



## TRANSMISSION CORPORATION OF TELANGANA LIMITED

### ABSTRACT

**Lift Irrigation Schemes** – Extension of power supply (for a load of 71.00MW) to the proposed Pumping stations at Borancha (V), Manoor(M) & Ramthirth(V), Kangti (M) under Basaveswara Lift Irrigation Scheme in Sangareddy District – **Deposit Contribution Works - Administrative Approval** – Accorded.

T.O.O. (CE-LIS) Ms.No. 1424

Dt: 27.06.2022

Read the following:-

Ref: Lr.No.CE/I/SRD/DCE/DEE1/AEE4/BLIS/1561/, Dt.03-12-2021.

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### PROCEEDINGS:

1. The Chief Engineer/Irrigation/Sangareddy vide reference cited above has informed that, the Government of Telangana has accorded Administrative approval (vide G.O.Ms.No.37, Dt.23.09.2021 to create an ayacut of 1.65 Lakhs Acres by lifting 8 TMC of water from the foreshore of Singoor Reservoir (L/S) to irrigate the upland areas covering 166 Villages in 8 Mandals in Sangareddy District under Narayankhed and Andole Assembly Constituencies under Basaveswara Lift Irrigation Scheme.
2. In this regard, the Chief Engineer/Irrigation/Sangareddy has requested for extension of power supply to the following newly proposed Lift Irrigation pumping stations duly furnishing the following Power requirement details.

### Basaveswara Lift Irrigation Scheme:

Sl. No	Name of Pump house	Location	No. of Pumps X Rating of each pump	Total power Required incl. Aux. Load 0.5MW
1	PS-1 @ Borancha	Borancha (V), Manoor (M), Sangareddy (Dist.)	9Nos X 5 MW (with Static head of 51.36m Stage-I) and 2 Nos X 5 MW (with Static head of 58.01m Stage-II)	$(9 \times 5 + 2 \times 5) + 0.5$ $= 55.50 \text{ MW}$
2	PS-2 @ Ramthirth	Ramthirth(V), Kangti(M), Sangareddy Dist.	3Nos X 5 MW (with static head of 74.52m Stage-I)	$(3 \times 5) + 0.5 =$ $15.5 \text{ MW}$
<b>TOTAL POWER REQUIREMENT</b>				<b>71.00 MW</b>

Contd...(2)

3. After careful consideration, TSTRANSCO has approved the Scheme at a cost of **Rs.2809.78 Lakhs** (Rupees Twenty Eight Crores and Nine Lakhs Seventy Eight Thousand Only) including 10% overhead charges for the works of extension of H.T supply to proposed Borancha & Ramthirth pumping stations under Basaveswara Lift Irrigation Scheme for a Total C.M.D of **74736.842KVA** as **Deposit Contribution Works** as detailed below.

Sl. No.	Description	Amount in Rs. Lakhs.
1	<b>Erection of 220/132/11kV LIS Sub-station at Borancha (V)</b> with 220/132kV, 2x100MVA PTRs and 132/11kV, 2x60MVA PTRs with 2No's metering Bays at 132kV level including 4Nos 220kV Feeder Bays & 2Nos 132kV Feeder Bays.	1912.86
2	<b>Erection of 132/11kV LIS Sub-station at Ramthirth (V)</b> with 132/11kV, 2x16MVA PTRs with metering Bay including 2Nos 132kV Feeder Bays.	896.92
<b>Grand Total in Rs.Lakhs</b>		<b>2809.78</b>

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.2809.78 Lakhs** shall be collected as Deposit Contribution charges from Chief Engineer/Irrigation/Sangareddy 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. 2615, dated.09.06.2022.

(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/ Hyderabad-Rural/ TSTRANSCO / Erragadda/ Hyderabad.
13. The FA & CCA ( Accounts ) / TSTRANSCO / VS / Hyderabad.
14. The CGM /Commercial/TSSPDCL /Corporate office/Mint compound/Hyderabad
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/Hyd-Rural/GTS Colony/TSTRANSCO/Hyderabad
22. The Superintending Engineer/OMC/TSTRANSCO/Sangareddy
23. The Superintending Engineer/Civil/LIS /TSTRANSCO/Karimnagar
24. The Executive Engineer/LIS/ Const./Hyd-Rural/GTS Colony/TSTRANSCO/Hyderabad
25. The Executive Engineer/Civil/LIS/ Hyd-Rural/TSTRANSCO/ Hyderabad
26. The Resident Audit Officer / TSTRANSCO / VS / Hyderabad.

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//FORWARDED BY ORDER//

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