

**AUTHORIZATION LETTER**

I am hereby authorizing Sri. Ch. Sreenivasa Rao, Executive Engineer, Construction, CRDA Division, APTRANSCO, Guntur for uploading/supporting the DGPS survey report and the connected booklet " For the proposal of diversion of forest land in compartment No.132 in Mangalagiri block of Tadepalli Reserve forest in Guntur Division for making LILO arrangements of 132KV Tadepalli-Tadikonda Line to the proposed 132/33KV AIIMS Sub-Station at Mangalagiri in Guntur District".



Superintending Engineer  
OMC Circle, A.P. TRANSCO  
GUNTUR

TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

**Sub:** Administrative approval for erection of 132/33kV AIIMS SS at Mangalagiri in Guntur district along with connected lines – Accorded.

T.O.O (CE-Construction) Ms.No. 620

Dated:22.11.2017

APSPDCL have submitted proposal for erection of 132/33kV SS AIIMS at Mangalagiri in Guntur district to meet the existing loads in and around Mangalagiri area, upcoming Industrial loads and proposed AIIMS loads.

Chief Engineer/Zone/Vijayawada have furnished the feasibility report stating that the site for proposed 132kV SS AIIMS at Mangalagiri is located in the Tadepalli Reserve Forest in Mangalagiri block and adjacent to the proposed AIIMS and also nearer to the existing 132kV Tadepalli – Tadikonda SC line. Also furnished the maximum loads reached on PTRs and maximum load flows on feeders. Stage-I approval was obtained from the forest officials through AP Government.

Chief Engineer/IPC & Power systems has conducted load flow studies considering the field feasibility and furnished the load flow study report.

Hence, proposed for according separate administrative approval for erection of 132/33kV SS AIIMS at Mangalagiri in Guntur district duly deleting from the scope of Vizag-Chennai Industrial Corridor (VCIC).

The Chief Engineer/Construction formulated a scheme for erection of 132/33kV SS AIIMS at Mangalagiri in Guntur district with 2x 80 MVA Power Transformer capacities along with connected lines on Narrow Based Towers to minimize width for Forest ROW with Substation Automation System and communication facility (OPGW) based on the latest SSR rates and material/equipment procurement rates duly deleting ED and implementing GST works out to **Rs.2706.00 Lakhs** and proposed to pose to M/s. Power Finance Corporation Ltd., New Delhi / M/s Rural Electrification Corporation / and other financial institutions for financial assistance.

After careful consideration, APTRANSCO accords administrative approval for the above scheme at a total cost of **Rs.2462.50 Lakhs** and Rs.243.79 Lakhs towards Interest During Construction (IDC).The total cost of the works including IDC works out to **Rs.2706.00 Lakhs**, as per the break up indicated below. 33 kV lines will be laid by APSPDCL.

ABSTRACT OF THE ESTIMATE

| SL. No. | DESCRIPTION   | UNIT | QTY  | RATE PER UNIT<br>Rs. LAKHS | AMOUNT IN<br>Rs. LAKHS |
|---------|---|------|------|----------------------------|------------------------|
| 1       | Erection of 132/33kV Substation AIIMS at Mangalagiri with 2x80 MVA PTRs   | No   | 1    | 2243.00                    | 2243.00                |
| 2       | (a) Erection of 132kV DC Line for making LILO of 132kV Tadepalli – Tadikonda SC line at proposed 132kV SS AIIMS at Mangalagiri on Narrow Based Towers | KM   | 0.70 | 185.00                     | 129.50                 |
|         | (b) Compensation payable to Forest Department   | LS   | LS   | 25.00                      | 25.00                  |
| 3       | Communication facility (OPGW)   | LS   | LS   | 65.00                      | 65.00                  |
|         | <b>Total cost of works</b>  |      |      |                            | <b>2462.50</b>         |
|         | Interest During Construction (IDC)  |      |      |                            | 243.79                 |
|         | <b>Total cost of works including IDC</b>  |      |      |                            | <b>2706.29</b>         |

Or Say Rs.2706.00 Lakhs

The Chief Engineer / Construction is hereby authorized to take up the above works after financial tie-up is completed. This authorization is issued with the concurrence of Joint Managing Director (Finance, Commercial, IPC, HRD&IT) vide FLM File No.5000247, Dated; 10.11.2017.

Necessary investment approval will be obtained from APERC as required.

“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 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 coordination of the works that a Telegraphic Authority possesses under the provision of the Indian Telegraph Act 1885 (Central Act - 13 of 1885).

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

Sd/-  
DIRECTOR/ PROJECTS

To,  
The Chief Engineer / Construction /Vidut Soudha /Hyderabad.

**Copy to:**

- The Chairman & Managing Director/APSPDCL.
- The Executive Director / HRD & Planning /V.S./Vijayawada.
- The Chief Engineer / IPC & Power Systems / V.S./ Vijayawada
- The Chief Engineer /AP Transmission /V.S./ Vijayawada
- The Chief Engineer /Lift Irrigation / EA & Operation/ V.S./ Vijayawada
- The Chief Engineer/Zone/ Vijayawada
- The Chief Engineer /Telecom & IT / V.S./ Vijayawada
- The Superintending Engineer/ OMC / Guntur
- The Executive Engineer/Construction/Guntur
- The Superintending Engineer/Op/APSPDCL/ Guntur
- The Superintending Engineer/PM/ P&MM/Construction/V.S/ Vijayawada
- FA & CCA (Accounts)/Vidut Soudha/ Vijayawada
- Personal Secretary to the Chairman & Managing Director
- P.S. to the Joint Managing Director/Vigilance & Security,
- Personal Secretary to the Joint Managing Director/(Finance, Commercial, IPC, HRD&IT),
- Personal Secretary to Director/Projects
- Personal Secretary to Director/Grid Transmission & Management
- DE-III of SE/PM O/o CE/Construction

|| ATTESTED ||

  
EXECUTIVE ENGINEER  
CONSTRUCTION; CRDA DIVISION  
AP TRANSCO; GUNTUR.

FORWARDED BY ORDER

ASSISTANT ENGINEER