

TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

Sub: Administrative approval for erection of 2nd circuit stringing on existing 132 kV Markapur – Cumbum line and 2 Nos. 132 kV bays at 220 kV Markapur and 132 kV Cumbum Substations –Accorded.

T.O.O (CE-Construction-I) MS. No. 303

Dated: 08.01.2013

The proposal for erection of 2nd circuit stringing on existing 132 kV Markapur – Cumbum line and 2 Nos. 132 kV bays at 220 kV Markapur and 132kV Cumbum Substations was received from Chief Engineer/Vijayawada zone and stating that only single circuit is existing on the DC towers from 220 kV substation Markapur to 132 kV substation Cumbum with Panther conductor and 2 nd circuit is necessitated due to the following reasons.

- i). The 132 kV supply is extended from 132/33 kV SS Cumbum to 132/33 kV substation Giddalur, and the line is extended from 132 kV Cumbum SS to 132/33 kV Yerragondapalem and 132 kV SS Peddadornala as alternative source.
- ii) The regular supply for 132 kV SS Cumbum and Giddalur SS are feeding from 220 kV Markapur with Max load of 110 MVA.
- iii) During emergencies the supply is extended from 132 kV SS Cumbum to 132 kV SS Y.Palem and 132 kV Peddadornala with an additional load of 86 MVA which causes problem to main Markapur – Cumbum line which lead to unscheduled load relief to all the above substations.
- iv) Space is available for bay extension at both Markapur and Cumbum substations.

Chief Engineer/Construction-I formulated a scheme for erection of 2nd circuit stringing on existing 132 kV Markapur – Cumbum line and 2 Nos. 132 kV bays at 220 kV Markapur and 132 kV Cumbum Substations 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. **496.00 Lakhs** with latest SSR rates as per the break up indicated below:

ABSTRACT OF ESTIMATE

Sl. No	Description	Unit	Qty	Rate Per Unit Rs. in Lakhs	Amount In Rs. in Lakhs
1.	Erection of 132 kV 2 nd circuit stringing on existing 132 kV Markapur – Cumbum line	KM	32.00	11.00	352.00
2.	132 kV bay extensions at 220 kV Markapur and 132 kV Cumbum Substations	No	2	72.00	144.00
	Total cost of works				496.00

Or Say Rs. 496.00 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 financial tie-up is completed. This authorization is issued with the concurrence of Director (Finance & Revenue) vide U.O. No. 4873 Dated; 31.12.2012.

“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/APSPDCL.

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 :- With a request to place the TOO in website

The Chief Engineer/ Transmission

The Chief Engineer /Lift Irrigation

Copy to:

The Chief Engineer/ Vijayawada Zone/ Vijayawada
The Chief Engineer/Telecom/VS/Hyderabad
FA & CCA (CF)/Vidyut Soudha/Hyderabad
FA & CCA (A&E)/Vidyut Soudha/Hyderabad
The Superintending Engineer/TL&SS/ Vijayawada
The Superintending Engineer/TLC/ Vijayawada
The Superintending Engineer/Op/APSPDCL/ Vijayawada
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-3 of SE/PM- II O/o CE/Construction -II
T.O.O Section

FORWARDED BY ORDER

ASSISTANT DIVISIONAL ENGINEER