

TRANSMISSION CORPORATION OF TELANGANA LIMITED

Sub: Erection of 132/33 KV Sub-Station at Patancheru in Sangareddy District (erstwhile Medak District) – Administrative approval– Accorded

T.O.O (CE-Construction) Ms.No.375

Dated: 03.06.2019

Read the following

O R D E R

The proposal for erection of 132/33 KV Sub-Station Patancheru in Sangareddy District was received from the Chairman and Managing Director TSSPDCL as the Manjeera water pumping station located at Patancheru which is the main drinking water source to all important commercial and residential zones in cyberabad limits. With the proposed 132 KV Patancheru SS, the Manjeera pumping station will be only 1 KM away and any interruption can be completely eliminated, the length of all 33KV feeders will come down to less than 10KMs and all 33KV feeders can be brought into Ring Main network, thus developing more no of alternate sources to each feeder, thereby improving reliable and quality power supply to major revenue source industrial consumers and to the residential/commercial areas of Patancheru division which are falling within GHMC limits. Also sufficient land is available at the existing 33/11 KV Patancheru Sub-station premises.

2. The Chief Engineer/Rural zone has furnished the feasibility for erection of 132 KV line from Loc.No.16 of the existing 132 KV line from 132/33 KV SS RC Puram – My Home Cements SS to the proposed 132/33 KV Sub-station at Patancheru for a line length of 4.7 KM Ltd. With the following proposals.
 - i. To erect new 132 KV DC/SC line for a length of 3.5 KM from Loc.No.16 to Loc.No.26 with Narrow Based Towers duly casting new foundations where ever necessary.
 - ii. To erect new 132KV DC/SC line from Loc.No.26 to the proposed 132/33 KV SS Patancheru (33/11 KV SS premises) in full shape, for a length of 1.2 KM with narrow based towers.

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- iii. To accommodate the existing 33KV and 11KV lines on the proposed 132KV towers, to make corridor for 132KV line.
 - iv. To make a provision of Rs.10,00,000/- towards strengthening of existing towers.
3. In view of the above, the new 132/33 KV substation at Patancheru is required to improve reliable and quality power supply to the industrial loads of the area..
 4. The Chief Engineer, Telecom has furnished the detailed cost estimate for providing Optical Fiber Communication facility to the Proposed 132/33KV Patancheru SS for an amount of Rs.57.1674Lakhs
 5. After careful consideration, TSTRANSCO accords administrative approval for the above scheme at a total cost of Rs.2363.53 Lakhs considering latest approved material / equipment rates with 10% of price escalation & GST @ 18% as per the break up detailed below :

A B S T R A C T					
SNo	DESCRIPTION	UNIT	QTY	RATE (Rs. In Lakhs)	AMOUNT (Rs. In Lakhs)
1	Erection of 132/33 kV Sub-Station at Patancheru, Sangareddy Dist with 2 X 31.5 MVA PTRs	Nos	1	1383.00	1383.00
2	Erection of 132 KV DC/SC line with ACSR Panther conductor from Loc.no.16 (of existing 132 KV line from RC Puram to M/s MHPL) to proposed 132/33 KV Patancheru substation on Narrow Base Towers.	KM	4.7	153.00	719.10
3	Providing of OFC Communication Facility	LS	LS	57.17	57.17
4	Provision towards strengthening of existing towers	LS	LS	10.00	10.00
TOTAL					2169.27

Including IDC Rs. 2363.53 Lakhs

6. The scheme will be executed with the financial assistance from funding agencies and with TSTRANSCO funding in case full loan is not sanctioned.
7. The Chief Engineer/ Construction is hereby authorized to take up the above works after funding tie-up and investment approval from the TSERC. This authorization is issued with the concurrence of Joint Managing Director (Fin, Comml & HRD) vide Regd. No.800, Dated.20.02.2019.

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8. In exercise of the powers conferred by G.O. Ms. No. 26 dated 03.09.2015, TSTRANSCO or their authorized representatives shall have the powers that the Telegraphic Authority possesses under the provision of the Indian Telegraph Act 1885 (13 of 1885) for placing of any wires, poles, towers etc., for Transmission of electricity or for the purpose of telephonic or telegraphic communication facility necessary for the proper coordination of the works of the TRANSCO.

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, Rural 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 Circle, TSTRANSCO, Sangareddy.

The Superintending Engineer, Operation Circle, TSSPDCL, Sangareddy.

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

The Divisional Engineer-2/SE/Const-I/O/o CE/Const. TSTRANSCO, Vidyut Soudha, Hyd
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