

TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

Sub: Administrative approval for erection of 132 kV DC line from 220 kV Bhongir SS to 132 kV Bibinagar substation –Accorded.

T.O.O (CE-Construction-I) MS. No. 169

Dated: 23.07.2011

Administrative approval for erection of 132 kV DC line from 220 kV Bhongir SS to 132 kV Bibinagar substation was issued vide TOO (CE-Trans) Ms.No.312 Dated. 10.03.2003 for Rs. 277.60 lakhs.

Approval was accorded for the route proposal for erection of 13.5 KM 132 kV DC line from 220 kV Bhongir SS to 132 kV Bibinagar SS. The work could not be commenced due to right of way problems.

Superintending Engineer /TLC /Rural /Hyderabad submitted revised route proposal with the following salient features

- i. The proposed length of the line is 18.5 KM as against BEE line length of 10.75KM.
- ii Due to development of housing plots around Bibinagar SS, under ground cable is proposed along the existing BT road.
- lii As there are number of 132 kV and 220 kV line crossings at 132 kV side in 220/132 kV SS Bhongir, a small length of cable is proposed for emanating the line along the compound wall of Bhongir SS.
- iv. Accordingly, the cable route works out to 3.0Km and overhead line works out to 15.5 KM.
- v. The proposed overhead line is to be crossed on the existing BG railway track of Hyderabad – Guntur line.
- vi. The proposed overhead line is to be crossed on the Hyderabad – Warangal Highway near railway track at Bibinagar.
- vii. The overhead line is to be crossed under the existing 400 kV DC line from Ramagundam – Hyderabad and 220 kV DC line from Malkaram – Narketpally.
- viii. The proposed route passes along the existing vagu and bypasses the Hanumapur village and then reaches to Bhongir SS.
- ix. The overhead line proposed along the vagu to avoid Anantharam, Tajpur, Mannewarupumpu, Kurnaguda, Hanumapur villages.

Chief Engineer/Construction-I formulated a scheme for erection of 132 kV DC line from 220 kV Bhongir SS to 132 kV Bibinagar substation and erection of 132 kV bays at 132 kV Bibinagar with Bhongiri feeder and has proposed to M/s. Power Finance Corporation Ltd., New Delhi / M/s Rural Electrification Corporation / and other financial institutions for sanction of loan.

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After careful consideration, APTRANSCO accords approval for the above scheme at a total cost of **Rs. 4059.00 Lakhs** with latest SSR rates as per the break up indicated below:

ABSTRACT OF ESTIMATE

SL. No.	DESCRIPTION	UNIT	QTY	RATE PER UNIT Rs.LAKHS	AMOUNT IN Rs.LAKHS
1	Erection of 132 kV DC line from 220/132 kV Bhongiri to 132 kV Bibinagar	KM	15.5	43.00	666.50
2	Erection of XLPE UG cable from 220/132 kV SS Bhonigiri to nearest TT and Bibinagar SS to nearest TT for erection of 132 kV DC line from 220/132 kV SS Bhonigiri to Bibinagar	KM	3	LS	3254.00
3	Erection of Bay extension at Bibinagar for Bhonigiri feeder	Nos	2	69.00	138.00
				TOTAL	4058.50

Or Say 4059.00 Lakhs

* 2 Nos. 132 kV Bays with equipment are already existing in 220/132 kV Bhongir SS.

The scheme will be executed with financial assistance from M/s REC / M/s PFC / other funding agencies and with APTRANSCO funding in case full loan is not sanctioned by M/s REC / M/s PFC/other funding agencies

The Chief Engineer/Construction-I is authorized to take up the work **after erection of 220 kV Budidampadu – Bhongiri line to be made LILO at 220 kV Waddekothapally Substation and 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.354 Dated. 29.01.2011.

“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/Operation/ Nalgonda/APCPDCL.
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 Additional Joint Managing Director (Distribution), HRD
Personal Secretary to the Joint Managing Director / CommI, 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

