TRANSMISSION CORPORATION OF TELANGANA LIMITED

Sub: - Administrative approval for erection of 132/33 kV Gas Insulated Sub-Station (GIS) at Manikonda in Ranga Reddy District along with connected line with 132 KV XLPE UG cable - Accorded.


Read the following

ORDER

Administrative approval was accorded for the erection of 132/33 kV Substation at Ibrahimbagh in Ranga Reddy District along with connected line vide T.O.O. MS. No.119, Dated: 06.07.2015 for an amount of Rs. 3717.00 Lakhs

2. The Superintending Engineer/ Construction-1/ Vidyuth Soudha, has informed that “the orders were issued for handing over of advance possession of land to the extent of Ac.1-26 guntas in Sy No.265/2 of Manikonda Jagir village, Gandipet Mandal vide Proceedings. No. LC1/4849/2017, Dt:18.08.2018 as the land is not available at the place of Ibrahimbagh for construction of earlier approved 132/33 KV SS at Ibrahimbagh.

3. The Superintending Engineer/Metro-West, TSTransco. has furnished the 132 KV connectivity to the proposed 132/33 kV Manikonda SS by making LILO of existing 132 KV SC Line from 220 KV SS Shivarampally to 132 kV SS E'gadda with laying of 132 KV XLPE UG cable and Superintending Engineer/ Operation/ Cyber city/ TSSPDCL has furnished the 33 KV load data of the scheme area.

4. The Chief Engineer/ Power systems has conducted the load flow studies and stated that, considering system EHT losses, it is found to be technically feasible to make LILO of existing 132 kV Erragadda - Shivarampally line to proposed Manikonda SS with a LILO length of about 2 kM considering 400/220/132 kV Raidurg SS

Contd..2
5. After careful consideration, TSTRANSCO accords administrative approval for the above scheme at a total cost of Rs.107.18 Crores including IDC considering the field estimates for material & labour and cost estimate for providing communication facility as per the break up detailed below:

<table>
<thead>
<tr>
<th>S.No</th>
<th>DESCRIPTION</th>
<th>UNIT</th>
<th>QTY</th>
<th>RATE</th>
<th>AMOUNT in Lakhs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Erection of 132/33 kV GIS Sub-Station at Manikonda with 2 X 80 MVA PTRs</td>
<td>Nos.</td>
<td>Est</td>
<td>4553.15</td>
<td>4553.15</td>
</tr>
<tr>
<td>2</td>
<td>LILO of existing 132 kV Shivarampally-Erragadda SC OH feeder between Loc No.80 and Loc No.81 with laying of 132 KV XLPE UG cable of 1200 Sq mm for cable length of 2.5 Km.</td>
<td>Km</td>
<td>Est</td>
<td>5229.75</td>
<td>5229.75</td>
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<tr>
<td>3</td>
<td>Providing of OFC Communication Facility</td>
<td>Est</td>
<td>Est</td>
<td>145.02</td>
<td>145.02</td>
</tr>
<tr>
<td></td>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>9927.92</strong></td>
</tr>
<tr>
<td></td>
<td><strong>or say Rs. 99.28 Crores</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td><strong>Including IDC Rs.107.18 Crores</strong></td>
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</tbody>
</table>

6. This is superseding to the administrative approval issued earlier for erection of 132/33 kV SS Ibrahimbagh in Ranga Reddy District along with connected line vide T.O.O (CE-Construction) Ms. No. 119, Dated: 06.07.2015 for an amount of Rs. 3717.00 Lakhs which stands cancelled.

7. The scheme will be executed with the financial assistance from Funding Agencies and with TSTRANSCO funding in case full loan is not sanctioned.

8. The Chief Engineer/ Construction is hereby authorized to take up the above works after funding tie-up and investment approval from TSERC. This authorization is issued with the concurrence of Joint Managing Director (Fin,Comml & HRD) vide Regd. No.2782, Dated.01.07.2019.

**BY ORDER AND IN THE NAME OF TRANSMISSION CORPORATION OF TELANGANA LIMITED**

Sd/-

D.PRABHAKAR RAO
CHAIRMAN & MANAGING DIRECTOR

To,
The Chief Engineer, Construction, TSTRANSCO, Vidyut Soudha, Hyderabad.
Copy to:
The Chairman & Managing Director, TSSPDCL, Hyderabad.
The Executive Director (LIS), TSTRANSCO, Vidyut Soudha, Hyderabad.
The Executive Director (Finance), TSTRANSCO, Vidyut Soudha, Hyderabad.
The Chief Engineer, Comm & RAC, TSTRANSCO, Vidyut Soudha, Hyderabad
The Chief Engineer, Power systems, TSTRANSCO, Vidyut Soudha, Hyderabad
The Chief Engineer, Transmission, TSTRANSCO, Vidyut Soudha, Hyderabad
The Chief Engineer, Metro Zone, TSTRANSCO, Hyderabad.
The Chief Engineer, Telecom, TSTRANSCO, Vidyut Soudha, Hyderabad
The Chief Engineer, P & MM, TSTRANSCO, Vidyut Soudha, Hyderabad
SE/T to Chairman & Managing Director, TSTRANSCO, Vidyut Soudha, Hyderabad
PS to the Joint Managing Director, Fin, Comm & HRD, TSTRANSCO, VS, Hyderabad
DE/T to Director, Transmission, TSTRANSCO, Vidyut Soudha, Hyderabad
DE/T to Director, Projects, TSTRANSCO, Vidyut Soudha, Hyderabad
ADE/T to Director, Lift Irrigation Schemes, TSTRANSCO, Vidyut Soudha, Hyderabad.
AE/T to Director Grid Operation, TSTRANSCO, Vidyut Soudha, Hyderabad
The FA & CCA (Accounts & CFO), TSTRANSCO, Vidyut Soudha, Hyderabad
The Superintending Engineer/OMC/Metro-Central, TSTRANSCO, Hyderabad.
The Superintending Engineer/Construction-I, TSTRANSCO, Vidyut Soudha, Hyderabad
The Divisional Engineer-1/SE/Const-I/O/o CE/Const. TSTRANSCO, Vidyut Soudha, Hyd
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