



TRANSMISSION CORPORATION OF TELANGANA LIMITED
VIDYUT SOUDHA :: HYDERABAD – 500 082. Off: PABX:040-23396000
Website:www.tstransco.in CIN No:U40102TG2014SGC094248

Implementation of Nitrogen Injection Fire Protection System (NIFPS) for PTRs in TSTRANSCO substations –Administrative Approval – Issued -Regarding.

T.O.O. CE (Transmission) Ms. No. 1139

Dt. 03 . 08 .2021.

Read the following

ORDER:

The EHT substations in GHMC Area of Telangana State are situated near load center i.e proximity to residential, densely populated areas and etc., A comprehensive fire detection, alarm as well as fire protection system shall be designed and installed for the PTRs in substation to protect against fire.

2) In order to extinguish the fire and prevent tank explosion due to faults at either inside or outside of the transformer, it is proposed for implementation of Nitrogen Injection Fire protection system by retrofitting on existing PTRs in TSTRANSCO substations of GHMC residential and densely populated areas as per the Recommendation of Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2010 and CBIP Guidelines for Fire Protection of Power Transformers.

3) After careful examination, TSTRANSCO accords approval as detailed below:

- a) Implementation of NIFP system for 38 Nos. PTRs in EHT substations in GHMC area for an amount of Rs.606.5 Lakhs.
- b) To call short tender under open competitive bidding through e-procurement platform under Turnkey basis i.e. Supply of the Material, Erection, Testing and Commissioning of NIFP system, as per departmental procedures.
- c) The FA&CCA (Accounts) shall arrange funding tie up with financial institutions/ Banks for the above works.
- d) The FA&CCA, shall allocate Rs.606.5 Lakhs from the Capital budget from TSTRANSCO funds, for smooth processing of PRs, estimates etc., in SAP.
- e) The Chief Engineer/zones /TSTRANSCO shall execute the subject works.

4) This order is issued with the concurrence of the Joint Managing Director (Fin., Comml. & HRD) and registered vide No. 1343 Dt: 30.07.2021.

(BY ORDER AND IN THE NAME OF TRANSMISSION CORPORATION OF TELANGANA LIMITED)

C. SRINIVASA RAO
Chairman & Managing Director(FAC)

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To

The Chief Engineer/ Transmission/ TSTRANSCO/Vidyut Soudha/Hyderabad.
The FA & CCA (Accounts) /TSTRANSCO/Vidyut Soudha, Hyderabad.
The Chief Engineer/Metro Zone/ TSTRANSCO
The Chief Engineer/Rural Zone/ TSTRANSCO
The Chief Engineer/Warangal Zone/ TSTRANSCO
The Chief Engineer/Karimnagar Zone/ TSTRANSCO

Copy to:

The Chief Engineer/400KV /TSTRANSCO/Vidyut Soudha/Hyderabad.
The Chief Engineer/Construction /TSTRANSCO/Vidyut Soudha/Hyderabad.
The Superintending Engineer/Construction/Vidyut Soudha/Hyderabad.
The Superintending Engineer/Schemes& Designs/Construction/Vidyut Soudha/Hyderabad
The Superintending Engineer /OMCs .
The Superintending Engineer /Civil /TSTRANSCO/Vidyut Soudha/Hyderabad.
The Superintending Engineer/Civil/zones
The SE (Technical) to CMD/TSTRANSCO/Vidyut Soudha / Hyderabad.
The DE(Technical) to CMD /TSSPDCL/Hyderabad.
The DE(Technical) to Director / Projects / TSTRANSCO/Vidyut Soudha/ Hyderabad
The DE(Technical) to Director (Transmission)/TSTRANSCO/ Vidyut Soudha/ Hyderabad.
The ADE/(Technical) to Director (LIS)/TSTRANSCO/Vidyut Soudha/ Hyderabad.
The AE (Technical) to Director/ Grid Operation/TSTRANSCO/Vidyut Soudha/ Hyderabad.
PA to JMD(Fin. Comml,& HRD)/TSTRANSCO/ Vidyut Soudha/ Hyderabad.

Current File:CE(Tr)/SE(Tr)/DE(SS)/ADE-2/File No.4804/20 /D.No. 271/21, Dt: 03.08.2021

Energy saved is energy produced // Electricity saved is electricity produced

//Forwarded by order //

Divisional Engineer-SS