



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

Augmentation of 132/33 KV Transformer capacities at 24 EHT Substations– Revised Administrative Approval -Accorded.

T.O.O. CE (Transmission) Ms. No. 1704

Dt.27.06.2023.

Read the following

ORDER:

Ref: T.O.O. CE (Transmission) Ms. No. 1211, Dt. 07.10.2021.

Administrative approval for augmentation of Transformer capacities at 24 EHT Substations vide T.O.O. CE (Transmission) Ms. No. 1211, Dt. 07.10.2021 for an amount of Rs.4875.24 Lakhs in order to avoid over loading of Power Transformers, to meet the future load growth and to maintain high efficiency of power Transformers.

- 2) The scheme was prepared by considering the PTR cost of 2019 & 2020 Purchase orders.
- 3) After careful examination, TSTRANSCO accords approval for Augmentation of 132/33 KV Transformer capacities at 24 EHT Substations, with latest Purchase order rates of Power Transformers and the estimated cost of the revised proposal (all other parameters and quantities remain unchanged) in order to avoid over loading of Power Transformers, to meet the future load growth and to maintain high efficiency of Power Transformers, works out to **Rs.7281.14 Lakhs** including contingencies, establishment and other overhead charges.
- 4) It is hereby authorized as follows:
 - i) The funding of the scheme was allocated from internal resources.
 - ii) The Augmentation work of the T.O.O. CE (Transmission) Ms. No. 1211, Dt. 07.10.2021 issued for the work of Augmentation of 132/33 KV Transformer capacities at 24 EHT Substations for an amount of Rs.4875.24 Lakhs is revised for an amount of **Rs.7281.14** lakhs.
 - iii) The balance revised Estimated cost of Rs. 2406 Lakhs will be met from TSTRANSCO funds.
 - iv) The Chief Engineer/Zones will be requested to take up the works, as per the delegation of powers in vogue.
- 5) This order is issued with the concurrence of the Joint Managing Director (Fin., Comml. & HRD) vide Regd. No.2598, Dt:23.06.2023.

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

D.PRABHAKAR RAO
Chairman & Managing Director

To

The Chief Engineer/ Transmission/ TSTRANSCO/Vidyut Soudha/Hyderabad.

Contd.,2

The Chief Engineer/P &MM/TSTRANSCO/VidyutSoudha/Hyderabad.
The FA & CCA (Accounts) /TSTRANSCO/VidyutSoudha, 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/Comml., &RAC/TSTRANSCO/Vidyut Soudha/ Hyderabad.
The Chief Engineer/SLDC/TSTRANSCO/Vidyut Soudha/ Hyderabad.
The Chief Engineer/400KV /TSTRANSCO/Vidyut Soudha/Hyderabad.
The Chief Engineer/Construction /TSTRANSCO/Vidyut Soudha/Hyderabad.
The Chief Engineer /Civil /TSTRANSCO/Vidyut Soudha/Hyderabad.
The Superintending Engineer/Construction/Vidyut Soudha/Hyderabad.
The Superintending Engineer/Schemes& Designs/Construction/Vidyut Soudha/Hyderabad
The Superintending Engineer/Power Systems/TSTRANSCO/Vidyut Soudha/ Hyderabad.
The Superintending Engineer/P&MM/TSTRANSCO/VidyutSoudha/Hyderabad.
The Superintending Engineer /OMC/Circles /TSTRANSCO.
The Superintending Engineer /Civil /TSTRANSCO/Vidyut Soudha/Hyderabad.
The SE (Technical) to CMD/TSTRANSCO/Vidyut Soudha / Hyderabad.
The DE(Technical) to CMD /TSSPDCL/Hyderabad.
The DE(Technical) to CMD /TSNPDC/Hyderabad.
The DE(Technical) to Director / Projects / TSTRANSCO/VidyutSoudha/ Hyderabad
The DE(Technical) to Director (Transmission)/TSTRANSCO/ VidyutSoudha/ Hyderabad.
The ADE/(Technical) to Director (LIS)/TSTRANSCO/Vidyut Soudha/ Hyderabad.
The AE (Technical) to Director/ Grid Operation/TSTRANSCO/VidyutSoudha/ Hyderabad.
PA to JMD(Fin.Comml,& HRD)/TSTRANSCO/ VidyutSoudha/ Hyderabad.

Current File:CE(Tr)/SE(Tr)/DE(SS)/ADE-2/File No.2021/21/D.No.230/23, Dt: 27.06.2023

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

//Forwarded by order//

Divisional Engineer/Transmission

Sl. No.	Name of the Sub-station	Existing PTRs in MVA	Proposed capacity in MVA	Net addition in MVA	Estimated Cost in Rs in Lakhs
	TSNPDCL				
1	132 KV Wardhannapet SS	2 x 50	3x50	50	92.53
2	132 KV Bachannapet SS	3 x 16	1x31.5+2x16	15.5	13.25
3	132 KV Burgupally SS	1 x 31.5+1 x 16	2x31.5	15.5	13.25
4	132 KV Mudhole SS(*)	2 x 16	3x16	16	102.53
5	132 KV Luxitpet SS	1 x 31.5+1 x 16	1x31.5+1x50	34	406.25
6	132 KV Gangadhara SS	2 x 16	2x16+1x31.5	31.5	92.53
7	220 KV Dichpally SS	2x50	1x80 + 1x50	30	536.65
8	132 KV Padmaji wadi SS	1x31.5 + 1x16	2x31.5	15.5	154.22
	TSSPDCL				
9	132 KV Medak SS	2 x 50	3x50	50	485.53
10	132 KV Manoharabad SS	1 x 80 + 1 x 50	1x80+2x50	50	485.53
11	132 KV Ramayampet SS	2 x 31.5	1x50+1x31.5	18.5	406.25
12	132 KV Palamakula SS	2 x 31.5	1x50+1x31.5	18.5	406.25
13	132KV Choutuppal SS	2 x 50	3x50	50	485.53
14	132KV Suryapet SS	2 x 80	3x80	80	604.44
15	132KV Yerrabelly SS	2 x 31.5	2x50	37	26.5
16	132KV WadapallySS	1 x 31.5 +1 x 15	1x31.5+1x50	35	13.25
17	132KV Aitipamula SS	1 x 50 +1 x 31.5	1x31.5+1x80	30	536.68
18	132KV Munugodu SS	1 x 31.5+1x10/16	2x31.5	15.5	13.25
19	132KV MarrigudaSS	2 x 50	1x31.5 +2x50	31.5	92.53
20	220 KV BhoothpurSS	1x50 + 1x10/16	1x50 + 1x31.5	15.5	13.25
21	132 KV ThirumalaipallySS	2x31.5 + 1x10/16	3x31.5	15.5	154.22
22	132 KV AchampetSS	2x50	2x80	60	1073.36
23	132 KV Turkayamjal SS	1 x 50 +1 x 31.5	1x50+1x80	48.5	536.68
24	220 KV Ghanapur SS	1x80+1x31.5	2x80	48.5	536.68

Total 7281.14