



TRANSMISSION CORPORATION OF TELANGANA LIMITED

Sub: 2nd circuit stringing on existing 132 kV DC/SC line from 220/132/33 kV Shadnagar SS to 132/33 kV SS Srirangapur in Ranga Reddy District. – Administrative approval – Accorded.

T.O.O (CE-Construction) Ms.No.1461

Dated: 19.08.2022.

Read the following

O R D E R

The Chief Engineer, Metro Zone has submitted the proposal for providing of 2nd source of supply to existing 132/33kV SS Srirangapur in Ranga Reddy District as the 132/33 KV SS Srirangapur is being fed by the 132 KV Shadnagar - Srirangapur DC/SC line which is the only source for the sub-station i.e., radial feeder 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, considering the voltages, line loadings, to meet any emergency conditions and to avoid supply interruption to industrial feeders at 132/33kV Srirangapur SS, the proposal for stringing 2nd circuit on existing 132 kV DC/SC line from 220/132/33 kV Shadnagar SS to 132/33 kV Srirangapur SS is found to be technically feasible.
3. The Chief engineer/ Telecom has informed that, PLC communication is available on 1st circuit of 132kV Shadnagar - Srirangapur and further Optical Fiber Communication has been proposed in PSDF scheme (Reliable communication) on above line. There by no additional communication equipment is required.
4. After careful consideration, TSTRANSCO accords administrative approval for the above scheme at a total cost of Rs.5.79 Crores including IDC considering latest approved material/ equipment rates, price escalation @ 10%, GST @ 18% and the field quantities 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	2nd circuit stringing on existing 132 kV DC/SC line from 220/132/33 kV Shadnagar SS to 132/33 kV SS Srirangapur with Panther ACSR conductor (including 2 Nos Narrow Base Towers)	KM	13.4	25.00	335.00
2	132kV Bay Extensions (1 No at 220/132/33 kV SS Shadnagar & 1 No at 132/33 kV SS Srirangapur)	Nos	2	102.00	204.00
TOTAL					539.00
IDC (Interest During Construction)					39.82
Grand Total including IDC					578.82
Or Say in Crores					5.79

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. This authorization is issued with the concurrence of Joint Managing Director (Fin, Comml & HRD) vide Regd. No. 3377, Dated.27.07.2022.

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 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, Metro Zone, TSTRANSCO, GTS Colony, Erragadda, 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

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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, Metro-West, Erragadda, Hyd.
The Superintending Engineer/Construction-I, TSTRANSCO, Vidyut Soudha, Hyderabad
The Divisional Engineer-1/SE/Const-I/O/o CE/Const. TSTRANSCO, Vidyut Soudha, Hyd
Central Record Section – 2 copies.

// FORWARDED BY ORDER //

DIVISIONAL ENGINEER