

TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

Sub: Administrative approval for erection of 132/33 kV Substation at Bhavanipuram in Krishna district along with connected 132 kV & 33 kV lines – Accorded.

T.O.O (CE-Construction-I) Ms. No.25

Dated: 24.04.2013

APSPDCL have proposed for erection of 132/33 kV substation at Bhavanipuram in Krishna 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 Bhavanipuram in Krishna 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 Bhavanipuram in Krishna 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 administrative approval for the above scheme at a total cost of **Rs. 1432.00 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 Bhavanipuram with 2 x 31.5 MVA PTR Capacity	No	1	1086.00	1086.00
2(a)	132kV LILO of 2 nd circuit of 132 kV Kondapally - Vijayawada DC line to the proposed 132/33 kV Bhavanipuram Substation	KM	0.50	51.00	25.50
2 (b)	Modification of 132 kV Double circuit towers to Multi circuit towers from loc. 51 to Loc. 62 of 132 kV Kondapalli - Vijayawada line	No	3.16	89.00	281.24
3	33 kV line with 100 Sqmm AAAC	KM	3.50	2.50	8.75
4	Communication facility(PLCC)	No	1	30.10	30.10
	Total cost of works				1431.59

Or Say Rs.1432.00 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 cost of the 33 kV lines at Item No.3 of the above Abstract of Estimate will be borne by APSPDCL.

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. 1563 Dated; 18.04.2013.

"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/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
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 / HRD CommI, 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

FORWARDED BY ORDER

J. Jyothi
24/4/13

ASSISTANT DIVISIONAL ENGINEER

✓ T.O.O Section