

## TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

**Sub:** Administrative approval for erection of 132 kV DC/SC line from 132 kV Gurrarakonda substation to 132 kV Sambepally substation and 132 kV Bays at 132 kV SS Gurrarakonda and 132 kV SS Sambepalli – Accorded.

**T.O.O (CE-Construction-I) MS. No.448**

**Dated:22.02.2012**

The SE/TLC/Kadapa informed that the existing 132/33 kV SSs at Gurrarakonda and Sambepalli are fed radially from Kalikiri and Rayachoti respectively. There is no alternate source to these two substations. Further the Rayachoti 132 kV SS is radially fed from C.K.Palli and there is no alternate source. To connect these substations to the grid and to provide alternate source, erection of new 132 kV DC/SC line from Gurrarakonda – Sambepalli is essential and the feasibility report is as follows:

- a) The approximate length of the 132 kV DC/SC line from Gurrarakonda – Sambepalli is 28 KM.
- b) There is no reserve forest in the vicinity of the proposed line.
- c) There is no railway and power lines crossing.
- d) Space provision is available for erection of 132 kV bay extension at Sambepalli and Gurrarakonda.

In view of the above, it is very much essential for erection of 132 kV DC/SC line from Gurrarakonda to Sambepalli as both substations are radial feeding

Hence, it is proposed for erection of 132 kV DC/SC line from Gurrarakonda to Sambepalli and erection of 132 kV Bays at 132 kV SS Gurrarakonda and Sambepalli SS.

Chief Engineer/Construction-I formulated a scheme for erection of 132 kV DC/SC line from 132 kV Gurrarakonda substation to 132 kV Sambepally substation and 132 kV Bays at 132 kV SS Gurrarakonda and 132 kV SS Sambepalli 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. 1232.00 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	Erection of 132 kV DC/SC line from 132 kV Gurrankonda to Sambepalli 132 kV SS	KM	28.00	39.00	1092.00
2	132 kV bay extensions at 132 kV Gurrankonda and 132 kV Sambepalli substations	Nos	2	70.00	140.00
	Total				1232.00

**Or Say 1232.00 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-II is hereby authorized to take up the above works after investment approval is obtained from APERC and financial tie-up is completed. This authorization is issued with the concurrence of Director (Finance & Revenue) vide U.O. No. 520 Dated; 07.02.2012.

“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/APSPDCL.  
The Executive Director / Planning, RAC & Reforms/V.S./Hyd  
The Chief Engineer/Construction-II/Vidyut Soudha/Hyderabad  
The Chief Engineer /Power Systems/Vidyut Soudha/Hyderabad  
The Chief Engineer/EA,O, RE&IT/Vidyut Soudha/Hyderabad  
The Chief Engineer/ Transmission/Vidyut Soudha/Hyderabad  
The Chief Engineer /Lift Irrigation/Vidyut Soudha/Hyderabad

The Chief Engineer/ Kadapal 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/ Kadapa  
The Superintending Engineer/TLC/ Kadapa  
The Superintending Engineer/Op/APSPDCL/ Kadapa  
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, 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-II O/o CE/Construction -I  
T.O.O Section

**FORWARDED BY ORDER**

**ASSISTANT DIVISIONAL ENGINEER**