TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

Sub: Revised administrative approval for erection of 220/132 kV substation at Manthani in Karimnagar District along with connected EHT lines – Accorded.


APNPDCL has proposed for erection of 220/132 kV substation at Manthani in Karimnagar district for providing reliable supply to the Domestic, Commercial and Agricultural loads near Manthani, Kataram, Chennur and Chelpur area.

Subsequently administrative approval for erection of 220/132 kV substation at Manthani in Karimnagar district was issued vide T.O.O (CE-Construction-I) Ms. No. 304 Dated 30.03.2010, including (i) Erection of 220kV DC Line for LILO of one circuit of 220 kV RSS-Warangal DC Line to the proposed 220kV Sub-Station, Manthani for a length of 25.00 KM, (ii) Erection of 132kV DC Line for LILO of 132 kV RSS-Kamalapur feeder to proposed 220kV Sub-Station, Manthani for a length of 16.00 KM and (iii) Erection of 132kV DC Line for LILO of 132kV RSS-OCM feeder DC line to 132kV SS, Chelpur for a length of 3.00 KM for an amount of Rs. 4966.00 Lakhs.

Revised Administrative Approval, for erection of 132/33 kV Sub-Station at Kamanpur of Karimnagar District was issued vide T.O.O (CE-Construction-I) Ms. No. 213 Dt. 13.10.2012 for an amount of Rs. 2511.00 Lakhs along with the following 132 kV lines to the proposed 132/33 kV Kamanpur as below:

i) Erection of 132kV DC/SC line with multi circuit towers from Manthani 220 kV SS up to 15KM (AP 10) to accommodate both 132kV DC/SC line to Kamanpur SS & 132 kV LILO line from 132kV RSS-Kamalapur line:- 15 KM

ii) Erection of 132 kV DC/SC line (normal towers) from Loc. No. AP 10 to proposed 132kV Kamanpur SS :- 8.5 KM

In view of the above, it is necessary to revise the item (3) of T.O.O. (CE-Construction-I) Ms. No. 304 Dated. 30.03.2010 i.e., 132 kV LILO to the proposed 220 kV SS Manthani from 132 kV RSS – Kamalapur feeder as indicated below

<table>
<thead>
<tr>
<th>3(a).</th>
<th>Stringing of two circuits on the already proposed multi-circuit towers from the proposed 220 kV SS, Manthani to Location No. AP 10 of 132kV Line from proposed 220kV SS, Manthani to the proposed 132kV SS, Kamanpur</th>
<th>KM</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>(b)</td>
<td>Erection of 132 kV DC Line from Location No. AP – 10 of 132 kV Kamanpur Line to the Tap point of 132 kV RSS – Kamalapur DC Line</td>
<td>km</td>
<td>2.50</td>
</tr>
</tbody>
</table>
After careful consideration, APTRANSCO accords revised administrative approval for erection of 220/132 kV Substation at Manthani in Karimnagar district for an amount of **Rs. 5139.00 Lakhs** as per the break up detailed below: The administrative approval issued vide T.O.O No. CE (Construction-I) Ms. No. 304 Dt. 30.03.2010 for **Rs.4966.00 Lakhs** stands cancelled.

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Rate Per Unit Rs. Lakhs</th>
<th>Amount In Rs. Lakhs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>220/132kV Substation at Manthani with 2*100 MVA PTR Capacity</td>
<td>No</td>
<td>1</td>
<td>2238.00</td>
<td>2238.00</td>
</tr>
<tr>
<td>2</td>
<td>220kV LILO to proposed 220kV SS, Manthani from 220kV RSS-Warangal DC line</td>
<td>KM</td>
<td>25</td>
<td>79.70</td>
<td>1992.50</td>
</tr>
<tr>
<td>3(a)</td>
<td>Stringing of two circuits on the already proposed multi-circuit towers from the proposed 220 kV SS, Manthani to Location No. AP 10 of 132kV Line from proposed 220kV SS, Manthani to the proposed 132kV SS, Kamanpur</td>
<td>KM</td>
<td>15</td>
<td>20.60</td>
<td>309.00</td>
</tr>
<tr>
<td>4</td>
<td>Erection of 132 kV DC Line from Location No. AP – 10 of 132 kV Kamanpur Line to the Tap point of 132 kV RSS – Kalamapur DC Line</td>
<td>KM</td>
<td>2.5</td>
<td>51.00</td>
<td>127.50</td>
</tr>
<tr>
<td>5</td>
<td>132kV LILO to132kV Chelpur SS from 132 kV RSS - OCM feeder DC line</td>
<td>KM</td>
<td>3</td>
<td>51.00</td>
<td>153.00</td>
</tr>
<tr>
<td>6</td>
<td>Communication facility</td>
<td>No</td>
<td>2</td>
<td>76.00</td>
<td>152.00</td>
</tr>
<tr>
<td></td>
<td><strong>Total cost of works</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>5139.00</strong></td>
</tr>
</tbody>
</table>

The scheme will be executed with financial assistance from PFC/Other financial institutions and with APTRANSCO funding in case full loan is not sanctioned by PFC/Other financial institutions.

The Chief Engineer / Construction-I is hereby authorized to take up the above works after investment approval is obtained from APERC. This authorization is issued with the concurrence of Director (Finance & Revenue) vide U.O. No. 3953 Dated 19.10.2012.
“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 / VS / 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/Telecom/VS/Hyderabad
The Chief Engineer/Zone/Warangal.
FA & CCA (R&A)/Vidyut Soudha/Hyderabad
FA & CCA (A&EA)/Vidyut Soudha/Hyderabad
The Superintending Engineer/TLC/Karimnagar
The Superintending Engineer/TL &SS/Karimnagar
The Superintending Engineer/Op/Karimnagar, APNPDCL
The Superintending Engineer/PM-I Construction-I/VS/Hyderabad
The Superintending Engineer/PM-II Construction-II/VS/Hyderabad
Personal Secretary to the Chairman & Managing Director
Personal Secretary to the Joint Managing Director/HRD, Commercial, IPC& Reforms
Personal Secretary to the Joint Managing Director/Vigilance & Security
Personal Secretary to the Joint Managing Director/Distribution
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-I, O/o CE/Construction-I
T.O.O Section

FORWARDED BY ORDER
ASSISTANT DIVISIONAL ENGINEER