

TRANSMISSION CORPORATION OF TELANGANA LIMITED

A B S T R A C T

Extension of power supply for a C.M.D of 386 MVA at 220kV Level to Akkaram and Markook pumping stations in Pakage-14 under Kaleshwaram lift Irrigation Project - **Bulk Load works-** Revised Administrative Approval – Accorded.

T.O.O. (CE-LIS) Ms.No.369

Dt.28-05-2019.

Read the following:-

- Ref: 1. Lr.No. CE/KPH/DCE/DEE-3/AEE-3/Pkg-14/TSTRANSCO/ 2017/1055, Dt:27.06.2017.
 2. T.O.O(CE-LIS) Ms. No.18, Dt:24.08.2017
 3. Lr.No. SE/KPCC-1/SDPT/AEE/2018/251/H, Dt:23.04.2018
 4. Lr.No. ED(LIS)/SE(LI)/DE-2(LIS)/ADE-2/F.Audit/Peshi/D.No.178/18, Dt:06.09.2018

PROCEEDINGS:

- Administrative approval was accorded vide ref(2) for an amount of Rs.155.30 Crores for extension of 220KV Power Supply to the Akkaram (PS-I) and Markook (PS-II) under Kaleshwaram Lift Irrigation Scheme as per the loads furnished by the Irrigation Department vide ref. (1) cited. The same was communicated to I&CAD department and were requested to deposit the Scheme cost of Rs. 155.30 Crores and the same is to be received.
- The Superintending Engineer/I & CAD/KPCC-1/Siddipet vide their letter 3rd cited informed that, due to increase in discharge from 142 cumecs to 212 cumecs, the number and capacity of Lift Irrigation pumps is increased from 5 x 27 MW to 6 x 34 MW at Markook and 4x27 MW to 6 x 27 MW at Akkaram pump stations.

The power requirement details at each pumping station are revised as follows :

Sl.No	Description	Location	No.of Pumps	Rating of each motor (MW)	Total power (MW)
1	Lift-1	Akkaram (V), Gajwel (M)	6	27	162
2	Lift-2	Markook (V&M)	6	34	204

- Executive Director/LIS vide letter 4th cited, informed that “the details of assets under Bulk Load works (i.e up to Metering Arrangement) and the Deposit Contribution works (i.e., beyond metering point) are to be capitalized separately.”

Accordingly, After careful consideration, TSTRANSCO approves the Scheme at a revised cost of **Rs. 51.60 Crores** (Rupees Fifty One Crores and Sixty Lakhs only) for **Bulk load works** portion for extension of H.T supply to Pumping Stations at Akkaram and Markook in Siddipet district under Kaleshwaram lift Irrigation Project for a CMD of 386 MVA at 220kV level as detailed below.

a)	Scheme cost for works	-	51.60 Crores
b)	Development Charges @ Rs.1000/- per KVA for 386 MVA (including GST @12%)	(+)	43.23 Crores
TOTAL -			94.83 Crores

4. The salient features of the Scheme are:

Sl.No.	Description	Amount (Rs. In Lakhs)
I	Bulk Load Works	
1	220/11kV Akkaram Pump house	
a)	2 Nos. 220kV Bays at 400kV Gajwel SS	462.930
b)	220kV TMDC line from 400/220/11kV Gajwel SS to 220/11kV Akkaram SS	1198.720
c)	Tele Communication for the above line	107.755
d)	4 Nos. feeder Bays at 220/11kV Akkaram along with T & M arrangement	1272.250
2	220/11kV Markook Pump House	
a)	220kV DC line from 220/11kV Akkaram SS to 220/11 KV Markook	983.212
b)	Tele communication for the above line	93.296
c)	2 Nos. feeder Bays at 220/11kV Markook along with T & M arrangement.	1042.18
	Total	5160.3430
	Or Say	51.60 Crores

5. “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 in the area covered by the revenue districts of Nizamabad, Adilabad, Karimnagar, Warangal and Khammam and Southern Power Distribution Company of Telangana Limited, the distribution and retail

supply licensee in the area covered by the Revenue districts of Hyderabad, Ranga reddy, Mahabubnagar, Nalgonda and Medak or their authorized representatives to have the powers for placing of the electric supply lines or electric plant for the transmission of electricity or for the purpose of telephonic 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).”

6. The sanction accorded in Para No.3 above is subject to instructions issued by the TSTRANSCO on release of services and tariff as may be in force from time to time.
7. The above 220 KV works will be executed by the Chief Engineer/Lift Irrigation schemes/VS/Hyderabad.
8. An amount of **Rs.94.83 Crores** shall be collected towards revised scheme cost including development charges from Chief Engineer (KP), I&CAD, Hyderabad.
9. The order is issued with the concurrence of Joint Managing Director (Fin., Comml.,& Hrd.)/ TSTRANSCO vide Regd.No. 1789, dated 23.04.2019.

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

Sd/-
D PRABHAKAR RAO
CHAIRMAN AND MANAGING DIRECTOR

To

The Chief Engineer/Lift Irrigation Schemes / Vidyut Soudha / Hyderabad.

Copy to:

1. The P.S. to CMD / TSTRANSCO / VS / Hyderabad.
2. The ADE(T) to Director (LIS)/ VS / Hyderabad
3. The Executive Director/ Lift Irrigation Schemes / Vidyut Soudha / Hyderabad
4. The Executive Director (Finance)/ VS/Hyderabad
5. The Chief Engineer / Transmission / VS / Hyderabad.
6. The Chief Engineer/ Comml.& RAC/ VS / Hyderabad.
7. The Chief Engineer / Telecom/ VS / Hyderabad
8. The Chief Engineer / Zone/ Rural / Hyderabad.
9. The Chief Engineer / Civil / Hyderabad
10. The Superintending Engineer/LIS/Hyd-Rural
11. The Superintending Engineer/Power Systems/VS/Hyderabad.
12. The Executive Engineer/LIS/Mahabubnagar.