

TRANSMISSION CORPORATION OF TELANGANA LIMITED

Sub :- Administrative approval for erection of 132/33 kV Gas Insulated Sub-Station (GIS) at Manikonda in Ranga Reddy District along with connected line with 132 KV XLPE UG cable - Accorded.

Ref: T.O.O (CE-Construction) Ms. No. 119, Dated: 06.07.2015.

T.O.O (CE-Construction) MS.No.402

Dated: 08.07.2019.

Read the following

ORDER

Administrative approval was accorded for the erection of 132/33 kV Substation at Ibrahimbagh in Ranga Reddy District along with connected line vide T.O.O. MS. No.119, Dated: 06.07.2015 for an amount of Rs. 3717.00 Lakhs

2. The Superintending Engineer/ Construction-1/ Vidyuth Soudha, has informed that “the orders were issued for handing over of advance possession of land to the extent of Ac.1-26 guntas in Sy No.265/2 of Manikonda Jagir village, Gandipet Mandal vide Proceedings. No. LC1/4849/2017, Dt:18.08.2018 as the land is not available at the place of Ibrahimbagh for construction of earlier approved 132/33 KV SS at Ibrahimbagh.
3. The Superintending Engineer/Metro-West, TSTransco. has furnished the 132 KV connectivity to the proposed 132/33 kV Manikonda SS by making LILO of existing 132 KV SC Line from 220 KV SS Shivarampally to 132 kV SS E'gadda with laying of 132 KV XLPE UG cable and Superintending Engineer/ Operation/ Cyber city/ TSSPDCL has furnished the 33 KV load data of the scheme area.
4. The Chief Engineer/ Power systems has conducted the load flow studies and stated that, considering system EHT losses, it is found to be technically feasible to make LILO of existing 132 kV Erragadda - Shivarampally line to proposed Manikonda SS with a LILO length of about 2 km considering 400/220/132 kV Raidurg SS

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5. After careful consideration, TSTRANSCO accords administrative approval for the above scheme at a total cost of Rs.107.18 Crores including IDC considering the field estimates for material & labour and cost estimate for providing communication facility as per the break up detailed below :

A B S T R A C T
132 / 33 kV GIS Sub-Station, Manikonda

S.No	DESCRIPTION	UNIT	QTY	RATE	AMOUNT in Lakhs
1	Erection of 132/33 kV GIS Sub-Station at Manikonda with 2 X 80 MVA PTRs	Nos.	Est	4553.15	4553.15
2	LILO of existing 132 kV Shivarampally-Erragadda SC OH feeder between Loc No.80 and Loc No.81 with laying of 132 KV XLPE UG cable of 1200 Sq mm for cable length of 2.5 Km.	Km	Est	5229.75	5229.75
3	Providing of OFC Communication Facility	Est	Est	145.02	145.02
TOTAL					9927.92

or say Rs. 99.28 Crores
Including IDC Rs.107.18 Crores

6. This is superseding to the administrative approval issued earlier for erection of 132/33 kV SS Ibrahimbagh in Ranga Reddy District along with connected line vide T.O.O (CE-Construction) Ms. No. 119, Dated: 06.07.2015 for an amount of Rs. 3717.00 Lakhs which stands cancelled.
7. The scheme will be executed with the financial assistance from Funding Agencies and with TSTRANSCO funding in case full loan is not sanctioned.
8. The Chief Engineer/ Construction is hereby authorized to take up the above works after funding tie-up and investment approval from TSERC. This authorization is issued with the concurrence of Joint Managing Director (Fin,Comml & HRD) vide Regd. No.2782, Dated.01.07.2019.

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 (LIS), TSTRANSCO, Vidyut Soudha, 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, Transmission, TSTRANSCO, Vidyut Soudha, Hyderabad

The Chief Engineer, Metro Zone, TSTRANSCO, 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

DE/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/Metro-Central, TSTRANSCO, Hyderabad..

The Superintending Engineer/Construction-I, TSTRANSCO, Vidyut Soudha, Hyderabad

The Divisional Engineer-1/SE/Const-I/O/o CE/Const. TSTRANSCO, Vidyut Soudha, Hyd
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