

TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

Sub: Administrative approval for erection of 132/33 kV substation at Kandukuru in Ranga Reddy district along with connected 132 kV & 33 kV lines – Accorded.

T.O.O (CE-Construction-I) Ms.No. 347

Dated: 13.02.2013

APCPDCL have proposed for erection of 132/33 kV substation at Kandukuru in Ranga Reddy 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 Kandukuru in Ranga Reddy district is essential to reduce the overloaded 33 kV feeders and 33 kV substations and to improve voltage conditions and quality & reliability of power supply in the area.

Chief Engineer/Construction-I formulated a scheme for erection of a 132/33 kV substation at Kandukuru in Ranga Reddy district along with connecting 132 kV and 33 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 approval for the above scheme at a total cost of Rs. **2275 .00 Lakhs** as per the break up indicated below:

ABSTRACT OF THE ESTIMATE

Sl.No	Description	Unit	Qty.	RATE PER UNIT Rs.LAKHS	AMOUNT IN Rs.LAKHS
1	132/33 kV Substation at Kandukuru with 1x31.5 + 1 x 16 MVA(Released) PTR Capacity (Radial))	No	1	856.00	856.00
2(a)	132 kV DC/SC line from proposed 220/132 kV Fab city substation to the proposed 132/33 kV Kandukuru substation on narrow based towers	KM	11.00	91.00	1001.00
2(b)	132 kV DC/SC line from proposed 220/132 kV Fab city substation to the proposed 132/33 kV Kandukuru substation on normal towers	KM	7.00	42.00	294.00
3	132 kV Bay extension at proposed 220/132 kV Fabcity substation	No	1	72.00	72.00
4	33 kV line with 100 Sqmm AAAC	KM	14.00	2.50	35.00
5	Communication facility(PLCC)	No	1	16.26	16.26
	Total cost of works				2274.26

(*) Estimate with 1 x16 MVA released Power Transformers

Or Say Rs. 2275.00 Lakhs

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 cost of the 33 kV lines at Item No.4 of the above Abstract of Estimate will be borne by APCPDCL.

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.545, Dated: 05.02.2013.

“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/ 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

The Chief Engineer/ Transmission

The Chief Engineer /Lift Irrigation

The Chief Engineer/ Metro 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/ Metro circle / Hyderabad

The Superintending Engineer/TLC/ Metro / Hyderabad

The Superintending Engineer/Op/Ranga Reddy South / Hyd/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)

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,

FORWARDED BY ORDER

Personal Secretary) to Director/Projects

Personal Secretary to Director/Grid Operation

Personal Secretary to Director/Transmission

DE-2 of SE/PM- I O/o CE/Construction -I

ASSISTANT DIVISIONAL ENGINEER

T.O.O Section