

## TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

**Sub:** Administrative approval for erection of 132 kV LILO line from existing 132 kV APC Kurnool – Gadwal line to 132/33 kV Alampur substation in Mahaboobnagar district – Accorded.

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**T.O.O (CE-Construction-I) MS. No. 284**

**Dated: 20.12.2012**

Chief Engineer / Rural Zone/Hyderabad submitted that the 220 kV APC Kurnool substation is feeding loads of 132 kV SS Alampur and 132 kV SS Gadwal, 132 kV Alampur substation is feeding loads of 132 kV Chinamaroor SS and 132 kV SS leeza. 132 kV line to leeza substation is extended with new bay at Alampur SS and is commissioned on 27.01.2012 . The type of conductor existing is panther strung on DC/SC towers from APC Kurnool substation to Alampur to leeza. Out of two circuits from APC Kurnool substation, one is APC Kurnool – Alampur and the second one is APC Kurnool – Gadwal. Presently, both Alampur SS and leeza SS are loaded with 2 x16 MVA Power Transformer capacity.

Further the loads are increasing drastically and the total capacity of the two substations is expected to become 4 x 31.5 MVA. It would be difficult to feed this load with the present single circuit from APC Kurnool substation to Alampur Substation. Hence, proposed to make the 132 kV APC Kurnool - Gadwal line LILO at 132/33 kV Substation Alampur to meet the future load growth.

Chief Engineer/Power systems recommended for erection of LILO line from existing 132 kV APC Kurnool – Gadwal line to 132/33 kV Alampur substation, as the EHT system losses will be reduced by 1.3 MW and the line loadings are within the limits with this arrangement.

Chief Engineer/Construction-I formulated a scheme for erection of 132 kV LILO line from existing 132 kV APC Kurnool – Gadwal line to 132/33 kV Alampur substation in Mahaboobnagar district and has proposed to pose the scheme to M/s. Power Finance Corporation Ltd., New Delhi / M/s Rural Electrification Corporation / and other financial institutions for sanction of loan.

After careful consideration, APTRANSCO accords approval for the above scheme at a total cost of **Rs. 218.00 Lakhs** with latest SSR rates as per the break up indicated below:

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**ABSTRACT OF ESTIMATE**

SL. No.	DESCRIPTION	UNIT	QTY	RATE PER UNIT Rs.LAKHS	AMOUNT IN Rs.LAKHS
1	132 kV LILO line from existing 132 kV APC Kurnool – Gadwal line to 132/33 kV Alampur substation	KM	1.00	51.00	51.00
2	132 kV Bays at 132 /33 kV Alampur substation	No.	2	76.00	152.00
3	Communication facility	No	1	14.37	14.37
	<b>Total</b>				<b>217.37</b>

**Or Say 218.00 Lakhs**

The scheme will be executed with financial assistance from M/s REC / M/s PFC / other funding agencies and with APTRANSCO funding in case full loan is not sanctioned by M/s REC / M/s PFC/other funding agencies

The Chief Engineer / Construction-I is hereby authorized to take up the above works after financial tie-up is completed. This authorization is issued with the concurrence of Director (Finance & Revenue) vide U.O. No. 4565 Dated; 10.12.2012.

“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/APCPDCL.

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

The Chief Engineer/Construction-II/Vidyut Soudha/Hyderabad

The Chief Engineer /Power Systems

Copy to:

The Chief Engineer/EA,O, RE&IT  
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/ Mahaboobnagar  
The Superintending Engineer/TLC/ Rural/Hyderabad  
The Superintending Engineer/Op/APCPDCL/ Mahaboobnagar  
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-4 of SE/PM- I O/o CE/Construction -I  
T.O.O Section

**FORWARDED BY ORDER**

**ASSISTANT DIVISIONAL ENGINEER**