



TRANSMISSION CORPORATION OF TELANGANA LIMITED

A B S T R A C T

Sub : TGTRANSCO- Extension of Power supply to M/s. NIMZ, Zaheerabad at 220KV Voltage level through new dedicated feeder for an initial CMD of 40MVA– Bulk Load Work –Administrative Approval – Accorded.

T.O.O. (CE-LIS) Ms.No.2737.

Dt.08-05-2026.

Read the following: -

- Ref: 1. Lr.No. CE/TGIIC/Elec/F-P/s.NIMZ/2024-25,Dt.03.07.2024
 2. Lr.No. CE/TGIIC/Elec/F-P/s.NIMZ/2024-25,Dt.04.09.2024
 3. Lr.No. CE/TGIIC/Elec/F-P/s.NIMZ/2025-26,Dt.25.08.2025.
 4. Application No.HT57255315, Dt.29.09.2025

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PROCEEDINGS:

1. The Chief Engineer, TGIIC, vide letter cited under reference (1), has informed that the Government of Telangana is establishing a National Investment & Manufacturing Zone (NIMZ) at Zaheerabad in Sangareddy District. The ultimate estimated power requirement for Phase-I of the project is approximately 160 MVA.
2. Further, the Chief Engineer, TGIIC, has requested for extension of power supply at 220 kV voltage level to meet the initial demand of 40 MVA for NIMZ, Zaheerabad.
3. TGTRANSCO has accorded technical feasibility for extension of 220 kV supply to NIMZ, Zaheerabad, through erection of a new 220 kV Double Circuit (DC) line from the existing 220/132 kV Substation at Sadasivpet for an approximate route length of 40 km.
4. M/s TGIIC has submitted its consent letter dated 29.09.2025 for extension of power supply to NIMZ, Zaheerabad, at 220 kV voltage level for an initial Contracted Maximum Demand (CMD) of 40 MVA, with a new dedicated 220 kV feeder.
5. After careful consideration, TGTRANSCO has approved the Scheme at a cost of **Rs. 105,17,49,333.00** /- (Rupees One Hundred and Five Crores and Seventeen Lakhs, Forty-Nine thousand and Three hundred & Thirty-Three only) including Development charges for the works of extension of H.T supply for a initial C.M.D of 40 MVA at 220kV level as Bulk Load Works.

6. The Salient features of the Scheme are as follows:
- (i) Erection of 220 KV DC Line of line length 37 km from 220/132 kV SS at Sadashivapet to proposed M/s.NIMZ at Zaheerabad
 - (ii) Construction of 2Nos 220KV bays at 220/132 kV SS at Sadashivapet
 - (iii) Construction of 2Nos 220KV bays and 1No Metering Bay at M/s. NIMZ.
7. "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 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).
8. The sanction accorded in Para No.5 above is subject to instructions issued by the TGTRANSCO on release of services and tariff as may be in force from time to time.
9. The works are under the scope of Chief Engineer /LIS/TGTRANSCO /VS /Hyderabad.
10. An amount of **Rs. 105.17 Crores** shall be collected as Service line charges and Developmental charges, from Chief Engineer/TGIIC /Hyderabad for carrying out the works by TGTRANSCO.
11. The Technical Sanction will be accorded by the Chief Engineer/Lift Irrigation Schemes/ Vidyut Soudha/Hyderabad
12. The order is issued with the concurrence of Director (Finance, Comml. & HRD)/ TGTRANSCO vide Regd.No.1576, Dt. 24.10.2025.

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

Encl: Annexure -I

D. KRISHNA BHASKAR
CHAIRMAN AND MANAGING DIRECTOR
TGTRANSCO

To

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

Copy to:

1. The Chief Engineer/400 KV/VS/Hyderabad.
2. The Chief Engineer / Transmission /TGTRANSCO / VS / Hyderabad.
3. The Chief Engineer / Construction /TGTRANSCO / VS / Hyderabad
4. The Chief Engineer / Power Systems/ TGTRANSCO / VS / Hyderabad
5. The Chief Engineer / SLDC/ TGTRANSCO / VS/Hyderabad.
6. The Chief Engineer/ Comml. & RAC / TGTRANSCO / VS / Hyderabad.
7. The Chief Engineer/ Telecom / TGTRANSCO / VS / Hyderabad.
8. The Chief Engineer/ Civil / TGTRANSCO / VS / Hyderabad.
9. The Chief Engineer / IT & QC/ TGTRANSCO / VS/Hyderabad.
10. The Chief Engineer / P&MM/ TGTRANSCO / VS/Hyderabad.
11. The Chief Engineer/Zone/Hyderabad -Rural/Hyderabad
12. The FA & CCA (A & E) / TGTRANSCO / VS / Hyderabad.
13. The CE(T) to CMD / TGTRANSCO / VS / Hyderabad.
14. The P.S. to the Director/Finance, Comml. & HRD/ TGTRANSCO / VS / Hyderabad.
15. The DE(T) to Director (Projects)/ TGTRANSCO / VS / Hyderabad.
16. The DE(T) to Director (Grid & Transmission Management) / TGTRANSCO / VS / Hyderabad.
17. The Superintending Engineer/OMC/TGTRANSCO/Sangareddy
18. The Resident Audit Officer / TGTRANSCO / VS / Hyderabad.

ANNEXURE- I to T.O.O (CE-LIS)Ms.No.2737,Dt.08.05.2026

Erection of (i) 220 KV DC Line from 220/132 kV SS at Sadashivapet to Proposed M/s.NIMZ at Zaheerabad (ii) 2Nos 220KV bays at 220/132 kV SS at Sadashivapet (iii) 2Nos 220KV bays and 1No Metering Bay at M/s. NIMZ

Sl. No	Description	Total Cost Rs.
A	220kV Line (Supply portion)	
(i)	SCHEDULE-A1 Material Electrical (excl GST)	26,94,15,975.91
(ii)	SCHEDULE-A1-Material Telecom (excl GST)	76,96,170.30
	220kV Bay at Sadasivpet (Supply portion)	
(i)	SCHEDULE-A2 Material Electrical (excl. GST)	1,25,82,015.39
(ii)	SCHEDULE-A2-Material Telecom (excl GST)	24,87,697.20
	220KV Metering bays at NIMZ (Supply portion)	
(i)	SCHEDULE-A3 Material Electrical (excl GST)	2,05,65,760.23
(ii)	SCHEDULE-A3-Material Automation (excl GST)	41,24,319.00
(iii)	SCHEDULE-A3-Material Telecom (excl GST)	45,40,473.68
	TOTAL MATERIAL A Excluding GST	32,14,12,411.71
B	220kV Line (works portion)	
(i)	SCHEDULE-B1 Labour Electrical (excl GST)	3,36,28,292.65
(ii)	SCHEDULE-B1 Labour Civil (excl GST)	10,93,34,153.63
(iii)	SCHEDULE-B1 Labour Telecom (excl GST)	35,40,424.28
	220kV Bay at Sadasivpet (works portion)	
(i)	SCHEDULE-B2 Labour Electrical (excl GST)	22,62,898.35
(ii)	SCHEDULE-B2 Labour Civil schedule (excl GST)	66,06,713.55
(iii)	SCHEDULE-B2 Labour Telecom(excl GST)	65,049.75
	220KV Metering bays at NIMZ (works portion)	
(i)	SCHEDULE-B3 Labour Electrical (excl GST)	81,18,627.10
(ii)	SCHEDULE-B3 Labour Civil(excl GST)	1,99,28,068.37
(iii)	SCHEDULE-B3 Labour Telecom (excl GST)	2,05,865.40
(iv)	SCHEDULE-B3 Labour Automation(excl GST)	6,00,000.00
	Project Insurance @1%	50,57,025.05
	TOTAL LABOUR B Excluding GST	18,93,47,118.13
C	Base Project Cost (A+B)	51,07,59,529.84
D	Overheads and Other Costs	
	Provisions	
	Spares 3% on A (Material)	96,42,372.35
	Contingencies 3% on C	1,53,22,785.90
	Engineering Charges @ 2.5% on C	1,27,68,988.25
	Establishment & General charges @10.75 % C	5,49,06,649.46
	Operational Overheads @ 18% on C	9,19,36,715.37

	Provision towards Escalation @ 10% on C	5,10,75,952.98
	Tree / Crop Compensation (From Field Estimate)	4,75,00,000.00
	Development charges @ Rs. 1000 per KVA for 40MVA	4,00,00,000.00
	Land cost	5,74,00,000.00
D	Total of D	38,05,53,464.31
E	TOTAL (C+D)	89,13,12,994.15
F	GST @ 18%	16,04,36,338.95
	Grand Total including GST @ 18%	105,17,49,333.10
G	Amount to be collected with GST from the Consumer (E+F)	105,17,49,333.00

Sd/-
CHIEF ENGINEER
LIFT IRRIGATION SCHEMES