

**TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED**

**Sub:** Revised administrative approval for erection of 220/132 kV substation at Manthani in Karimnagar District along with connected EHT lines – Accorded.

**T.O.O (CE-Construction-I) Ms.No. 232**

**Dated: 29.10.2012**

APNPDCL has proposed for erection of 220/132 kV substation at Manthani in Karimnagar district for providing reliable supply to the Domestic, Commercial and Agricultural loads near Manthani, Kataram, Chennur and Chelpur area.

Subsequently administrative approval for erection of 220/132 kV substation at Manthani in Karimnagar district was issued vide T.O.O (CE-Construction-I) Ms. No. 304 Dated. 30.03.2010, including (i) Erection of 220kV DC Line for LILO of one circuit of 220 kV RSS–Warangal DC Line to the proposed 220kV Sub-Station, Manthani for a length of 25.00 KM, (ii) Erection of 132kV DC Line for LILO of 132 kV RSS-Kamalapur feeder to proposed 220kV Sub-Station, Manthani for a length of 16.00 KM and (iii) Erection of 132kV DC Line for LILO of 132kV RSS-OCM feeder DC line to 132kV SS, Chelpur for a length of 3.00 KM for an amount of **Rs. 4966.00 Lakhs.**

Revised Administrative Approval, for erection of 132/33 kV Sub-Station at Kamanpur of Karimnagar District was issued vide T.O.O (CE-Construction-I) Ms. No. 213 Dt. 13.10.2012 for an amount of **Rs. 2511.00 Lakhs** along with the following 132 kV lines to the proposed 132/33 kV Kamanpur as below :

- i) Erection of 132kV DC/SC line with multi circuit towers from Manthani 220 kV SS up to 15KM (AP 10) to accommodate both 132kV DC/SC line to Kamanpur SS & 132 kV LILO line from 132kV RSS-Kamalapur line:- 15 KM
- ii) Erection of 132 kV DC/SC line (normal towers) from Loc. No. AP 10 to proposed 132kV Kamanpur SS : - 8.5 KM

In view of the above, it is necessary to revise the item (3) of T.O.O. (CE-Construction-I) Ms. No. 304 Dated. 30.03.2010 i.e., 132 kV LILO to the proposed 220 kV SS Manthani from 132 kV RSS – Kamalapur feeder as indicated below

3(a).	Stringing of two circuits on the already proposed multi-circuit towers from the proposed 220 kV SS, Manthani to Location No. AP 10 of 132kV Line from proposed 220kV SS, Manthani to the proposed 132kV SS, Kamanpur	KM	15
(b)	Erection of 132 kV DC Line from Location No. AP – 10 of 132 kV Kamanpur Line to the Tap point of 132 kV RSS – Kamalapur DC Line	km	2.50

After careful consideration, APTRANSCO accords revised administrative approval for erection of 220/132 kV Substation at Manthani in Karimnagar district for an amount of **Rs. 5139.00 Lakhs** as per the break up detailed below: The administrative approval issued vide T.O.O No. CE (Construction-I) Ms. No. 304 Dt. 30.03.2010 for **Rs.4966.00 Lakhs** stands cancelled.

Sl. No	Description	Unit	Qty	Rate Per Unit Rs. Lakhs	Amount In Rs. Lakhs
1	220/132kV Substation at Manthani with 2*100 MVA PTR Capacity	No	1	2238.00	2238.00
2	220kV LILO to proposed 220kV SS, Manthani from 220kV RSS-Warangal DC line	KM	25	79.70	1992.50
3(a).	Stringing of two circuits on the already proposed multi-circuit towers from the proposed 220 kV SS, Manthani to Location No. AP 10 of 132kV Line from proposed 220kV SS, Manthani to the proposed 132kV SS, Kamanpur	KM	15	20.60	309.00
(b)	Erection of 132 kV DC Line from Location No. AP – 10 of 132 kV Kamanpur Line to the Tap point of 132 kV RSS – Kamalapur DC Line	KM	2.5	51.00	127.50
4	132kV LILO to 132kV Chelpur SS from 132 kV RSS - OCM feeder DC line	KM	3	51.00	153.00
5	132kV Bay extensions at 132kV Chelpur SS	No	2	76.00	152.00
6	Communication facility	No	1	167.00	167.00
	<b>Total cost of works</b>				<b>5139.00</b>

The scheme will be executed with financial assistance from PFC/Other financial institutions and with APTRANSCO funding in case full loan is not sanctioned by PFC/Other financial institutions.

The Chief Engineer / Construction-I is hereby authorized to take up the above works after investment approval is obtained from APERC. This authorization is issued with the concurrence of Director (Finance & Revenue) vide U.O. No. 3953 Dated 19.10.2012.

“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/APNPDCL.

The Executive Director / Planning, RAC & Reforms /V.S., Hyd.

The Chief Engineer/ Construction-II / VS / 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/Telecom/VS/Hyderabad

The Chief Engineer/Zone/Warangal.

FA & CCA (R&A)/Vidyut Soudha/Hyderabad

FA & CCA (A&EA)/Vidyut Soudha/Hyderabad

The Superintending Engineer/TLC/Karimnagar

The Superintending Engineer/TL &SS/Karimnagar

The Superintending Engineer/Op/Karimnagar, APNPDCL

The Superintending Engineer/PM-I Construction-I/VS/Hyderabad

The Superintending Engineer/PM-II Construction-II/VS/Hyderabad

Personal Secretary to the Chairman & Managing Director

Personal Secretary to the Joint Managing Director/HRD, Commercial, IPC& Reforms

Personal Secretary to the Joint Managing Director/Vigilance & Security

Personal Secretary to the Joint Managing Director/Distribution

Personal Secretary to the Director/Finance & Revenue

Personal Secretary to Director/Projects

Personal Secretary to Director/Grid Operation

DE (T) to Director/Transmission

DE - 3 of SE/PM-I, O/o CE/Construction-I

T.O.O Section

**FORWARDED BY ORDER**

**ASSISTANT DIVISIONAL ENGINEER**