

## TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

**Sub:** Administrative approval for erection of new 132 kV DC/SC line from 220/132 kV substation Yeddumailaram to 132/33 kV SS Pashamailaram –Accorded.

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**T.O.O (CE-Construction-I) MS. No. 61**

**Dated: 25.05.2012**

During the circulation of proposal for augmentation of Power Transformer capacities at 132 kV substations Narsapur and Kandi, Director (Grid Operation) felt that strengthening of 132 kV system is to be taken up by erection of new 132 kV line from 220/132 kV substation Yeddumailaram to 132/33 kV substation Pashamailaram simultaneously .

The feasibility report and route proposed for the erection of proposed 132 kV DC line from 220/132 kV SS Yeddumailaram to 132/33 kV SS Pashamailaram submitted by SE/TLC/Rural /Hyderabad is as follows.

- a. The space for 132 kV bay extension at 220/132 kV substation Yeddumailaram and at 132/33 kV substation Pashamailaram is available.
- b. The area between 220/132 kV substation Yeddumailaram and 132/33 kV substation Pashamailaram is fully industrial area and there is no corridor for laying of the 132 kV line. As such, it is proposed to lay 132 kV line along the R & B Road boundaries with Narrow Base towers.
- c. The length of the BEE line is 5.6 KM and the proposed line length is 7.0 KM.

Chief Engineer/Construction-I formulated a scheme for erection of 132 kV DC/SC line with Narrow based towers from 220 kV Yeddumailaram SS to 132 kV Pashamailaram SS and erection of 132 kV bays at 220 kV Yeddumailaram SS and Pashamailaram 132 kV SS 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. 931.00 Lakhs** with latest SSR rates as per the break up indicated below:

**ABSTRACT OF ESTIMATE**

| SL. No. | DESCRIPTION  | UNIT | QTY | RATE PER UNIT<br>Rs.LAKHS | AMOUNT<br>IN<br>Rs.LAKHS |
|---------|--|------|-----|---------------------------|--------------------------|
| 1       | 132 kV DC/SC line with narrow based towers from 220 kV Yeddumailaram SS to 132 kV Pashamailaram SS | KM   | 7.0 | 113.00                    | 791.00                   |
| 2       | 132 kV Bay extension at 220 kV Yeddumailaram SS and 132 kV Pashamailaram SS                        | Nos  | 2   | 70.00                     | 140.00                   |
|         | Total  |      |     |                           | <b>931.00</b>            |

**Or Say 931.00 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 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. 1933 Dated 14.05.2012.

“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

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  
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/ Nalgonda  
The Superintending Engineer/TLC/ Rural / Hydrabad  
The Superintending Engineer/Operation/ Nalgonda/APCPDCL.  
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-4 of SE/PM- I O/o CE/Construction -I  
T.O.O Section.

**FORWARDED BY ORDER**

**ASSISTANT DIVISIONAL ENGINEER**