



## TRANSMISSION CORPORATION OF TELANGANA LIMITED

Sub: Erection of 132 kV DC/SC line from 220/132 kV SS Madugula to 132kV Switching station Godakondla in Nalgonda Dist. – Administrative approval – Accorded.

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**T.O.O (CE-Construction) Ms.No.1552**

**Dated: 16.01.2023.**

Read the following

### **O R D E R**

The Chief Engineer, Rural Zone has submitted the proposal for erection of 132 kV DC/SC line from 220/132kV SS Madugula to 132 kV Switching station Godakondla in Nalgonda Dist to facilitate the loads from 220/132/33 KV Madugula and to stream line the loads of 220/132/33 KV SS KMPally, 132 KV Switching station Nasarlapally, 132 KV Switching station Godakondla and 132/33 KV SS Marriguda as the 132 KV feeder from 220 KV SS KMPally to 132KV Switching station Godakondla is over loaded and to maintain reliable and quality power supply to the consumers in that scheme area.

2. The Chief Engineer/ Power systems has conducted the load flow studies and communicated the study report stating that, the proposed 132 kV feeder from 220 kV SS Madugula to 132 kV SWS Godakondla is technically feasible to provide an alternate source to the scheme area under (N-1) conditions. Further, in view of the above feasibility, earlier approved 132 kV DC line from proposed 220/132kV SS Madugula to existing 132/33kV SS Takkalapally (Yacharam) is not necessary (works are not at initiated).
3. The Chief Engineer / Telecom has furnished the detailed cost estimate for providing Optical Fiber Communication facility to the proposed line.
4. After careful consideration, TSTRANSCO accords administrative approval for the above scheme at a total cost of Rs.21.01 Crores including IDC considering latest approved material/ equipment rates, price escalation @ 10%, and GST @ 18% as per the abstract.

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A B S T R A C T					
S.No	DESCRIPTION	UNIT	QTY	RATE (Rs. In Lakhs)	AMOUNT (Rs. In Lakhs)
1	132kV DC/SC line from 220/132kV SS Madugula to 132kV Switching station Godakondla on galvanised towers with Panther ACSR conductor	KM	16	108.00	1728.00
2	132kV Bay Extensions (1 No at 220 kV SS Madugula and 1 No at 132 kV SWS Godakondla)	Nos	2	102.00	204.00
3	Providing of Optical Fibre Communication Facility	Estt.	Estt	65.39	65.39
<b>TOTAL</b>					<b>1997.39</b>
<b>IDC (Interest During Construction)</b>					<b>103.29</b>
<b>Grand Total including IDC</b>					<b>2100.68</b>
<b>Or Say Crores</b>					<b>21.01</b>

5. This is in supersession to the administrative approval issued earlier for erection of 132 kV DC line from 220/132/33 kV SS Madugula to existing 132/33 kV Takkalapally (Yacharam) vide T.O.O (CE-Transmission) Ms. No. 88, Dated: 02.06.2017 for an amount of Rs.1177.00 Lakhs which stands cancelled.
6. The scheme will be executed with the financial assistance from funding agencies and / or with TSTRANSCO funding.
7. The Chief Engineer/ Construction is hereby authorized to take up the above works after funding tie-up and investment approval from Hon'ble TSERC. This authorization is issued with the concurrence of Joint Managing Director (Fin, Comml& HRD) vide Regd.No.5038, Dated.01.12.2022.

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

**Sd/-  
D.PRABHAKAR RAO  
CHAIRMAN & MANAGING DIRECTOR**

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

Copy to:

The Chairman & Managing Director, TSSPDCL, Hyderabad  
The Executive Director (Finance), TSTRANSCO, Vidyut Soudha, Hyderabad.

The Chief Engineer, Comml & RAC, TSTRANSCO, Vidyut Soudha, Hyderabad  
The Chief Engineer, Power systems, TSTRANSCO, Vidyut Soudha, Hyderabad  
The Chief Engineer, Rural Zone, TSTRANSCO, GTS Colony, Erragadda, Hyderabad.  
The Chief Engineer, LIS, TSTRANSCO, Vidyut Soudha, Hyderabad.  
The Chief Engineer, PRLIS, TSTRANSCO, Vidyut Soudha, Hyderabad.  
The Chief Engineer, Transmission, TSTRANSCO, Vidyut Soudha, Hyderabad  
The Chief Engineer, Telecom, TSTRANSCO, Vidyut Soudha, Hyderabad  
The Chief Engineer, P & MM, TSTRANSCO, Vidyut Soudha, Hyderabad.  
SE/T to Chairman & Managing Director, TSTRANSCO, Vidyut Soudha, Hyderabad  
PS to the Joint Managing Director (Fin, Comml & HRD), TSTRANSCO, VS, Hyderabad  
DE/T to Director, Transmission, TSTRANSCO, Vidyut Soudha, Hyderabad  
SE/T to Director, Projects, TSTRANSCO, Vidyut Soudha, Hyderabad  
ADE/T to Director, Lift Irrigation Schemes, TSTRANSCO, Vidyut Soudha, Hyderabad.  
AE/T to Director, Grid Operation, TSTRANSCO, Vidyut Soudha, Hyderabad  
The FA & CCA (Accounts) & CFO, TSTRANSCO, Vidyut Soudha, Hyderabad  
The Superintending Engineer, OMC Circle, TSTRANSCO, Nalgonda.  
The Superintending Engineer/Construction-I, TSTRANSCO, Vidyut Soudha, Hyderabad  
The Divisional Engineer-2/SE/Const-I/O/o CE/Const. TSTRANSCO, Vidyut Soudha, Hyd.  
Central Record Section – 2 copies.

**// FORWARDED BY ORDER//**

**ASSISTANT DIVISIONAL ENGINEER**