(s), after deducting SLA penalties, will be as follows:

Connectivity Distance Per Venue for the nearest POP:	Payment (₹)
Less than or equal to 5 KMs	15,000
More than 5 KMs	15,000 for first 5Kms +1,000 per excess KM

### Deliverables for Payment:

1. Original invoice
2. Satisfactory certificate duly signed by ASPFL 's authorized representative and/or the user department duly mentioning the SLA parameters (*Format will be provided by APSFL*).
3. In case the connectivity distance from POP to Venue is more than 5 Kms, GIS route map of the laid fibre clearly tagging support structures like poles and splitters wherever provided for APSFL's record & verification.