

TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

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

T.O.O (CE-Construction-I) Ms.No. 07

Dated: 18 .12.2013

APCPDCL have proposed for erection of 132/33 kV GIS substation at NIMS in Hyderabad 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 NIMS in Hyderabad 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) Ms.No.238 Dt.24.09.2010 for construction of 132/33 kV GIS Substation at NIMS in Hyderabad district at an amount of **Rs. 8536 Lakhs** .which is sanctioned under PFC loan No.31403088.

Since the PTO (Miralam Filter Bed) land allotment is not finalized. APTRANSCO has approved to utilize the material i.e. 132kV, 33kV GIS Modules which were procured under JICA funding for proposed 132kV GIS SS at PTO (Miralam Filter Bed) to the proposed 132kV GIS SS at NIMS. Also the 80MVA PTRs which are procured under JICA funding are proposed to be utilized for NIMS.

After careful consideration, APTRANSCO accords revised administrative approval for utilizing the material i.e. 132kV, 33kV GIS Modules (which were procured for proposed 132kV GIS SS at PTO (Miralam Filter Bed)) at proposed 132kV GIS SS at NIMS with 2x 80MVA PTR capacity instead of 1x 50MVA + 1x31.5MVA PTR capacity as below at an amount of **Rs.8825.00 Lakhs** under JICA funding duly short closing the PFC funding.

ABSTRACT OF THE ESTIMATE

Sl. No	Description	Unit	Qty	Rate Per Unit Rs. Lakhs	Amount in Rs. Lakhs
1	132/33 kV Substation at NIMs in Hyderabad with 2x80 MVA PTR Capacity)	No	1	2753.00	2753.00
2	132 kV DC XLPE cable from proposed 220kV Erragadda Substation to the proposed 132/33 kV NIMS substation	KM	6.50	-----	5995.00
3	33 kV line with 100 Sqmm AAAC	KM	5.30	2.50	13.25
4	Communication facility(Fiber Optical Cable)	No	1	64.00	64.00
	Total cost of works				8825.25

Or say Rs 88.25 Crores

The earlier TOO No. CE(Construction) Ms. No.238 Dt. 24.09.2010 for **Rs. 8536.00 Lakhs** issued for the above works is herewith cancelled.

The Chief Engineer / Construction-I is hereby authorized to take up the above. The investment approval is accorded from APERC vide CRN Number APT/TS/132kV SS-NIMS/F-INVST-3/2013. This authorization is issued with the concurrence of Director (Finance & Revenue) vide U.O. No. 4723 Dated. 10.12.2013.

“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/GRID, TRANSMISSION & MANAGEMENT

To,
The Chief Engineer/Construction-I/Vidyut Soudha/Hyderabad.

P.T.O

Copy to:

The Chairman & Managing Director/APCPDCL.
The Executive Director / Planning, RAC & Reforms/V.S./Hyd
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& R)/Vidyut Soudha/Hyderabad
The Superintending Engineer/TL&SS/ Metro Circle/Hyderabad
The Superintending Engineer/TLC/Metro/Hyderabad
The Superintending Engineer/Op/North Circle/APCPDCL/Hyderabad
The Superintending Engineer/PM-I/Construction-I/VS/Hyd,
Personal Secretary to the Chairman & Managing Director
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, Transmission & Management
DE-2 of SE/PM-I O/o CE/Construction –I
T.O.O Section

FORWARDED BY ORDER

ASSISTANT DIVISIONAL ENGINEER