



TRANSMISSION CORPORATION OF TELANGANA LIMITED

Sub: Erection of 132 kV DC line from 400/220/132 kV SS Narsapur to 132/33 kV SS Yeldurthy in Medak District – Administrative approval– Accorded.

T.O.O (CE-Construction) Ms.No.1208

Dated: 04.10.2021.

Read the following

O R D E R

The Superintending Engineer/ OMC/ Sangareddy has submitted the proposal for erection of 132 kV DC line from 400/220/132 kV SS Narsapur to 132/33kV SS Yeldurthy and 2nd Circuit stringing from 132/33 kV SS Yeldurthy to 132/33 kV SS Chegunta in Medak District to mitigate overloading on 132 kV Gajwel – Chegunta DC line.

2. The Chief Engineer / Power systems has conducted the load flow studies and communicated the load flow study report stating that, “considering the system losses, voltage profile and line loadings the erection of 132 kV DC line from 400/220/132 kV SS Narsapur to 132/33 kV SS Yeldurthy is found to be technically feasible.”
3. The Chief Engineer/ Telecom has furnished the detailed cost estimate for providing of Optical Fiber Communication facility to the proposed line for an amount of Rs.61.33 Lakhs
4. After careful consideration, TSTRANSCO accords administrative approval for the above scheme at a total cost of Rs.30.58 Crores including IDC considering latest approved material / equipment rates with 10% price escalation & GST @ 18% as per the abstract.

A B S T R A C T					
S	DESCRIPTION	UNIT	QTY	RATE (Rs. In Lakhs)	AMOUNT (Rs. In Lakhs)
1	Erection of 132kV DC line on Galvanized Towers with Panther ACSR conductor from 400/220/132 kV SS Narsapur to 132/33 kV SS Yeldurthy	KM	23	106.00	2438.00
2	Erection of 132 kV feeder bays (2 Nos at Narsapur & 2 Nos at Yeldurthy)	No	4.00	97.00	388.00
3	Providing of Optical Fibre Communication Facility	Estt	Estt	61.33	61.33
TOTAL					2887.33
IDC (Interest During Construction)					170.64
Grand Total including IDC					3057.97
Or say (in crores)					30.58

5. The scheme will be executed with the financial assistance from funding agencies and/or with TSTRANSCO funding in case loan is not sanctioned.
6. The Chief Engineer/ Construction is hereby authorized to take up the above works after funding tie-up and investment approval from the Hon'ble TSERC. This authorization is issued with the concurrence of Joint Managing Director (Fin, Comml & HRD) vide.Regd.No. 3946 , Dated.21.09.2021.

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

**Sd/-
C.SRINIVASA RAO
CHAIRMAN & MANAGING DIRECTOR (FAC)**

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

Copy to:

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, LIS, TSTRANSCO, Vidyut Soudha, Hyderabad
The Chief Engineer, Transmission, TSTRANSCO, Vidyut Soudha, Hyderabad
The Chief Engineer, Rural Zone, TSTRANSCO, GTS Colony, Erragadda, Hyderabad.
The Chief Engineer, Telecom, TSTRANSCO, Vidyut Soudha, Hyderabad

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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 (A/Cs) & CFO, TSTRANSCO, Vidyut Soudha, Hyderabad
The Superintending Engineer, OMC Circle, TSTRANSCO, Sangareddy, Erragadda, GTS
Colony, Hyderabad.
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 //

DIVISIONAL ENGINEER