

## TRANSMISSION CORPORATION OF TELANGANA LIMITED

Sub: Administrative approval for Up gradation of existing 132/33 KV RC Puram SS to 220/132/33 KV SS in Ranga Reddy District – Accorded

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**T.O.O (CE-Construction) Ms. No. 260**

**Dated: 30.11 2018.**

Read the following

### **O R D E R**

- 1) The proposal for Up gradation of existing 132/33 KV RC Puram SS to 220/132/33 KV SS in Ranga Reddy was received from the Chief Engineer/ Metro Zone. The Chief Engineer, Power Systems has carried out the load flow studies and informed that the proposal for Up gradation of existing 132/33 KV RC Puram SS to 220/132/33 KV RC Puram SS is observed to be advantageous with the following observations.
  - i. The system losses are reduced by 1.6 MW and voltages are within the limits in the scheme area.
  - ii. The Power Transformer loadings at 400/220 KV Shankarpally SS are slightly increased.
  - iii. The Power Transformer loadings at 220/132 KV Gachibowli SS and 220/132 KV Shapurnagar are reduced.
  - iv. The line loading on 220 KV Malkaram – Shapurnagar DC line is reduced.
- 2) The Chief Engineer, Telecom has furnished the detailed cost estimate for providing Optical Fiber Communication facility to the Proposed Up gradation of existing 132/33 KV RC Puram SS to 220/132/33 KV SS for an amount of Rs.143.22 lakhs.
- 3) After careful consideration, TSTRANSCO accords administrative approval for the above scheme at a total cost of Rs.170.66 Crores considering latest approved material / equipment rates with 10% of price escalation & GST @ 18% as per the abstract.

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**A B S T R A C T**

<b>SNo.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE (Rs.IN LAKHS)</b>	<b>AMOUNT (Rs.IN LAKHS)</b>
1	Up gradation of existing 132/33 KV RC Puram SS to 220/132/33 KV SS in Rangareddy Dist with 2x160 MVA PTRs	Nos.	1.00	3537.00	3537.00
2	220 KV SMDC line from 400/220 KV Shankarpally SS to proposed 220/132/33 KV RC Puram SS on Mono poles.	KM	22.00	483.00	10626.00
3	Erection of 220 KV feeder Bays with 220 KV Bus extension at 400 KV Shankarpally SS	Nos.	2.00	193.00	386.00
4	Erection of 132 KV feeder Bays at 220/132 KV RC Puram SS	Nos.	6.00	115.00	690.00
5	Providing of OFC communication facility	Est	Est	143.22	143.22
<b>TOTAL</b>					<b>15382.22</b>

**OR SAY RS.153.82 Crores**

**Including IDC Rs. 170.66 Crores**

- 4) The scheme will be executed with the financial assistance from Funding Agencies and with TSTRANSCO funding in case full loan is not sanctioned.
- 5) The Chief Engineer/ Construction is hereby authorized to take up the above works after funding tie-up and investment approval from TSERC. This authorization is issued with the concurrence of Joint Managing Director (Fin,Comml & HRD) vide Regd. No.2718, Dated.06.06.2018.

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- 6) In exercise of the powers conferred by G.O. Ms. No. 26 dated 03.09.2015, TSTRANSCO 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 TRANSCO.

**BY ORDER AND IN THE NAME OF TRANSMISSION CORPORATION OF TELANGANA LIMITED**

**Sd/-  
D.PRABHAKAR RAO  
CHAIRMAN & MANAGING DIRECTOR**

To,

The Chief Engineer, Construction, TSTRANSCO, Vidyut Soudha, Hyderabad.

Copy to:

The Chairman & Managing Director, TSSPDCL, Hyderabad

The Executive Director (LIS), TSTRANSCO, Vidyut Soudha, Hyderabad.

The Chief Engineer, Comm & RAC, TSTRANSCO, Vidyut Soudha, Hyderabad

The Chief Engineer, Power systems, TSTRANSCO, Vidyut Soudha, Hyderabad

The Chief Engineer, Transmission, TSTRANSCO, Vidyut Soudha, Hyderabad

The Chief Engineer, Metro Zone, TSTRANSCO, Hyderabad.

The Chief Engineer, Rural Zone, TSTRANSCO, Hyderabad.

The Chief Engineer, Telecom, TSTRANSCO, Vidyut Soudha, Hyderabad

The Chief Engineer, P & MM, TSTRANSCO, Vidyut Soudha, Hyderabad.

The Executive Director (Finance), TSTRANSCO, Vidyut Soudha, Hyderabad.

The FA & CCA (Accounts & CFO), TSTRANSCO, Vidyut Soudha, Hyderabad

The Superintending Engineer, OMC Circle-West, TSTRANSCO, Hyderabad.

The Superintending Engineer, OMC Circle-Sangareddy, TSTRANSCO, Medak

The Superintending Engineer, Operation Circle-North, TSSPDCL, Rangareddy.

The Superintending Engineer/Construction-I, TSTRANSCO, Vidyut Soudha, Hyderabad

The Divisional Engineer-1/SE/Const-I/O/o CE/Const. TSTRANSCO, Vidyut Soudha, Hyd

SE/T to Chairman & Managing Director, TSTRANSCO, Vidyut Soudha, Hyderabad

PS to the Chairman & Managing Director, TSTRANSCO, Vidyut Soudha, Hyderabad

PS to the Joint Managing Director, Fin, Comm & HRD, TSTRANSCO, VS, Hyderabad

DE/T to Director, Transmission, TSTRANSCO, Vidyut Soudha, Hyderabad

DE/T to Director, Projects, TSTRANSCO, Vidyut Soudha, Hyderabad

ADE/T to Director, Lift Irrigation Schemes, TSTRANSCO, Vidyut Soudha, Hyderabad.

AE/T to Director Grid Operation, TSTRANSCO, Vidyut Soudha, Hyderabad

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