

## **TRANSMISSION CORPORATION OF TELANGANA LIMITED**

Sub: Proposal for laying of 220 KV Single Circuit line from 400/220/132/33KV Raidurg GIS to 220/132 KV Erragadda GIS with 1000sqmm XLPE UG Cable with connected bay – Administrative approval – Accorded.

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**T.O.O (CE-Construction) Ms.No.2510**

**Dated:08.09.2025.**

Read the following

### **ORDER:**

1. The Chief Engineer/Metro zone has submitted the proposal for 220KV S/C UG cable feeder from 400KV Raidurg SS to 220KV Erragadda SS
2. The Chief Engineer/ Power systems has conducted the load flow studies and stated that, proposal for alternate source from 400KV Raidurg SS to 220KV GIS Erragadda with cable is required to meet (N-1) contingency.
3. The Chief Engineer/Metro zone has furnished the field estimate for 220KV Single Circuit line from 400KV Raidurg GIS to 220KV GIS Erragadda with 1000Sq mm XLPE UG Cable. Further stated that, 220 kV Erragadda SS has 1 No. spare 220 kV GIS feeder module and there is a requirement of 1 No. 220 kV GIS feeder module at 400 kV GIS Raidurg SS. The Chief Engineer/ Telecom has furnished the telecom cost estimate.
4. After careful consideration, TGTRANSCO accords administrative approval for laying of 22KV Single Circuit line from 440/220/132/33KV Raidurg GIS to 220/132 KV Erragadda GIS with 1000sqmm XLPE UG Cable with connected bay works out to Rs.13054.13 Lakhs and Rs.1174.87 Lakhs towards Interest During Construction (I.D.C). The total cost of the scheme is Rs.14229.00 Lakhs (Rupees Fourteen Thousand Two Hundred Twenty Nine lakhs only) including I.D.C. as per the abstract given below.

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ABSTRACT					
S.No	DESCRIPTION	UNIT	QTY	RATE (Rs. In Lakhs)	AMOUNT (Rs. In Lakhs)
1	Laying of 220KV single circuit line from 400/220/132/33 KV Raidurg GIS SS to 220/132 KV Erragadda GIS SS with 1000sqmm XLPE UG Cable (10 KM)	Est		12481.00	12481.00
2	220KV GIS feeder Bay at 400/220/132/33 KV GIS Raidurg Including SAS System (1 No.)	Est		410.00	410.00
3	Providing of Optical Fiber communication facility	Est		163.13	163.13
TOTAL					13054.13
Interest During Construction (IDC)					1174.87
Grand Total Including IDC					14229.00

5. The scheme will be executed with the financial assistance from funding agencies and / or with TGTRANSCO funding.
6. The Chief Engineer/ Construction is hereby authorized to take up the above works after funding tie-up and investment approval from Hon'ble TGERC. This authorization is issued with the concurrence of Joint Managing Director (Fin, Comml & HRD) vide Regd.No.2191,Dated:18.06.2025.

**BY ORDER AND IN THE NAME OF TRANSMISSION CORPORATION OF TELANGANA LIMITED**

**Sd/-  
D.KRISHNA BHASKAR, IAS  
CHAIRMAN & MANAGING DIRECTOR**

To,  
The Chief Engineer, Construction, TGTRANSCO, Vidyut Soudha, Hyderabad.

Copy to:  
The Chairman & Managing Director, TGSPDCL, Mint Compound, Hyderabad.

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The Chief Engineer, Comml & RAC, TGTRANSCO, Vidyut Soudha, Hyderabad  
The Chief Engineer, Power Systems, TGTRANSCO, Vidyut Soudha, Hyderabad.  
The Chief Engineer, Metro Zone, TGTRANSCO, Erragadda, Hyderabad  
The Chief Engineer, Transmission, TGTRANSCO, Vidyut Soudha, Hyderabad  
The Chief Engineer, Telecom, TGTRANSCO, Vidyut Soudha, Hyderabad.  
The Chief Engineer, P & MM, TGTRANSCO, Vidyut Soudha, Hyderabad.  
The SE (Technical) to CMD/TGTRANSCO/Vidyut Soudha / Hyderabad.  
The DE (Technical) to Director / Projects, TGTRANSCO, Vidyut Soudha, Hyderabad  
The ADE (Technical) to Director (Grid & Transmission Management), TGTRANSCO,  
Vidyut Soudha, Hyderabad  
The PS to the Director (Fin, Comml & HRD),TGTRANSCO, Vidyut Soudha, Hyderabad.  
The FA & CCA (Accounts) & CFO, TGTRANSCO, Vidyut Soudha, Hyderabad  
The Superintending Engineer, OMC, Metro Central, TGTRANSCO, Hyderabad  
The Superintending Engineer/Construction-I, TGTRANSCO, Vidyut Soudha, Hyderabad  
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