

TRANSMISSION CORPORATION OF TELANGANA LIMITED

ABSTRACT

EXTENSIONS – Extension of Power Supply for a C.M.D. of 26.315789 MVA at 132 kV level to RS Ghanpur (Rajavaram) Pump house (25MW) under Phase-III of Devadula Godavari Lift Irrigation Scheme on Turnkey basis in Warangal (old) Dist – **Bulk Load Works - Administrative Approval** – Accorded.

T.O.O. (ED-LIS) Ms.No.749

Dt.15 .04.2020

Read the following:-

- Ref: 1) Lr.No.CE/GLIS/Wgl/DCE/OT1/TS3/F.TSTRANSCO/69, Dt.11.01.2019
2) Lr.No.CE/GLIS/Wgl/DCE/OT1/TS3/F.TSTRANSCO/270, Dt.04.02.2019
3) Lr.No.CE/GLIS/Wgl/DCE/OT1/TS3/F.TSTRANSCO/503, Dt.06.03.2019
4) Lr.No.SE/LIS/C/Wgl/Tech/F.No. /D.No.24/19-20, Dt.20.4.2019
5) Lr.No.SE/LIS/C/Wgl/Tech/F.No. /D.No.262/19-20, Dt.25.7.2019
6) Lr.No.SE/LIS/C/Wgl/Tech/F.No. /D.No.413/19-20, Dt.09.10.2019

PROCEEDINGS:

1. The Chief Engineer /I&CADD/ JCR Devadula Godavari LIS/Warangal vide ref.(1) to (3) cited above, has requested for extension of power supply to EM1 Tunnel Pump House at Rajavaram and EM5 Pump house at R.S.Ghanpur at 132KV level respectively under Phase-III, Package-IV of J. Chokka Rao Devadula Godavari Lift Irrigation Scheme in Warangal (old) District.
2. The I & CAD Department has furnished a total load of 25 MW including Auxiliary which are required at EM1 Tunnel Pump House at Rajavaram and EM5 Pump house at R.S.Ghanpur are as follows:

Sl.No.	Location of Pump House	No. Of pumps	Rating of each Pump in MW.	Total power Required in MW
1.	Rajavaram	2	4.3	8.6
2.	R.S. Ghanpur	2	1.27	2.54
3	R.S. Ghanpur (Phase-II)	2	3.5	7.00

3. After careful consideration, TS TRANSCO approves the Scheme at a total cost of **Rs.1267.62Lakhs** (Rupees Twelve Crores Sixty seven lakhs and Sixty Two thousand only) for the works of extension of H.T supply to upcoming I&CAD Loads at EM1 Tunnel Pump House at Rajavaram and EM5 Pump house at R.S.Ghanpur villages in Warangal (old) Dist under Phase-III, Package-IV of J. Chokka Rao Devadula Godavari Lift Irrigation Scheme for a C.M.D of 26.315789 MVA at 132 kV level as detailed below:

a)	Scheme cost for Bulk load works (incl.GST@12%)	-	1004.46 Lakhs
b)	Development Charges at the rate of Rs.1000/- per KVA for 26.315789 MVA at 132 kV.	-	(+) 263.16 Lakhs
TOTAL		-	1267.62 Lakhs
** Security Deposit Charges to be paid to TS NPDCL at the rate of Rs.1000/- per KVA for a load of 26.315789 MVA		-	263.16 Lakhs
Service connection charges Rs 30,000 per Connection		-	0.30 Lakhs
Total (incl. GST @12%)		-	263.46 Lakhs

**The above charges of Rs.263.46 Lakhs which includes connection charges @ Rs30,000 per connection are required to be paid to TS NPDCL by I&CAD, Govt. of Telangana, at the time of release of service connection

The salient features of the Scheme are:

Sl.No.	Description	Rs. in Lakhs
I	Developmental charges at the rate of Rs.1000/- per KVA for 26.315789 MVA (R.S Ghanpur Pump houses)	263.16
II	RS Ghanpur 132/33-11KV SS and connected works	
(a)	Erection of Terminal and Metering arrangements at proposed RS Ghanpur 132/11 kV Substation	810.54
(b)	i) Supply & erection of 132KV LILO to proposed 132/33-11 KV RS Ghanpur (Rajavaram) in Jangaon Dist., Taping from existing 132KV Dharmasagar - Raghunathpally Line including Communication on the above line.and additional HTLS Line Crossing Works	141.26
(d)	Supply & Erection of 33 KV 15 MVAR Capacitor bank at 132/33KV Mulugu Substation in Mulugu Dist.	52.66
	TOTAL	1004.46
	Grand Total (I+II) in Rs.Lakhs	1267.62

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 and Northern 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 will be executed by the Executive Director / Lift irrigation Schemes /Vidyuthsoudha /Hyderabad
7. An amount of **Rs.1267.62 Lakhs** shall be collected by TS TRANSCO as Bulk Load charges which includes developmental charges from the Chief Engineer (Projects), JCR DGLIS / I&CAD department, Warangal for taking up the works by TS TRANSCO.
8. The Technical Sanction was accorded by the Executive Director/Lift Irrigation Schemes/ Vidyut Soudha/Hyderabad.
9. The Order is issued with the concurrence of Joint Managing Director (Finance,Commml.,& HRD) vide Regd.No.1151, dated 05.03.2020.

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

Encl:Annexure-I

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

To

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

Copy to:

1. The DE(T) to the Chairman and Managing Director/TS NPDCL/Warangal
2. The Chief Engineer / Power Systems/ TSTRANSCO / VS / Hyderabad
3. The Chief Engineer/400 KV/VS/Hyderabad
4. The Chief Engineer / Zone/ TSTRANSCO / Warangal.
5. The Chief Engineer / SLDC/ TSTRANSCO / VS/Hyderabad.
6. The Chief Engineer / Information Technology/ TSTRANSCO / VS/Hyderabad.
7. The Chief Engineer / P&MM/ TSTRANSCO / VS/Hyderabad
8. The Chief Engineer/Construction/TS TRANSCO/Hyderabad
9. The Chief Engineer/Commml/TSPCC/TS TRANSCO/Hyderabad
10. The Chief Engineer/Commml&RAC/TS TRANSCO/Hyderabad
11. The Chief Engineer/Transmission/TS TRANSCO/Hyderabad
12. The Chief Engineer/Telecom/TS TRANSCO/Hyderabad
13. The Executive Director (Finance)/ TSTRANSCO/VS/Hyderabad
14. The Chief General Manager/Commercial/TS NPDCL/Warangal.
15. The FA & CCA (Accounts) / TSTRANSCO / VS / Hyderabad.
16. The SE(T) to the CMD / TSTRANSCO / VS / Hyderabad.
17. The P.S. to the JMD(Finance, Commml. & HRD)/ TSTRANSCO / VS / Hyderabad.
18. The ADE(T) to Director (LIS)/ TSTRANSCO / VS / Hyderabad.

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19. The DE (T) to Director (Projects) / TSTRANSCO / VS / Hyderabad.
20. The DE(T) to Director (Transmission) / TSTRANSCO / VS / Hyderabad.
21. The AE(T) to Director (Grid Operations) / TSTRANSCO / VS / Hyderabad.
22. The Superintending Engineer/LIS/TSTRANSCO/Warangal
23. The Superintending Engineer/OMC/TSTRANSCO/ Warangal
24. The Superintending Engineer/Civil /TSTRANSCO /Warangal
25. The Executive Engineer/LIS/TSTRANSCO/ Warangal
26. The Resident Audit Officer / TSTRANSCO / VS / Hyderabad.

//FORWARDED BY ORDER//

ASSISTANT DIVISIONAL ENGINEER (Elect.,)
LIFT IRRIGATION SCHEMES