

TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

Sub: Revised administrative approval for erection of 132/33 kV substation at G.Chodavaram in Vizianagaram district along with connected 132 kV & 33 kV lines – Accorded.

Ref : T.O.O (CE-Construction-I) Ms. No. 6 Dt. 06.04.2011

T.O.O (CE-Construction-I) Ms. No. 287

Dated: 28.12.2012

APEPDCL have proposed for erection of 132/33 kV substation at G.Chodavaram in Vizianagaram 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 G.Chodavaram in Vizianagaram 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 T.O.O (CE-Construction-I) Ms. No. 6 Dt. 06.04.2011 for erection of 132/33 kV Substation at G.Chodavaram in Vizianagaram district along with 35.00 KM of 132kV DC/SC line from 220/132kV Garividi Substation to the proposed 132/33 kV G.Chodavaram Substation at an amount of **Rs. 2276 .00 Lakhs.**

Chief Engineer/Zone/Visakhapatnam has submitted the proposal for laying 9.00 KM of 132 kV DC/SC line from the proposed 220/132 kV Pydibhimavaram SS (for which administrative approval was accorded vide T.O.O (CE - Construction / 400 kV) Ms.No. 116 dated 29.06.2012) to the proposed 132/33 kV G.Chodavaram Substation instead of laying 35.00 KM of 132 kV DC/SC line from 220/132 kV Garividi substation. The proposed G.Chodavaram site is approximately 9.00 KM away from the proposed 220/132 kV Pydibhimavaram substation

After careful consideration, APTRANSCO accords revised administrative approval for erection of a 132/33 kV substation at G.Chodavaram in Vizianagaram district at a total cost of **Rs. 1354 .00 Lakhs** as per the break up indicated below: The earlier T.O.O. (CE-Construction-I) Ms. No. 6 Dt. 06.04.2011 for an amount of **Rs. 2276 .00 Lakhs.** issued for the above works is herewith cancelled.

ABSTRACT OF THE ESTIMATE

Sl. No.	Description	Qty	Unit	RATE PER UNIT Rs.LAKHS	AMOUNT IN Rs.LAKHS
1	132/33 kV Substation at G.Chodavaram with 1 x 31.5 + 1 x 16 MVA (Released) PTR Capacity (Radial)	No	1	845.00	845.00
2	132kV DC/SC line from proposed 220/132 kV Pydibhimavaram Substation to the proposed 132/33 kV G.Chodavarm Substation	M	9.00	42.00	378.00
3	132 kV Bay extension at Pydibhimavaram 220/132 kV Substation	No	1	76.00	76.00
4	33 kV line with 100 Sqmm AAAC	KM	15.30	2.50	38.25
5	Communication facility(PLCC)	No	1	16.53	16.53
	Total cost of works				1353.78

() Estimate with 1 x16 MVA released Power Transformer. Or Say Rs. 1354.00 Lakhs**

The scheme will be executed with financial assistance from M/s Rural Electrification Corporation Limited, New Delhi and with APTRANSCO funding in case full loan is not sanctioned by M/s Rural Electrification Corporation Limited. The cost of the 33 kV lines at Item No.4 of the above Abstract of Estimate will be borne by APEPDCL.

The Chief Engineer / Construction-II 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. 4617 Dated; 13.12.2012.

“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/APEPDCL.
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/EA,O, RE&IT
The Chief Engineer/ Transmission
The Chief Engineer /Lift Irrigation
The Chief Engineer/ Zone/ Visakhapatnam
The Chief Engineer/Telecom/VS/Hyderabad
FA & CCA (CF)/Vidyut Soudha/Hyderabad
FA & CCA (A&E)/Vidyut Soudha/Hyderabad
The Superintending Engineer/TL&SS/ Visakhapatnam
The Superintending Engineer/TLC/ Visakhapatnam
The Superintending Engineer/Op/APEPDCL/ Vizianagaram
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
Personal Secretary to Director/Transmission
DE-2 of SE/PM- II O/o CE/Construction -II
T.O.O Section

FORWARDED BY ORDER

ASSISTANT DIVISIONAL ENGINEER