



TRANSMISSION CORPORATION OF TELANGANA LIMITED

ABSTRACT

Lift Irrigation Scheme at Chennuru constituency under Kaleswaram Lift irrigation Scheme - Extension of power supply at 220kV level for a Load of **20.80MW (20.3MW + 0.5MW Aux. load) to **Pokkur pumping station** by constructing 220/11kV SS and 220kV TMDC line at Pokkuru (V), Chennuru (Mandal) of Mancherial Dist – **Deposit Contribution Works - Administrative Approval** – Accorded.**

T.O.O. (CE-LIS) Ms.No. 1447

Dt: 03.08.2022

Read the following:-

Ref: 1 Ltr.No.CE(I)/MNCL/DCE/DEE(T)/AEE2/289, dt.29.07.2021

2. Ltr.No.CE (Irr)/MNCL/DCE/DEE(T)/AEE/2022-23/127, dt.05.05.2022

PROCEEDINGS:

1. The Chief Engineer/Irrigation/Mancherial vide reference 1st cited above has informed that, Government of Telangana has to irrigate an ayacut of about 135000 Acres (80000Ac New and 55000Ac stabilization) duly forming the 3Nos of New Lift Irrigation schemes to utilize 10 TMC of water from foreshore of Laxmi, Saraswathi & Parvathi barrages of Kaleswaram Project to irrigate in Chennuru Constituency under Kaleswaram Lift Irrigation Scheme.
2. Simultaneously, the Chief Engineer/Irrigation/Mancherial has informed that Government of Telangana has accorded Administrative sanction to irrigate an ayacut of 90,000 Acres and also requested vide reference 2nd cited for extension of power supply to Lift-2 at Pokkur pumping station for a load of 20.8MW in Chennur constituency, Mancherial Dist. are as follows.

Lift Irrigation Scheme at Chennuru constituency:

Sl. No	Name of Pump house	Location	No. of Pumps X Rating of each pump	Power Requirement
1.	PS-2 @ Pokkur	Pokkur(V), Chennur (M), Mancherial (Dist.)	4Nos X 3.15 MW (with Static head of 58.163 M Stage-2a, from Annaram to Arepally Tank) and 2 Nos X 2.45 MW (with Static head of 44.263M Stage-2b, from Annaram to Asnad Tank) and 2 Nos X 1.40 MW (with Static head of 84.163M Stage-2c, from Annaram to Reddipalli Tank)	$(4 \times 3.15 + 2 \times 2.45 + 2 \times 1.40) + 0.5 = 20.80 \text{ MW}$
TOTAL POWER REQUIREMENT				20.80 MW
Total of MVA (20.80/0.95)				21.89 MVA

Contd...(2)

3. After careful consideration, TSTRANSCO has approved the Scheme at a cost of **2398.086 Lakhs** (Rupees Twenty three Crores Ninety eight Lakhs and Eight Thousand six hundred Only) including 10% overhead charges for the works of extension of H.T supply to proposed Pokkur pumping station in Chennuru Constituency under Kaleswaram Lift Irrigation Scheme for a Total C.M.D of 21894.7KVA as **Deposit Contribution Works** as detailed below.

SL. No.	Description	Amount in Rs. Lakhs.
1	Erection of 220/11kV LIS substation at Pokkur (V) with 220/11kV, 2x25MVA PTRs and with 1No metering Bay at 220 kV level	2398.086
Grand Total in Rs.Lakhs		2398.086

4. "In exercise of the powers conferred under section 164 of the Electricity Act,2003 Central Act No.36 of 2003, the Government of Telangana vide (G.O.Ms.No.115, dt.7.10.2003) conferred upon the Transmission Corporation of Telangana Limited, the Transmission Supply Licensee in the State of Telangana, Northern Power Distribution Company of Telangana Limited and Southern Power Distribution Company of Telangana Limited the distribution and retail supply licensee or their authorized representatives to have the powers for placing of the electric supply lines or telegraphic communications necessary for the proper co-ordination of works that a telegraphic authority possessed under the provision of the Indian Telegraph Act,1885 (Central Act 13 of 1885).
5. The sanction accorded in Para No.3 above is subject to instructions issued by the TS TRANSCO on release of Services and Tariff as may be in force from time to time.
6. The works are under the scope of Chief Engineer/LIS/TSTRANSCO/VS/Hyderabad.
7. An amount of **Rs. 2398.086 Lakhs** shall be collected as Deposit Contribution charges from Chief Engineer/Irrigation/Mancherial for carrying out the works by TSTRANSCO.
8. The Technical Sanction will be accorded by the Chief Engineer/Lift Irrigation Schemes/ Vidyut Soudha/Hyderabad.

9. The order is issued with the concurrence of Joint Managing Director (Finance, Comml. & HRD) / TSTRANSCO vide Regd.No. 3253, dated.19.07.2022.

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

Sd/-
D. PRABHAKAR RAO
CHAIRMAN AND MANAGING DIRECTOR
TS TRANSCO

Encl: Annexure – II

To
The Chief Engineer (LIS) / Vidyut Soudha / Hyderabad.

Copy to:

1. The Executive Director (Finance)/ TSTRANSCO/VS/Hyderabad.
2. The Chief Engineer/400 KV/TSTRANSCO/ VS/Hyderabad.
3. The Chief Engineer / Transmission /TSTRANSCO / VS / Hyderabad.
4. The Chief Engineer / Construction /TSTRANSCO / VS / Hyderabad.
5. The Chief Engineer / Power Systems/ TSTRANSCO / VS / Hyderabad.
6. The Chief Engineer / SLDC/ TSTRANSCO / VS/Hyderabad.
7. The Chief Engineer/ Comml. & RAC / TSTRANSCO / VS / Hyderabad.
8. The Chief Engineer/ Telecom / TSTRANSCO / VS / Hyderabad.
9. The Chief Engineer/ Civil / TSTRANSCO / VS / Hyderabad.
10. The Chief Engineer / IT / TSTRANSCO / VS/Hyderabad.
11. The Chief Engineer / P&MM/ TSTRANSCO / VS/Hyderabad.
12. The Chief Engineer / Zone/ TSTRANSCO / Karimnagar.
13. The FA & CCA (Accounts) / TSTRANSCO / VS / Hyderabad.
14. The CGM /Commercial/TSNPDCCL /Corporate office/ Vidyut Bhavan / Nakkalagutta / Hanmakonda/Warangal.
15. The SE(T) to CMD / TSTRANSCO / VS / Hyderabad.
16. The P.S. to the JMD(Finance, Comml. & HRD)/ TSTRANSCO / VS / Hyderabad.
17. The ADE(T) to Director (LIS)/ TSTRANSCO / VS / Hyderabad.
18. The DE (T) to Director (Projects)/ TSTRANSCO / VS / Hyderabad.
19. The P.S. to the Director(Grid Operation) / TSTRANSCO / VS / Hyderabad.
20. The DE(T) to Director (Transmission) / TSTRANSCO / VS / Hyderabad.
21. The Superintending Engineer/LIS /TSTRANSCO/Karimnagar.
22. The Superintending Engineer/OMC/TSTRANSCO/Karimnagar.
23. The Superintending Engineer/Civil/LIS /TSTRANSCO/Karimnagar.
24. The Executive Engineer/LIS /TSTRANSCO/Nizamabad.
25. The Executive Engineer/Civil/LIS/TSTRANSCO/ Karimnagar.
26. The Resident Audit Officer / TSTRANSCO / VS / Hyderabad.

//FORWARDED BY ORDER//

ASST.DIVISIONAL ENGINEER (Elect.,)/Div-I
LIFT IRRIGATION SCHEMES

