

TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

Sub: Revised administrative approval for erection of 132/33 kV Substation at Yeldurthy in Medak district along with connected 132 kV & 33 kV lines – Accorded.

T.O.O (CE-Construction-I) Ms. No. 173

Dated: 03.09.2012

APCPDCL have proposed for erection of 132/33 kV substation at Yeldurthy in Medak district to meet increased load on 33/11 kV substations and also to reduce 33 kV line losses. Load flow studies were conducted by the Chief Engineer (Power Systems) for erection of above 132/33 kV substation and it is observed that the 132/33 kV substation at Yeldurthy in Medak district is essential to reduce the overloaded 33 kV feeders and 33 kV substations and to improve voltage conditions and quality & reliability of power supply in the area

Subsequently administrative approval issued vide TOO No. CE(Construction-I) Ms. No. 90 Dt. 06.06.2011 for construction of 132/33 kV Substation at Yeldurthy in Medak district along with 18.00 KM of 132kV DC/SC line from Chegunta 132 kV Substation to the proposed 132/33 kV Yeldurthy Substation at an amount of **Rs. 1789 .00 Lakhs**

Superintending Engineer / Rural Zone / Hyderabad submitted that due to costly lands near and around 132/33 kV substation Chegunta there is no corridor available for crossing Hyderabad – Nagpur road (NH-7), the 132 kV XLPE UG cable is proposed for a route length of 0.7 KM from 132/33 kV substation chegunta to AP.No.1 i.e proposed for 18.00 KM (17.30 KM DC/SC line + 0.70 KM XLPE UG cable) of 132kV DC/SC line from Chegunta 132 kV Substation to the proposed 132/33 kV Yeldurthy Substation

After careful consideration, APTRANSCO accords revised administrative approval for erection of 132/33 kV Substation at Yeldurthy in Medak district along with 18.00 KM (17.30 KM DC/SC line + 0.70 KM XLPE UG cable) of 132kV DC/SC line from Chegunta 132 kV Substation to the proposed 132/33 kV Yeldurthy Substation as below at an amount of **Rs. 2307.00 Lakhs**. The earlier administrative approval issued vide TOO No. CE (Construction-I) Ms. No. 90 Dt. 06.06.2011 for **Rs. 1789.00 Lakhs** for the above works is herewith cancelled.

ABSTRACT OF THE ESTIMATE

Sl.No	Description	Unit	Qty	RATE PER UNIT Rs.LAKHS	AMOUNT IN Rs.LAKHS
1	132/33 kV Substation at Yeldurthy with 2 x 31.5 MVA PTR Capacity (Radial)	No	1	980.00	980.00
2(a)	132kV XLPE Cable from Chegunta 132 kV Substation to AP.No. 1	KM	0.7	640.00	448.00
2(b)	132kV DC/SC line from Chegunta 132 kV Substation to the proposed 132/33 kV Yeldurthy Substation	KM	17.30	42.00	726.60
3	132 kV Bay extension at Chegunta 132 kV Substation	No	1	76.00	76.00
4	33 kV line with 100 Sqmm AAAC	KM	25.00	2.50	62.50
5	Communication facility(PLCC)	No	1	13.00	13.00
	Total cost of works				2306.10

Or Say Rs. 2307.00 Lakhs

The scheme will be executed with financial assistance from M/s.NABARD financial institution and with APTRANSCO funding in case of full loan is not sanctioned by M/s.NABARD. The cost of the 33 kV lines at Item No. 4 of the above Abstract of Estimate will be borne by APCPDCL.

The Chief Engineer / Construction-I is hereby authorized to take up the above works after revised investment approval is obtained from APERC. This authorization is issued with the concurrence of Director (Finance & Revenue) vide U.O. No. 3191 Dated. 22.08.2012.

“In exercise of the powers conferred by G.O. Ms. No. 115 dated 07.10.2003 of Government of Andhra Pradesh, APTRANSCO 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 APTRANSCO.

BY ORDER AND IN THE NAME OF TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

Sd/-
DIRECTOR/ TRANSMISSION

To,
The Chief Engineer/Construction-I/Vidyut Soudha/Hyderabad.

Copy to:

The Chairman & Managing Director/APCPDCL.
The Executive Director / Planning, RAC & Reforms/V.S./Hyd
The Chief Engineer/Construction-II/Vidyut Soudha/Hyderabad.
The Chief Engineer /Power Systems
The Chief Engineer/Rural Electrification & Operation
The Chief Engineer/ Transmission
The Chief Engineer /Lift Irrigation
The Chief Engineer/Rural Zone/Hyderabad.
The Chief Engineer/Telecom/VS/Hyderabad.
FA & CCA (CF)/Vidyut Soudha/Hyderabad.
FA & CCA (A&E)/Vidyut Soudha/Hyderabad.
The Superintending Engineer/TL&SS/Nalgonda.
The Superintending Engineer/TLC/Rural / Hyderabad
The Superintending Engineer/Op/Nalgonda.
The Superintending Engineer/PM-I/Construction-I/VS/Hyd.
The Superintending Engineer/PM-II/Construction-II/VS/Hyderabad
Personal Secretary to the Chairman & Managing Director
Personal Secretary to the Joint Managing Director (Distribution)
Personal Secretary to the Joint Managing Director / HRD Comml, IPC,& IT
Personal Secretary to the Joint Managing Director/Vigilance & Security,
Personal Secretary to the Director/Finance & Revenue,
Personal Secretary to Director/Projects
Personal Secretary to Director/Grid Operation
DE (T) to Director/Transmission
DE-4 of SE/PM- I O/o CE/Construction-I
T.O.O Section.

FORWARDED BY ORDER

ASSISTANT DIVISIONAL ENGINEER