



Request for Quotation (RFQ)

For

Supply and Delivery of 65 Km of 2F ADSS Optical Fiber Cable for Operational Requirements of APSFL

Ref. No-APSFL/O&M material/2F/2026, Dt: 06.08.2026

Andhra Pradesh State FiberNet Limited

**Infosight Building, 2nd floor, NH-16 Service Road,
Tadepalli, Guntur, AP-522501**

Web address: www.apsfl.in

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Disclaimer

The information contained in this Request for Quotation document (“**RFQ**”) including any information subsequently provided to the supplier (“**Supplier/s**”) verbally or in documentary form by Andhra Pradesh State FiberNet Ltd. (APSFL) or any of its employees or advisors, shall at all times be subject to the terms and conditions set out in this document (as may be amended only by APSFL from time to time).

The purpose of this RFQ is to provide the supplier or any other person with information to formulate their quotes (“**Bid**”). This RFQ includes statements, which reflect various assumptions and assessments arrived at by APSFL in relation to this scope. This RFQ document does not purport to contain all the information each supplier may require. This RFQ document may not be appropriate for all persons, and it is not possible for the Managing Director, APSFL and their employees or advisors to consider the objectives, technical expertise and particular needs of each supplier. The assumptions, assessments, statements and information contained herein are made considering the intended objectives of the project, and may not be complete, accurate or adequate. Each supplier must therefore conduct their own analysis of the information contained in this RFQ and seek professional advice from appropriate sources.

Information provided in this RFQ document to the supplier is on a wide range of matters, some of which may depend upon the interpretation of the law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. APSFL accepts no responsibility for the accuracy or otherwise for any interpretation of opinion on law expressed herein.

APSFL, their employees and advisors make no representation or warranty and shall incur no liability to any person, including the supplier under law, statute, rules or regulations or tort, the principles of restitution or unjust enrichment or otherwise for any loss, cost, expense or damage which may arise from or be incurred or suffered on account of anything contained in this RFQ or otherwise, including the accuracy, reliability or completeness of the RFQ, and any assessment, assumption, statement or information contained therein or deemed to form part of this RFQ or arising in any way in the selection process as part of this RFQ.

APSFL also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any supplier upon the statements contained in this RFQ. APSFL may in its absolute discretion, but without being under any obligation to do so, can amend or supplement the information in this RFQ.

The issue of this RFQ document does not imply that APSFL is bound to select a supplier/agency or to appoint the selected supplier/agency (as defined hereinafter), for supporting the implementation of the project. APSFL reserves the right to reject all or any of the Supplier or Bids without assigning any reason whatsoever.

The supplier shall bear all the costs associated with or relating to the preparation and submission of proposal pertaining to this RFQ including but not limited to preparation,

copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by. All such costs and expenses will remain with the supplier and APSFL shall not be liable in any manner whatsoever for the same, regardless of the conduct or outcome of the selection process.

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1. Introduction

Andhra Pradesh State FiberNet Limited (APSFL), a Government of Andhra Pradesh undertaking, invites sealed quotations from eligible manufacturers/authorized dealers/distributors/suppliers for the Supply and Delivery of 65 Kms of 2F ADSS Optical Fiber Cable to meet the immediate operational and maintenance requirements of the APSFL network across the State.

APSFL is maintaining the State Fiber Grid and Enterprise Network across Andhra Pradesh. The required 2F ADSS Optical Fiber Cable will be utilized for restoration of fiber cuts, preventive and corrective maintenance, emergency restoration works, provisioning of last-mile connectivity, shifting of network links, Government programme connectivity, and other urgent operational requirements pending completion of the ongoing regular procurement process.

“Agencies shall submit their quotations by email to apsfl@ap.gov.in on or before 13.08.2026.”

2. Project Background

Andhra Pradesh State FiberNet Limited (APSFL) is maintaining and operating the State Fiber Grid and Enterprise Network across the State of Andhra Pradesh, providing broadband connectivity to Government institutions, enterprises, and retail customers. The APSFL network comprises an extensive Optical Fiber Cable (OFC) infrastructure that requires continuous operation and maintenance to ensure uninterrupted service delivery.

APSFL is experiencing an immediate shortage of 2F ADSS Optical Fiber Cable required for restoration of fiber cuts, preventive and corrective maintenance, emergency restoration works, shifting of existing network links, provisioning of last-mile connectivity, and ensuring connectivity for Government programmes, Hon'ble Chief Minister events, and other time-bound projects. The non-availability of the required cable may adversely impact network availability, service restoration timelines, Service Level Agreement (SLA) compliance, and continuity of critical Government and enterprise services across the State.

Based on the urgent operational requirements, APSFL proposed the procurement of **65 Km of 2F ADSS Optical Fiber Cable** through the quotation process to meet the immediate O&M requirements until the materials are received under the ongoing regular procurement process.

3. Scope of work

The selected agency shall supply and deliver **65 Km of 2F ADSS Optical Fiber Cable** conforming to the technical specifications enclosed with this RFQ.

The scope shall include:

- Supply of 2F ADSS Optical Fiber Cable.
- Packing, forwarding, loading, transportation, unloading and delivery at the locations specified by APSFL.
- The supplied 2F ADSS Optical Fiber Cable (OFC) shall carry a One (1) Year Warranty from the date of supply at the designated field locations.
- Compliance with all technical specifications enclosed with this RFQ.

4. Specifications: 2F ADSS (All – Dielectric Self-Supporting) Optical Fiber Cable

2F ADSS OFC Specifications		
S.No	Description	Specifications
1	Fiber Type	2F Single Mode Uni tube Single Embedded FRP ADSS Optical Fiber Cable (ITU.T - G652D) – Round Shape
2	No. of Fibers in Tube	2
3	Material	UV Proof HDPE
4	Colour	Black
5	Maximum Cabled Fiber Attenuation db/Km	1310nm: <0.36 & 1550nm: <0.23
6	Loose Tube Diameter	2.0 mm: + / - (0.06 mm)
7	Loose Tube Thickness	0.32 mm: + / - (0.03 mm)
8	Span Length	65 Mtrs
9	Impact Resistance	25Nm
10	Min. Bend Radius	20D
11	Loose Tube	PBT

12	Loose Tube (no)	1
13	Weight of the cable	25 Kg + / - 10%
14	Operating Temperature	30°C to +70° C
15	Individual Length	2000 mtrs
16	Tolerance on individual length	+/- 10%
17	Tolerance on total order qty	+/- 2%
18	Percentage of short length permitted	+/-2% of shorth length is permitted
19	Range of short length	Range between 1000 Mtrs to 1800 Mtrs
20	Outer Diameter	4.0 x 6.4mm +/-1mm
21	FRP required	1.4mm+/- 0.1mm
22	GFR required	As per ITU-T standards
23	Colours of Fibers	Blue & Orange
24	Loose Tube Color	Natural
25	Tensile Strength of Cable	500 N

Note: Test should be carried out as per IEC Standards, change in attenuation should be with in <0.05 db/Km

The following is the printing text details for 02F ADSS Cable.

APSFL	Telephone Symbol	Laser Symbol 2F	G-652D	ADSS	OFC	MM-YY	Meter Marking-----M	--- Drum No
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5. Suggestion Makes:

The offered 2F ADSS Optical Fiber Cable (OFC) shall be manufactured by any one of the following OEMs or an equivalent manufacturer conforming to the prescribed technical specifications, quality standards, and performance requirements specified in this RFQ:

- i. Sterlite Technologies Limited (STL)
- ii. HFCL Limited
- iii. Polycab India Limited
- iv. Finolex Cables Limited
- v. Universal Cables Limited (Birla Furukawa)
- vi. Vindhya Telelinks Limited

- vii. Aksh Optifibre Limited
- viii. Birla Cable Limited
- ix. KEI Industries Limited
- x. Apar Industries Limited

Or any other equivalent OEM whose product fully complies with the technical specifications prescribed in this RFQ. The decision of APSFL regarding equivalency shall be final based on the results of Sample testing.

6. Delivery Schedule

The selected agency shall complete the supply and delivery of 65 Kms of 2F Optical Fiber Cable within 15 (Fifteen) days from the date of issuance of the Purchase Order or within such time as may be specified by APSFL. The material shall be delivered to the designated location(s) specified by APSFL, and the agency shall be responsible for transportation, loading, unloading, and safe delivery of the material at no additional cost to APSFL. Delay in delivery beyond the stipulated period may attract appropriate action as per the terms and conditions of the Purchase Order.

7. Bill of Quantities (BOQ)

Sl. No.	Description	Unit	Quantity
1	Supply and Delivery of 2F ADSS Optical Fiber Cable	Km	65

8. Delivery Locations

The selected agency shall deliver the material to the APSFL District Stores/Locations as mentioned below:

S No	District Name	UoM	Qty	Delivery Address with NM/Incharge name and Contact Number
1	Anantapur	Kms	10	Duddekunta Ashok Kumar, AP FIBER NET, Collector Office, Ashok Nagar, Anantapur, Andhra Pradesh 515001 Anantapur 9154143286

2	Guntur	Kms	10	Chilaka Naveen 6/12, APCRDA Complex, Beside Nuziveedu Seeds Ltd, Brodipet, Guntur, Andhra Pradesh 522002 8712006782, 9154863928
3	Prakasam	Kms	10	Pothuraju Suman APSFL District Head Quarters, Dr.No:-26-41-321, (PAST) MLA DAVID RAJU HOUSE, Devuni Cheruvu Park Junction, Ongole, Prakasam-523001, 9100478950
4	SPSR Nellore	Kms	10	Wundralla Prasanna Kumar Apsfl, old municipal office,Santapeta, near sai baba temple, Nellore.Pin:524001 Nellore, 8501882701
5	Tirupati	Kms	10	Pattapu Hemanth Kumar APSFL Office, IIDT Building Tirupati Airport Rd, Near Celkon Company, Renigunta, Tirupathi District, Andhra Pradesh 517520 9100849170
6	Visakhapatnam	Kms	5	Seelam Mohana Krishna APSFL NOC, AU Distance Education Campus, opp. Platinum Jubilee Guest House, Kirlampudi Layout, Chinna Waltair, Pedda Waltair, Vishakhapatanam, Andhra Pradesh 530017 9121106939

7	YSR Kadapa	Kms	10	Medatati Anil Kumar APSFL, DHQ, New collector office, O' block Beside horticulture office, Near railway station, Kadapa, Pincode :516001 Kadapa 7331112391
Total			65	

9. Eligibility Criteria

The bidder shall submit the following documents along with the quotation:

1. Duly filled, signed and stamped Quotation Form.
2. Copy of valid GST Registration Certificate.
3. Copy of PAN Card.
4. Manufacturer Authorization Form (MAF) or Authorized Dealer/Distributor Certificate or OEM Declaration letter wherever applicable.
5. Product Datasheet/Brochure of the offered 2F Optical Fiber Cable.

10. Payment Terms

100% payment shall be released by APSFL after successful supply, inspection, verification, and acceptance of the materials at the designated location(s). The agency shall submit the original Tax Invoice, Delivery Challan duly acknowledged by APSFL, and a Material Condition Certificate confirming that the supplied materials conform to the specifications and are free from defects.

11. Evaluation Methodology

1. The quotations received shall be evaluated based on the Lowest (L1) quoted price, subject to compliance with the eligibility criteria, technical specifications, and terms & conditions of this RFQ.
2. APSFL reserves the right to conduct sample testing of the offered 2F Optical Fiber Cable before finalization of the successful bidder.

3. The bidder identified as the Lowest (L1) shall provide 10-meter sample of 2F ADSS Optical Fiber Cable (OFC) to the APSFL Head Office, Tadepalli at free of cost for sample testing and evaluation by APSFL.
4. The sample shall be tested to verify its conformity with the technical specifications prescribed in this RFQ.
5. Only upon successful acceptance of the sample by APSFL shall the L1 bidder be considered for award of the Purchase Order.
6. In the event the sample fails to meet the prescribed technical specifications or quality requirements, APSFL reserves the right to reject the bid of the L1 bidder and proceed with the evaluation of the next lowest responsive bidder.

12. Quotation Format

Quotation for the RFQ for Supply and Delivery of 65 Km of 2F ADSS Optical Fiber Cable.

Sl. No.	Description	Unit	Quantity	Unit Rate (Rs.) (Excl. taxes)	Total Amount (Rs.) (Excl taxes)
1	Supply and Delivery of 2F ADSS Optical Fiber Cable	Km	65		
GST					
Total					

In words:

Declaration by the Bidder

1. We have carefully read and understood all the terms and conditions of the RFQ and agree to abide by them.
2. We certify that the quoted rates are inclusive of packing, forwarding, freight, insurance, loading, unloading, transportation, and all applicable taxes and duties.
3. We confirm that the offered material conforms to the technical specifications stipulated in the RFQ.
4. We undertake to complete the supply within the delivery period specified in the RFQ.
5. The quoted rates shall remain valid for 90 days from the last date of submission of quotations.

Authorized signature,
Designation,
Name of the Company.