

TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

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

T.O.O (CE-Construction-I) Ms. No. 184

Dated: 11.08.2011

APCPDCL have proposed for erection of 132/33 kV substation at Munugodu 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 Munugodu 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 T.O.O. (CE-Construction-I) Ms. No. 5 dated 06.04.2011 for construction of 132/33 kV substation at Munugodu in Nalgonda district along with 25 KM of 132kV DC/SC line from 132/33 kV Nalgonda Substation to the proposed 132/33 kV Munugodu Substation at an amount of **Rs. 1934 .00 Lakhs.**

Chief Engineer / Rural Zone / Hyderabad submitted that there will be severe right of way problems in and around areas of Nalgonda 132 kV SS surrounded with constructed buildings and taking off a new 132 kV DC/SC line from Nalgonda substation is not possible and also there is no bay provision also at 132 kV substation Nalgonda except a bay for 132 kV Miryalaguda 2 nd circuit. in view of the above Chief Engineer / Rural Zone / Hyderabad has proposed for stringing of 2 nd circuit on 132 kV Nalgonda – Miryalaguda DC/SC line for a distance of 3 KM and erection of 132 kV DC/SC line to proposed 132/33 kV Munugodu Substation for a distance of 22 KM.

After careful consideration, APTRANSCO accords revised administrative approval for erection of 132/33 kV Substation at Munugodu Substation at an amount of **Rs. 1847.00 Lakhs** as per the break up indicated below: The earlier T.O.O. (CE-Construction-I) Ms. No. 5 dated 06.04.2011 for **Rs. 1934 .00 Lakhs** issued for the above works is herewith cancelled.

ABSTRACT OF THE ESTIMATE

SI.No	Description	Qty	Unit	RATE PER UNIT Rs.LAKHS	AMOUNT IN Rs.LAKHS
1	132/33 kV Substation at Munugodu with 1 x31.5 + 1 x 16 MVA (Released) PTR Capacity (Radial)	1	No	824.00	824.00
2(a)	Erection of 2 nd circuit on 132 kV Nalgonda – Miryalaguda DC/SC line	3.00	KM	9.00	27.00
2(b)	Erection of 132 kV DC/SC line from 3 KM of 2 nd circuit on 132 kV Nalgonda – Miryalaguda DC/SC line to proposed 132/33 kV Munugodu Substation.	22.00	KM	38.00	836.00
3	132 kV Bay extension at 132/33 kV Nalgonda Substation for Miryalaguda 2 nd circuit.	1	No	70.00	70.00
4	33 kV line with 100 Sqmm AAAC	30.50	KM	2.50	76.25
5	Communication facility(PLCC)	1	No	13.00	13.00
	Total cost of works				1846.25

() Estimate with 1 x16 MVA released Power Transformer. Or Say Rs. 1847.00 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. 2892 Dated 28.07.2011.

“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/ 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/APCPDCL/ 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
ADE(T) 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
DE4 of SE/PM- I O/o CE/Construction -I
T.O.O Section

FORWARDED BY ORDER

ASSISTANT DIVISIONAL ENGINEER