

TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

Sub: Revised administrative approval for erection of 132/33 kV Substation at Yerrabelli (V), Nidmanoor(M) in Nalgonda district along with connected 132 kV & 33 kV lines – Accorded.

T.O.O (CE-Construction-I) Ms. No. 151

Dated: 13.08.2012

APCPDCL have proposed for erection of 132/33 kV substation at Yerrabelli (V), Nidmanoor(M) in Nalgonda 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 Yerrabelli (V), Nidmanoor(M) in Nalgonda 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.

Subsequently administrative approval issued vide TOO No. CE(Construction-I) Ms. No. 295 Dt. 21.11.2011 for construction of 132/33 kV Substation at Yerrabelli in Nalgonda district along with 25.14 KM of 132kV DC/SC line from 220/132/33 kV Miryalaguda Substation to the proposed 132/33 kV Yerrabelli Substation at an amount of **Rs. 1937 .00 Lakhs.**

Chief Engineer / Rural Zone / Hyderabad submitted that there is no corridor for erection of new 132/33 kV DC/SC line near Miryalaguda end and no provision available for 2 nd bay at 220 kV Miryalaguda SS and proposed for stringing of 2 nd circuit on 132 kV Miryalaguda – Madugulapally /Nalgonda DC/SC line up to location No. 67 for a distance of 22 KM and from there erection of 132 kV DC/SC line to proposed 132/33 kV Yerrabelli Substation for a distance of 3 KM.

After careful consideration, APTRANSCO accords revised administrative approval for erection of 132/33 kV Substation at Yerrabelli (V), Nidmanoor(M) in Nalgonda district at an amount of **Rs. 1371.00 Lakhs** as per the break up indicated below: The earlier T.O.O. (CE-Construction-I) Ms. No. 295 Dt. 21.11.2011 for **Rs. 1937 .00 Lakhs** issued for the above works is herewith cancelled.

ABSTRACT OF THE ESTIMATE

Sl. No.	Description	Unit	Qty	RATE PER UNIT Rs.LAKHS	AMOUNT IN Rs.LAKHS
1	132/33 kV Substation at Yerrabelli with 1 x 31.5 + 1 x 16 MVA (Released) PTR Capacity (Radial)	No	1	845.00	845.00
2(a)	Erection of 2 nd circuit on 132 kV Miryalaguda – Madugulapally /Nalgonda DC/SC line up to location No. 67.	KM	22.00	11.00	242.00
2(b)	Erection of 132 kV DC/SC line from the location No. 67 of 132 kV Miryalaguda – Madugulapally /Nalgonda DC/SC line to the proposed 132/33 kV Yerrabelli Substation.	KM	3.00	42.00	126.00
3	132 kV Bay extension at 220/132/33 kV Miryalaguda Substation for 2 nd circuit on 132 kV Miryalaguda – Madugulapally DC/SC line	No	1	70.00	70.00
4	33 kV line with 100 Sqmm AAAC	KM	28.00	2.50	70.00
5	Communication facility(PLCC)	No	1	17.51	17.51
	Total cost of works				1370.51

() Estimate with 1 x16 MVA released Power Transformer. Or Say Rs. 1371.00 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 of 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. 2946 Dated. 30.07.2012. Necessary investment approval shall be obtained from APERC as required.

“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/Rural Electrification & Operation
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 / Hyderabad
The Superintending Engineer/Op/Nalgonda.
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
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