



## TRANSMISSION CORPORATION OF TELANGANA LIMITED

### ABSTRACT

EXTENSIONS – Extension of Power supply to the **Amba Bhavani Pumping station** for a load of **9.5MW** (2x4.5MW + 0.5MW Aux. load) at 132KV level near Vizag Colony(V), Neradigommu Mandal of Nalgonda District. ii) Extension of Power supply to the **Kambalapally Pumping station** for a load of **9.5MW** (3x3MW + 0.5MW Aux. load) at 132KV level near Kambalapally(V), Chandampet Mandal of Nalgonda District. - **Bulk Load Works - Administrative Approval** - Accorded.

T.O.O. (CE-LIS) Ms.No.1234

Dt. 10.11.2021

Read the following:-

- Ref: 1. Lr.No.CE/IRR/NLG/DCE/OT/AEE/IDC Lifts/2022, Dt.03-06-2021.  
2. Lr.No.CE/IRR/NLG/DCE/OT/AEE/IDC Lifts/2023, Dt.03-06-2021.

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### PROCEEDINGS:

1. Chief Engineer/ I & CAD Dept./Nalgonda vide references (1&2) cited above, has requested for extending power supply to the proposed Amba Bhavani Pump house near Vizag Colony(V), Neradigommu Mandal of Nalgonda District. and Kambalapally Pump house near Kambalapally(V), Chandampet Mandal of Nalgonda District. at 132kV level under Amba Bhavani & Kambalapally Lift Irrigation Schemes in Nalgonda District.
2. The I&CAD Department has furnished a load of 9.5MW each (including Auxiliary load) which are required at proposed Amba Bhavani & Kambalapally Pump houses are as follows:

Sl. No	Name of Pump house	Location	No. of Pumps X Rating of each pump	Total Power Required in MW incl. of Aux. Load 0.5MW
1.	Amba Bhavani LIS	Vizag Colony(V), Neradigommu (M), Nalgonda District	2 No's X 4.5 MW	(2 x4.5) + 0.5 = 9.5MW
<b>Total Power requirement in MW</b>				<b>9.5 MW</b>
<b>Total of MVA (9.5/0.95)</b>				<b>10.00 MVA</b>
2.	Kambalapally LIS	Kambalapally(V), Chandampet(M), Nalgonda District	3 No's X 3 MW	(3 x3) + 0.5 = 9.5MW
<b>Total Power requirement in MW</b>				<b>9.5 MW</b>
<b>Total of MVA (9.5/0.95)</b>				<b>10.00 MVA</b>

Contd... (2)

3. After careful consideration, TSTRANSCO has approved the Scheme at a cost of **Rs. 9819.96 Lakhs** (Rupees Ninety Eight Crores Nineteen Lakhs and Ninety Six Thousand Only) including 10% overhead charges for the works of extension of H.T supply to the both Pumping Stations at Vizag Colony(V) & Kambalapally(V) in Nalgonda dist. under Amba Bhavani & Kambalapally Lift Irrigation Projects for a C.M.D of **10.00MVA each** at 132kv level as **Bulk Load Works** and estimated cost of both the Schemes are as detailed below:

	<b>Rs. in Lakhs</b>
a) Scheme cost for Bulk load works -	<b>9619.96</b> Lakhs
b) Development Charges for both schemes @ Rs.1000/- per KVA for <b>20.00 MVA</b>	(+) <b>200.00</b> Lakhs
<b>Total Rs.</b>	<b>9819.96</b> Lakhs

\*\* Security Deposit Charges to be paid to TSSPDCL **200.60 Lakhs**  
@ Rs.1000/- per KVA for a load of **20.00 MVA** for both schemes

\*\*The above charges of **Rs.200.60 Lakhs** which includes Service connection charges @Rs30,000 per connection are required to be paid to TSSPDCL by I&CAD Dept., Govt. of Telangana, at the time of release of service connections for both the Schemes.

4. The salient features of both the Schemes are:

**TOTAL COST OF BULK LOAD WORKS:**

**i) Amba Bhavani LIS:**

SL.No.	Description	Amount Rs. in Lakhs.
<b>I</b>	Developmental charges at the rate of Rs.1000/- per KVA for 10000.0 KVA for Amba Bhavani Pump house	100.00
<b>II</b>	<b>Amba Bhavani 132/11KV SS and connected works</b>	
(a)	Erection of Terminal and Metering arrangements at proposed Amba Bhavani 132/11KV Sub-station	767.01
(b)	Erection of 132KV LILO (1.0K.M) to the proposed Amba Bhavani LIS from the proposed one Ckt of 132KV DC line from the existing 220/132KV K.M.Pally Sub-Station to now proposed 132/11KV Kambalapally LIS under Amba Bhavani Lift Irrigation Scheme	185.76
	<b>Total Rs. in Lakhs</b>	<b>1052.77</b>

ii) Kambalapally LIS:

SL.No.	Description	Amount Rs. in Lakhs.
I	Developmental charges at the rate of Rs.1000/- per KVA for 10000.0 KVA for Kambalapally Pump house	100.00
II	<b>Kambalapally 132/11KV SS and connected works</b>	
(a)	Erection of Terminal and Metering arrangements at proposed new Kambalapally 132/11KV Sub-station	783.76
(b)	Erection of 132KV DC Line to proposed 132/11KV Kambalapally LIS Sub-station about 48.0KM from the existing 220/132KV K.M.Pally SS	7606.30
(c)	Erection of 2No's 132KV Bays Extension at 220/132KV K.M.Pally SS for proposed 132/11KV Kambalapally LIS	277.13
	<b>Total</b>	<b>8767.19</b>
	<b>Total cost of BL works for Amba Bhavani &amp; Kambalapally Schemes in Rs.Lakhs</b>	<b>9819.96</b>

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, 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).
6. The sanction accorded in Para No. 3 & 4 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 works are under the scope of Chief Engineer/LIS/TSTRANSCO/VS/Hyderabad.
8. An amount of **Rs. 9819.96 Lakhs** shall be collected as Service line charges and Developmental charges, from The Chief Engineer/I&CAD Dept./Nalgonda for carrying out the works by TSTRANSCO.
9. The Technical Sanction will be accorded by the Chief Engineer/Lift Irrigation Schemes/Vidyut Soudha/Hyderabad.

10. The order is issued with the concurrence of Joint Managing Director (Finance, Comml. & HRD)/ TSTRANSCO vide Regd.No. 4225, dated 18.10.2021.

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

**Sd/-**  
**C.SRINIVASA RAO**  
**CHAIRMAN AND MANAGING DIRECTOR (FAC)**  
**TSTRANSCO**

**Encl:** Annexure –I & III

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/Nalgonda.
23. The Superintending Engineer/OMC/TSTRANSCO/Sangareddy.
24. The Superintending Engineer/Civil/LIS /Karimnagar.
25. The Executive Engineer-III /LIS/Hyd-Rural/GTS Colony/TSTRANSCO/Hyderabad.
26. The Executive Engineer/Civil/LIS/Hyd-Rural/TSTRANSCO/Hyderabad.
27. The Resident Audit Officer/TSTRANSCO/VS/Hyderabad.

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