

TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

Sub: Revised administrative approval for erection of 132/33 kV Substation at Remalle/Rangannagudem in Krishna district along with connected 132 kV & 33 kV lines – Accorded.

T.O.O (CE-Construction-I) Ms. No. 490

Dated: 19.03.2012

APSPDCL have proposed for erection of 132/33 kV substation at Remalle/Rangannagudem 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 Remalle/Rangannagudem 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.

Subsequently administrative approval issued vide TOO No. CE(Construction-I) Ms.No.191 Dt.16.08.2011 for construction of 132/33 kV Substation at Remalle / Rangannagudem in Krishna district along with 44 KM of 132kV DC/SC line from Gunadala 220/132 kV Substation to the proposed 132/33 kV Remalle/Rangannagudem Substation at an amount of **Rs. 2618.25 Lakhs** .

Chief Engineer / Zone / Vijayawada submitted that there will be severe right of way problems in and around areas of Gunadala 220/132 kV substation which is located in heart of the Vijayawada city and there is no new line corridor available for laying of any new line from Gunadala 220/132kV Substation to Rangannagudem.

Chief Engineer/Power Systems re- examined the proposal and recommended that to connect 132 kV Rangannagudem substation by Making 132kV LILO of 10 KM of one of the circuit of existing Gunadala – Kanumolu 132kV DC Line keeping in view of system reliability and also the new 132 kV substation Rangannagudem will be having alternate source from 132 kV SS Kanumolu.

After careful consideration, APTRANSCO accords revised administrative approval for erection of 132/33 kV Substation at Remalle/Rangannagudem in Krishna district at an amount of **Rs. 1348.00 Lakhs** as per the break up indicated below: The earlier TOO No. CE(Construction-I) Ms. No.191 Dt. 16.08.2011 for **Rs. 2618.25 Lakhs** issued for the above works is herewith cancelled.

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ABSTRACT OF THE ESTIMATE

SI.No	Description	Unit	Qty	RATE PER UNIT Rs.LAKHS	AMOUNT IN Rs.LAKHS
1	132/33 kV Substation at Remalle / Rangannagudem with 1 x 31.5 + 1 x 16 (released) MVA PTR Capacity (Radial)	No	1	833.00	833.00
2	132kV LILO of one circuit of existing 132 kV Gunadala – Kanumolu DC line to the proposed 132/33 kV Remalle/Rangannagudem Substation	KM	10.00	45.00	450.00
3	33 kV line with 100 Sqmm AAAC	KM	14.50	2.50	36.25
4	Communication facility(PLCC)	No	1	28.64	28.64
	Total cost of works				1347.89

() Estimate with 1 x16 MVA released Power Transformer. Or Say Rs. 1348.00 Lakhs**

The scheme will be executed with financial assistance from 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 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. 907 Dated 05.03.2012.

“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/APNPDCL.
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/ V.S./Hyd. *With a request to arrange to place the
TOO into APTRANSCO Web site.
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 (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-3 of SE/PM-II O/o CE/Construction-II
T.O.O Section.

FORWARDED BY ORDER

ASSISTANT DIVISIONAL ENGINEER