TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

Sub: Administrative approval for erection of 2\textsuperscript{nd} circuit stringing on existing 132 kV Nizamsagar – Banswada DC/SC line and 2 Nos. 132 kV bays at 132 kV Nizamsagar and Banswada Substations – Accorded.

T.O.O (CE-Construction-I) MS. No.142 Dated: 07.07.2011

A proposal received from Superintending Engineer / TLC/ Karimnagar for erection of 2\textsuperscript{nd} circuit stringing on existing 132 kV Nizamsagar – Banswada DC/SC line and 2 Nos. 132 kV bays at 132 kV Nizamsagar and Banswada Substations stating that the 132 kV DC/SC line from Nizamsagar to Banswada line is loaded 202 Amps and 2\textsuperscript{nd} circuit is necessitated due to the following reasons.

i). To avoid the interruption on substation as there is no alternate 132 kV feeder
ii). To avoid maintenance problems.
iii) To increase the voltage levels.
iv) To reduce line losses.

Hence, it is proposed to string 2\textsuperscript{nd} circuit stringing on existing 132 kV Nizamsagar - Banswada DC/SC line and 2 Nos. 132 kV bays at 132 kV Nizamsagar and Banswada Substations

Chief Engineer/Construction-I formulated a scheme for erection of 2\textsuperscript{nd} circuit stringing on existing 132 kV Nizamsagar – Banswada DC/SC line and 2 Nos. 132 kV bays at 132 kV Nizamsagar and Banswada Substations and has proposed to pose the scheme to M/s. Power Finance Corporation Ltd., New Delhi / M/s Rural Electrification Corporation / and other financial institutions for sanction of loan.

After careful consideration, APTRANSCO accords approval for the above scheme at a total cost of Rs. 392.00 Lakhs with latest SSR rates as per the break up indicated below:

**ABSTRACT OF ESTIMATE**

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Description</th>
<th>Unit</th>
<th>Qty</th>
<th>Rate Per Unit Rs. in Lakhs</th>
<th>Amount In Rs. in Lakhs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Erection of 132 kV 2\textsuperscript{nd} circuit line on existing 132 kV Nizamsagar – Banswada DC/SC line</td>
<td>KM</td>
<td>28.00</td>
<td>9.00</td>
<td>252.00</td>
</tr>
<tr>
<td>2.</td>
<td>132 kV Bay extension at 132/33 kV Nizamsagar substation.</td>
<td>No</td>
<td>1</td>
<td>70.00</td>
<td>70.00</td>
</tr>
<tr>
<td>3.</td>
<td>132 kV Bay extension at 132/33 kV Banswada substation.</td>
<td>No</td>
<td>1</td>
<td>70.00</td>
<td>70.00</td>
</tr>
<tr>
<td></td>
<td><strong>Total cost of works</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>392.00</strong></td>
</tr>
</tbody>
</table>

Or Say Rs. 392.00 Lakhs
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 hereby authorized to take up the above works after financial tie-up is completed. This authorization is issued with the concurrence of Director (Finance & Revenue) vide U.O. No. 2447 Dated 28.06.2011.

"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/APNPDCCL.
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/Warangal Zone/ Warangal
The Chief Engineer/Telecom/VS/Hyderabad
FA & CCA (CF)/Vidyut Soudha/Hyderabad
FA & CCA (A&E)/Vidyut Soudha/Hyderabad
The Superintending Engineer/TL&SS/ Nizamabad
The Superintending Engineer/TLC/ Karimnagar
The Superintending Engineer/Op/APNPDCCL/ Nizamabad
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
ADE(T) to the Additional Joint Managing Director (Distribution), HRD
Personal Secretary to the Joint Managing Director / Commil, 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
FORWARDED BY ORDER
Personal Secretary to Director/Grid Operation
DE (T) to Director/Transmission
D3 of SE/PM- I O/o CE/Construction -I
T.O.O Section

ASSISTANT DIVISIONAL ENGINEE