



GOVERNMENT OF TELANGANA



**SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA
LIMITED**

EXPRESSION OF INTEREST

FOR

**LAYING OF OPTICAL FIBRE CABLES IN THE DUCTS PROPOSED
IN CONVERSION OF OH TO UG CABLING WORKS IN GHMC AREA
ALONG THE MAIN ROADS**



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EXPRESSION OF INTEREST (EOI) FOR LAYING OF OPTICAL FIBRE CABLES ALONG WITH UNDERGROUND CABLING IN GHMC ALONG THE MAIN ROADS

The state of Telangana, India's youngest state, has emerged as a hub for innovation and development since its formation in 2014. The state has achieved rapid urbanization and economic progress with a strong focus on infrastructure and industrial growth. In order to improve the quality and reliability of power supply, TGSPDCL has conceptualized the program for undergrounding of the existing distribution network. It was envisaged to carry out undergrounding of existing all 33kV and 11 kV overhead (OH) and LT OH lines (main roads). Undergrounding of the power distribution network in Metro Zone, Hyderabad area will enhance efficiency and reliability of power supply and reduce maintenance cost.

Southern Power Distribution Company of Telangana Limited (TGSPDCL) is a state electricity distribution licensee which supplies power across 15 districts spanning across a total area of 51,860 sq. km in Telangana. TGSPDCL caters to electricity demand of 1,20,80,555 consumers, including 13,79,265 commercial, 88,96,272 residential, 78,716 industrial, 15,43,065 agriculture and 1,83,237 other category consumers. Key objective of TGSPDCL is to supply reliable and quality power to the southern region of Telangana with majority of the demand coming from the city of Hyderabad.

TGSPDCL, sharing the government's vision of making Hyderabad a global city, invites interested global firms with proven capabilities and demonstrated experience in executing in similar large scale for laying of optical fibre Cable in any metro / large cities either in India or abroad.



Objective:

TGSPDCL is contemplating for conversion of 33 kV, 11 kV & LT lines to Underground cables in GHMC area with a provision of ducts for laying of Optical Fibre Cable for 3,185 km approximately.

This EOI seeks participation from qualified global firms and technology providers to present innovative solutions and efficient implementation strategies laying of optical fibre cables in the ducts proposed in conversion of OH to UG cabling works in GHMC area along the main roads is pivotal for addressing challenges such as urban congestion and power reliability while enhancing system efficiency and public safety. This project forms a vital component of city's urban infrastructure modernization.

Tentative Scope of the work:

- Laying of optical fibre cable along the ducts proposed in conversion of OH to UG cabling works in GHMC area along the main roads

Interested parties are requested, to submit the following to express their interest:

- Eligibility to Express Interest: Only such parties those who have implemented laying of optical fibre Cable in India or abroad can express interest for this EOI.
- A Letter of Interest from interested party on their letter head.
- The interested parties are expected to give a presentation to the expert committee covering the following:
 - a) Brief about their firm
 - b) Previous works of the interested party
 - c) Technology landscape and various execution models prevailing in the market
 - d) Pros and cons of the different execution modes



- e) Proposed mode of execution of the project
- f) Global best practices and case studies
- g) Financial information of the firm (Net worth and Revenues over the last 3-5 years)
- h) Any existing technology tie-ups with optical fibre cable manufacturers or any existing manufacturing capacity base
- i) And any other information as deemed fit by the interested party.

All the interested parties are expected to respond to the EOI as per timelines specified below.

Timeline:

S. No	Event	Timeline
1	Date of issuance/ publication of EOI	01.02.2026
2	Last Date for Submission of EOI	17.02.2026
3	Date of Presentation by the interested parties	17.02.2026

TGSPDCL will convey the decision on the next steps based on the presentation.

The EOI may be sent by email to cgmproj@tgsouthernpower.org or cgmproj99@gmail.com

Sd/-
Chief Engineer/Projects
TGSPDCL