

TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

Extension of supply to M/s KIA Motors Corporation (KMC) Automobile manufacture unit near Erramanchi and Gudipalli (V) in Anantapur district by erection of 220KV DC line from two separate sources (1) 220KV Boksampalli and (2) 220KV Subbarayunipalli Substations – Administrative Approval - Accorded

T.O.O.(CE-construction)Ms.No. 537

Date: 13.09.2017.

PROCEEDINGS:

1. Government of Andhra Pradesh has issued GO. Ms.No. 56, Dt.26.04.2017 for providing necessary infrastructure facilities to M/s KIA Motors Corporation (KMC) Automobile manufacture unit near Erramanchi and Gudipalli (V) in Anantapur district .As per Para no.IV, of above GO ,Govt. of Andhra Pradesh has to provide permanent Electricity of 70MVA from 220 KV Double Circuit transmission lines from 2 feeder sources ,namely Boksapally Sub Station and Subbarayunipally Sub Station and also directed the concerned to prepare detailed estimates and seek approval from the competent authorities .
2. In this connection, ,for providing power supply at 220 KV Level to KIA Motors as per the Government Order the following works has to be carried out .
 - i. Erection of 220KV Switching Station (with 4 Nos bays) at M/s. KIA Motors Corporation (KMC) Automobile Manufacturing Unit near Ammavaripalli(v) in Anantapur Krishna District .
 - ii. Erection of 2Nos. 220kV feeder bays at 220/33kV Subbarayunipalli SS & 2Nos. Bays at 220/132/33kV Boksampalli SS
 - iii.Erection of 220KV DC line (13KM)from 220/33kV Subbarayunipalli SS to 220kV Receiving Station at Ammavaripalli
 - iv.Erection of 220KV DC line(23KM) from 220/132/33kV Boksampalli SS to 220kV Receiving Station at Ammavaripalli. Line length considered as 22KM instead of 17KM after conducting walkover survey to avoid forest crossing.
 - v. Erection of 220 KV Terminals & Metering Bay
 - vi.And Necessary Communication facilities.
3. After careful consideration, APTRANSCO accords administrative approval for providing power supply at 220 KV Level for a load of 70MVA to M/s KIA Motors Corporation (KMC) Automobile manufacture unit near Erramanchi and Gudipalli (V) in Anantapur district”, at an estimated cost of Rs 9983.47 Lakhs as detailed below.

ABSTRACT OF ESTIAMTE

Sl. No	Description	Qty	U/M	Total Material Cost	Total Labour Cost	Total Amount (Rs. In Lakhs)
1	Erection of 220KV Switching Station (with 4 Nos bays) at M/s. KIA Motors Corporation (KMC) Automobile Manufacturing Unit near Ammavaripalli(v) in Anantapur Krishna District (Annexure-I).	1	Nos	635.03	859.92	1494.95
3	Erection of 2Nos. 220kV feeder bays at 220/33kV Subbarayunipalli SS & 2Nos. Bays at 220/132/33kV Boksampalli SS	4	Nos	410.45	179.33	589.78
4	Erection of 220KV DC line (13KM)from 220/33kV Subbarayunipalli SS to 220kV Receiving Station at Ammavaripalli	13	km	838.97	370.03	1209.00
5	Erection of 220KV DC line(22KM) from 220/132/33kV Boksampalli SS to 220kV Receiving Station at Ammavaripalli	22	km	1419.80	626.21	2046.01
6	Erection of 220 KV Terminal & Metering Bay	1	Nos	66.79	23.24	90.02

6	Communication			176.66	40.37	217.03
7	Base Project Cost			3547.69	2099.10	5646.79
8	Provisions towards Tree/Crop Compensation					100.00
9	Provision towards Land value diminishing/One time Compensation for 100 Nos. locations					200.00
	Base Project Cost					5946.79
	APTRANSCO executes the works	-	-			
A	Base Project Cost					5946.79
B	Spares					
	i) Spares @ 3% on Material Cost				101.13	234.12
	ii) Cost of Spare Bay equipment in case of Switching Station				102.61	
	iii) Spares for telecom				30.38	
C	Contingencies (3% on base project cost).					178.40
D	Engineering charges (2.5% on base project cost).					148.67
E	Establishment and overhead charges (10.75%)					639.28
F	Advance Manning Charges for one year in case of Switching station					25.40
G	Price escalation @ 10% on Base Project cost					594.68
H	Land and Rights					50.00
I	PTCC and Dsiversion of Lines					50.00
	Sub total (A to I)					7867.35
H	GST @ 18% of total cost of estimate (A to I)					1416.12
J	Development Charges for 70000KVA @ Rs. 1000/- per KVA					700.00
K	Total cost of Scheme					9983.47

4. The Chief Engineer/ Construction is here by authorized to take up the works of the said scheme immediately, as above. With the funds to be received from Government of Andhra Pradesh
5. In exercise of the powers conferred vide G.O.Ms.No.115, dated 07-10-2003 of Government of Andhra Pradesh, APTRANSCO or their authorized representatives shall have the powers for placing of the electric supply lines or electric plant for the transmission of electricity or for the purpose of telephonic or telegraphic communications necessary for the proper co-ordination of works that a telegraphic authority possesses under the provision of the Indian Telegraph Act, 1885 (Central Act-13 of 1885).
6. This order is issued with the concurrence of Director /finance of APTRANSCO vide Note No. 4000842.

(BY ORDER AND IN THE NAME OF TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED)

Sd/-
S.SUBRAHMANYAM
DIRECTOR/ PROJECTS

To
The Chief Engineer/ Construction/ Vidyut Soudha, Hyderabad