



TRANSMISSION CORPORATION OF TELANGANA LIMITED

Sub: Erection of 132/33 kV Sub-Station at Nuthankal (V) & (M) in Suryapet District instead of 132/33 kV Aipoor SS in Suryapet District. – Administrative approval – Accorded.

T.O.O (CE-Construction) Ms.No.1330

Dated: 10.03.2022.

Read the following

O R D E R

The administrative approval was accorded for erection of 132/33 kV substation at Aipoor Village of Atmakoor (S) Mandal in Nalgonda District vide T.O.O. (CE-Transmission) Ms. No.195, Dated: 14.10.2015 for an amount of Rs.2132.12 Lakhs. The work was not taken up due to non availability of land and the substation site has changed to Nuthankal (V) & (M) in Suryapet District.

2. The Superintending Engineer/ OMC/ Nalgonda has furnished the feasibility report for erection 132/33 kV Sub-Station at Nuthankal (V) & (M) in Suryapet District and the Chief General Manager/Projects/ TSSPDCL has furnished the 33 KV load data.
3. The Chief Engineer/ Power systems has conducted the load flow studies and communicated the study report stating that, considering system EHT losses, it is found to be technically feasible for erection of 132 kV DC/SC line from 400/220/132 kV Suryapet SS to the newly proposed 132/33 kV Nuthankal SS (in lieu of 132/33 kV Aipoor SS) in Suryapet District.
4. The Chief Engineer / Telecom has furnished the detailed cost estimate for providing Optical Fiber Communication facility to the proposed 132/33 kV Nuthankal Sub-station.
5. After careful consideration, TSTRANSCO accords administrative approval for the above scheme at a total cost of Rs.30.55 Crores including IDC considering latest approved material/ equipment rates, price escalation @ 10% & 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	Erection of 132/33kV Sub-station at Nuthankal in Suryapet District with PTRs capacity of (2x50 MVA) + (1x10/16 MVA Released.)	No	1	1558.00	1558.00
2	Stringing of 2nd circuit from Loc.No.16 to Loc.No.75 (Tapping Tower) on existing 132kV DC/SC line from 400/220/132 kV SS Suryapet to 132/33kV SS Thungathurthy towers with Panther ACSR conductor	KM	16.5	16.00	264.00
3	Erection of 132kV DC/SC line from Loc.No.75 (Tapping tower) to proposed to 132/33kV SS Nuthankal on Galvanised towers with Panther ACSR conductor	KM	9.5	92.00	874.00
4	132 kV Bay extension at 400/220/132kV SS Suryapet	Nos	1	95.00	95.00
5	Providing of Optical Fibre Communication Facility	Estt.	Estt	53.59	53.59
TOTAL					2844.59
IDC (Interest During Construction)					210.14
Grand Total including IDC					3054.73
Or Say Crores					30.55

6. This is in supersession to the administrative approval issued earlier for erection of 132/33 kV substation at Aipoor Village of Atmakoor (S) Mandal in Nalgonda District vide T.O.O (CE-Transmission) Ms. No.195, Dated: 14.10.2015 for an amount of Rs.2132.12 Lakhs which stands cancelled.
7. The scheme will be executed with the financial assistance from funding agencies and / or with TSTRANSCO funding.
8. 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, Comm & HRD) vide Regd. No.865, Dated. 26.02.2022.

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, 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
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 //

DIVISIONAL ENGINEER