

## TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

**Sub:** Administrative approval for erection of 132/33 kV Substation at Duvva in West Godavari district along with connected 132 kV lines – Accorded.

**T.O.O (CE-Construction-I) Ms. No. 172**

**Dated: 10.09.2013**

APEPDCL have proposed for erection of 132/33 kV substation at Duvva in West Godavari district to meet increased load on 33/11 kV substations and also to reduce 33 kV line losses. Load flow studies were conducted by the Chief Engineer (Power Systems) for erection of above 132/33 kV substation and it is observed that the 132/33 kV substation at Duvva in West Godavari district is essential to reduce the over loaded 33 kV feeders and 33 kV substations and to improve voltage conditions and quality & reliability of power supply in the area.

The Chief Engineer/Construction-I formulated a scheme for erection of a 132/33 kV substation at Duvva in West Godavari district along with connecting 132 kV lines and has proposed to pose the scheme to M/s. Power Finance Corporation Ltd., New Delhi / M/s Rural Electrification Corporation Limited, New Delhi / other funding agencies for sanction of loan.

After careful consideration, APTRANSCO accords administrative approval for the above scheme at a total cost of **Rs. 1706.00 Lakhs** as per the break up indicated below and 33 kV lines will be laid by APEPDCL.

### ABSTRACT OF THE ESTIMATE

Sl. No.	Description	Unit	Qty	RATE PER UNIT Rs.LAKHS	AMOUNT IN Rs.LAKHS
1	132/33 kV Substation at Duvva with 1 x 31.5 + 1 x 16 MVA (Released) PTR Capacity (Radial)	No	1	687.00	687.00
2	132kV DC/SC line from 132 kV Pedatadepally Substation to the proposed 132/33 kV Duvva Substation	KM	15.00	42.00	630.00
3	Erection of LILO of 2 <sup>nd</sup> circuit of 132kV DC line of 132kV Nidadavolu-Bhimadolu (Narayanapuram) at 132 kV SS Pedatadepally	KM	3.00	51.00	153.00
4	132 kV Bay extension at 132 kV Pedatadepally Substation	No	3	72.00	216.00
5	Communication facility(PLCC)	No	1	20.00	20.00
	<b>Total cost of works</b>				<b>1706.00</b>

**Or Say Rs. 1706.00 Lakhs**

Contd....2

The scheme will be executed with financial assistance from M/s. Power Finance Corporation Ltd., New Delhi/ M/s Rural Electrification Corporation Limited, New Delhi / other funding agencies and with APTRANSCO funding in case full loan is not sanctioned by M/s. Power Finance Corporation Ltd., New Delhi /M/s Rural Electrification Corporation Limited / 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. 3402 Dated; 27.08.2013. Investment approval is not required as the amount is below Rs. 20.00 Crores as per APERC Proceedings No. 28/APERC/Secy/Dir(Engg)/E- 725 /2013 dated 06.05.2013

"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(Grid Transmission & Management)**

To,

The Chief Engineer/Construction-I/Vidyut Soudha/Hyderabad.

Copy to:

The Chairman & Managing Director/APEPDCL.

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/ Vizag Zone/ Visakhapatnam

The Chief Engineer/Telecom/VS/Hyderabad

FA & CCA (CF)/Vidyut Soudha/Hyderabad

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

The Superintending Engineer/TL&SS/ Rajahmundry

The Superintending Engineer/TLC/ Visakhapatnam

The Superintending Engineer/Op/APEPDCL/ Eluru

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 / 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 Transmission & Management

DE-II of SE/PM- II O/o CE/Construction-II

✓ T.O.O Section

**FORWARDED BY ORDER**

*Y. Chellaboina*  
**ASSISTANT DIVISIONAL ENGINEER**