

TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

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

T.O.O (CE-Construction-I) Ms. No. 334

Dated: 19.12.2011

APCPDCL have proposed for erection of 132/33 kV substation at Penukonda in Anantapur 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 Penukonda in Anantapur 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. 7 dated 06.04.2011 for construction of 132/33 kV Substation at Penukonda in Anantapur district along with 1 KM of 132kV LILO line from 132 kV Hindupur-Dharmavaram to the proposed 132/33 kV Penukonda Substation at an amount of **Rs. 914.00 Lakhs**

M/s. Re Gen Power Tech Private Limited who is a prospective wind power developer informed that they are willing to construct the evacuation facilities as follows as a part of their evacuation which is also recommended by SE/TLC/Kadapa.

a) M/s. Re Gen Power Tech Private Limited will erect 132/33 kV pooling station at their wind power project site.

b) 132 kV DC/SC line is to be laid from the 132/33 kV pooling station of M/s. Re Gen Power Tech Private Limited to the proposed 132kV Penukonda Switching station. The approximate length of the line is 8 KM.

c) The proposed 132 kV Penukonda Switching Station will be erected with 132 kV Bus in two sections each section to accommodate two feeders. One section will accommodate the 132 kV LILO line of Hindupur- Dharmavaram 132 kV line (1 KM approx.) and another section will accommodate one feeder of M/s. Re Gen Power Tech Private Limited at present and 2 nd feeder of M/s. Re Gen Power Tech Private Limited in future.

d) M/s Re Gen Power Tech Private Limited will erect 132 kV LILO line from 132 kV Hindupur- Dharmavaram line to the 4Nos. 132 kV bays.

After careful consideration, APTRANSCO accords revised administrative approval for erection of 33 kV features at proposed 132 kV Penukonda switching station in Anantapur district at an amount of **Rs. 480.00 Lakhs** as per the break up indicated below: The earlier T.O.O. (CE-Construction-I) Ms. No. 7 dated 06.04.2011 for **Rs. 914 .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	Providing 33kV features at 132 kV Penukonda switching station with 1 x 16 + 1 x31.5 MVA PTR Capacity	No	1	452.00	452.00
2	33 kV line with 100 Sqmm AAAC	KM	10.90	2.50	27.25
	Total cost of works				479.25

() Estimate with 31.5 MVA and 16 MVA released Power Transformer.**

Or Say Rs. 480.00 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.2 of the above Abstract of Estimate will be borne by APCPDCL.

The Chief Engineer / Construction-II is hereby authorized to take up the above works. This authorization is issued with the concurrence of Director (Finance & Revenue) vide U.O. No. 4574 Dated 03.12.2011.

“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/EA,O, RE&IT
The Chief Engineer/ Transmission
The Chief Engineer /Lift Irrigation
The Chief Engineer/Kadapa Zone/ Kadapa
The Chief Engineer/Telecom/VS/Hyderabad
FA & CCA (CF)/Vidyut Soudha/Hyderabad
FA & CCA (A&E)/Vidyut Soudha/Hyderabad
The Superintending Engineer/TL&SS/Kurnool
The Superintending Engineer/TLC/Kurnool
The Superintending Engineer/Op/APCPDCL/Anantapur
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), HRD
Personal Secretary to the Joint Managing Director / Comml, IPC,Reforms,RA&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-1 of SE/PM- IIO/o CE/Construction-II
T.O.O Section.

FORWARDED BY ORDER

ASSISTANT DIVISIONAL ENGINEER