

TAMILNADU GENERATION AND DISTRIBUTION CORPORATION LIMITED  
(ABSTRACT)  
(TECHNICAL BRANCH)

TANGEDCO – IT Wing implementation of Video Conferencing Facility for TANGEDCO and TANTRANSCO offices between Head Office, all 9 Distribution Regional Offices and 44 Distribution Circle offices at an estimated cost of Rs.2 Crores through open tender system - Administrative Approval - Accorded.

(Per.) CMD TANGEDCO Proceedings No. 289

Dated : 20.08.2019

Aavani : 3,

VIHARI Varudam

Thiruvalluvar Aandu – 2050

READ: The Chief Engineer/IT Note approved by CMD/TANGEDCO, dated 14.08.2019

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**Proceedings :**

The proposal for implementation of Video Conferencing Facility for TANGEDCO and TANTRANSCO offices between Head Office, all 9 Distribution Regional Offices and 44 Distribution Circle offices, submitted by the Chief Engineer/IT was examined carefully and administrative approval is hereby accorded by incurring an expenditure of Rs.2 Crores (Rupees Two Crores only) under open tender system as follows:

- 1) Procure necessary licenses, Endpoint VC equipments with necessary accessories
- 2) Procure additional items required for beneficially utilizing the existing system procured by the Project wing
- 3) To frame and incur expenditure for external technical committee

The expenditure is chargeable to TANGEDCO-Funds-Capital Expenditure-under the A/c.No. 14-910.

(BY ORDER OF THE CMD/TANGEDCO)

-sd/- Dt.19.08.2019

(S.STEPHEN AROCKIARAJ)  
CHIEF ENGINEER/ IT

Encl: Annexure-I – Report to Accompany.

To

Chief Engineer / Information Technology / Chennai-02.

Copy to

The Joint-Managing Director / TANGEDCO / 144, Anna Salai, Chennai-2  
The Director (Distribution) / TANGEDCO / 144, Anna Salai, Chennai-2  
The Director (Finance) / TANGEDCO / 144, Anna Salai, Chennai-2  
The Chief Engineer / MM, Planning, Civil Designs / TANGEDCO/ 144, Anna Salai, Chennai-2  
The Chief Engineers / Distribution / All Regions / TANGEDCO.  
The Chief Internal Audit Officer / BOAB / TANGEDCO/ Chennai -2  
EA to CMD's office / TANGEDCO / 144, Anna salai, Chennai-2  
The Superintending Engineer / IT-1 / TANGEDCO / 144, Anna Salai, Chennai-2 - email  
The Superintending Engineers / Distribution / TANGEDCO. - email  
The Executive Engineer / Purchase / IT / TANGEDCO / 144, Anna Salai, Chennai-2 - email  
The Assistant Personnel Officer / Tamil Development / BOAB / TANGEDCO/Chennai-2.  
The BP Section / Admin. Branch / TANGEDCO / Chennai-02 (Two Copies)  
The A10-H Section, BOAB / TANGEDCO / 144, Chennai-2.  
The A9-G section, BOSB TANGEDCO / 144, Chennai-2

// FORWARDED // BY ORDER //

-sd/- Dt.21.08.2019

EXECUTIVE ENGINEER / DATA CELL (i/c)

**Report to accompany TANGEDCO Proceedings :**

Announcement has been made by the Hon'ble Minister of Electricity, Prohibition and Excise in the Tamil Nadu Legislative Assembly on 04.07.2019 to implement of Video Conferencing facility for TANGEDCO and TANTRANSCO offices to improve communication between Head Office, all 9 Distribution Regional Offices and 44 Distribution Circle offices at an estimated cost of Rs.2 Crores.

In this context, the following are stated:

1. Installation of Video Conferencing System (VCS) facility between the Project site and the TANGEDCO Head Qtrs. was included as one of the components in the scope of the Project for the establishment of 2 x 800 MW Uppur Supercritical Thermal Power Project awarded to M/s. BHEL,
2. However, based on the approval of the CMD, the scope of the VCS facility was extended to connect the other project sites at NCTPP-Stage-III, Ennore SEZ and Udangudi as the VCS was capable of connecting 20 users from 20 different places simultaneously,
3. Based on the above, the CE/Projects vide letter dated 26-04-2019 has requested for the installation of Multi Point Control Unit (Server hardware for VCS) and associated hardware etc., temporarily at the server room under the control of CE/IT for testing and pre-commissioning works.
4. The Hon'ble Minister of Electricity, Prohibition and Excise has inaugurated the Video-Conferencing facility between Appadurai Hall and the project sites at Ennore SEZ and the NCTPP-Stage-III, on 18.06.2019 & 24.06.2019.
5. In line with this, the following further are detailed.
  - for conducting IT training programmes to the officers across the TANGEDCO and TANTRANSCO offices, a pilot study has been successfully carried out in the Cuddalore, Udumalpet circle offices by deploying cameras in both the ends by using web based online video conferencing software tools such as Cisco Webex, Skype, GoToMeeting through our existing connectivity with a focus to reduce the recurring cost and in order to facilitate the officers to attend meeting through Laptop or Mobile devices even during travel or camp duty,
  - to make use of the available Video Conferencing infrastructure and servers procured by the Project wing, for extending the facility to the 9 Nos. Regional offices and 44 Nos. Circle offices of the distribution wing by availing additional licenses and end point equipments like camera, monitor, speakers, etc., at the proposed locations in such a way to cater 20 audiences and 10 audiences in the Regional and Circle offices respectively.

- On the Head quarters end, as there might be a need for concurrent video conferencing session in the future for the top management, 2 Nos. VC locations suggested in the Head Quarters (which would also act as redundant system in case of any failure in the HQ VC). The Chief Engineer / Civil Design may be requested to arrange the space, furniture and infrastructure to accommodate 20 audiences for each VC in the Head Quarters.
- At the Regional Office and Circle Office ends, necessary infrastructures like Video conferencing hall, network connectivity, Air Conditioners, Furniture, etc., may be arranged by the concerned Regional Chief Engineers / Superintending Engineers under their respective powers.
- In order to technically superior, robust VC system, it is suggested to frame an external committee comprising of IIT Madras, M/s.NIC, Anna University, M/s.CDAC for preparing technical specification, evaluation and resolution of any technical issues, by incurring an expenditure towards honorarium of Rs.2000/- per person per sitting.

6. In the mean while, the Hon'ble Minister of Electricity has made an announcement in the Assembly that in order to improve communication between Head Quarters offices and the field Offices, video conferencing facility will be established connecting the Head Office, all 9 Distribution Regional Offices and 44 Distribution Circle offices at an estimated cost of Rs.2 Crores.

-sd/- Dt.19.08.2019  
(S.STEPHEN AROCKIARAJ)  
CHIEF ENGINEER/ IT

// FORWARDED // BY ORDER //

-sd/- Dt.21.08.2019  
EXECUTIVE ENGINEER / DATA CELL (i/c)