



# TRANSMISSION CORPORATION OF TELANGANA LIMITED

## ABSTRACT

**Sub: TGTRANSCO- Construction of 220/132/33 kV Substation at Sitarampur Industrial Park, Shabad Mandal ,Ranga Reddy District– Depository Contribution Works –Administrative Approval – Accorded- Reg**

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T.O.O. (CE-LIS) Ms.No.2738.

Dt. 08-05-2026.

Read the following: -

Ref: 1. Lr.No. CE/TGIIC/Elec/F-P/s.Sitarampur/2024-25, Dt.20.12.2024.

### PROCEEDINGS:

1. The Chief Engineer, TGIIC, vide letter cited under reference (1), has requested for extension of power supply at 220 kV voltage level to meet the demand of 210 MVA at Industrial park, Sitarampur.
2. TGTRANSCO has accorded technical feasibility for extension of 220 kV supply to Industrial park, Sitarampur, through erection of a new 220 kV Double Circuit (DC) line from the existing 220/132/33 kV Substation at Chandanvally.
3. M/s TGIIC has submitted its consent for construction of 220/132/33 kV substation at IP Sitarampur, with a dedicated 220 kV feeders from the existing 220/132/33 kV Substation at Chandanvally.
4. After careful consideration, TGTRANSCO has approved the Scheme at a cost of Rs. **201,04,86,380 /-**(Rupees Two Hundred and One Crores and Four Lakhs Eighty-Six thousand and Three hundred & Eighty only) for the works of construction of 220/132/33 kV at Sitarampur as **Depository Contribution Works**.
5. The Salient features of the Scheme are as follows:
  - a) Construction of 220/132/33 KV SS at Sitarampur
  - b) Erection of 220KV DC line-11.6 KM (11KM OH line + 0.6KM 220KV 2500 sq.mm.UG cable for 2Nos. 400KV line crossings-300mtrs each) from 220/132/33 kV SS Chandanvally
  - c) Construction of 2 Nos. 220KV Feeder Bays at 220 kV SS Chandanvally

d) Erection of DC Towers (3KM) from 220KV Sitarampur SS to M/s.Kitex Apparel Park Ltd, Shabad Mandal in RR District.

6. "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).
7. The sanction accorded in Para No.4 above is subject to instructions issued by the TGTRANSCO on release of services and tariff as may be in force from time to time.
8. The works are under the scope of Chief Engineer /LIS/TGTRANSCO /VS /Hyderabad.
9. An amount of **Rs. 201.05 Crores** shall be collected as deposit from Chief Engineer/TGIIC /Hyderabad for carrying out the works by TGTRANSCO.
10. The Technical Sanction will be accorded by the Chief Engineer/Lift Irrigation Schemes/ Vidyut Soudha/Hyderabad
11. The order is issued with the concurrence of Joint Managing Director (Finance, Comml. & HRD )/ TGTRANSCO vide Regd.No.1419, Dt. 23.04.2025.

(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 –Metro/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)/ TGSTRANSCO / VS / Hyderabad.
16. The DE(T) to Director (Grid &Transmission Management) / TGSTRANSCO / VS / Hyderabad.
17. The Superintending Engineer/OMC/Metro- West/Hyderabad
18. The Resident Audit Officer / TGTRANSCO / VS / Hyderabad.

## Annexure - I to T.O.O ( CE-LIS) Ms.No.2738,Dt.08.05.2026

### Construction of 220/132/33 kV Substation at Sitarampur ,Shabad Mandal ,Ranga Reddy District under Deposit Contribution Works

**Name of the work: - Erection of (i) 220/132/33 KV SS at Sitarampur (ii) 220KV DC line-11.6 KM(11KM OH line + 0.6KM 220KV 2500 sq.mm.UG cable for 2Nos. 400KV line crossings-300mtrs each ) from 220/132/33KV SS Chandanvally (iii) 2 Nos. 220KV Feeder Bays at 220KV SS Chandanvally (iv) Erection of DC Towers (3KM) from 220KV Sitarampur SS to M/s.Kitex Apparel Park Ltd, Shabad Mandal in RR District for M/s.TGIIC**

Sl.No.	Description	Amount in Rs.
<b>I</b>	<b>Schedule A- Supply of material/Equipment</b>	
A1E	Material portion -Electrical (220 KV SS ) - Schedule-A1	329,493,042.16
A1T	Material portion -Telecom (220 KV SS ) including LAN &WAN- Schedule-A1	4,730,335.10
A2E	Material portion- Electrical (220KV Line) - Schedule-A2	149,186,622.42
A2T	Material portion - Telecom (220 KV Line) - Schedule-A2	5,053,241.80
A3E	Material portion - Electrical (220 KV UG cable) - Schedule-A3	193,003,075.39
A3T	Material portion - Telecom (220 KV UG cable) - Schedule-A3	458,749.13
A4E	Material portion - Electrical (220 KV Bays) - Schedule-A4	19,849,152.62
A4T	Material portion - Telecom (220 KV Bays) - Schedule-A4	2,593,597.00
A5E	Material portion( M/s.Kitex line) - Schedule-A5	12,052,193.62
<b>A</b>	<b>Total Material Cost (Electrical + Telecom) excluding GST</b>	<b>716,420,009.24</b>
<b>II</b>	<b>Schedule B- Works portion</b>	
B1E	Electrical Labour Portion (220 KV SS ) - Schedule - B1	26,290,161.32
B1C	Civil Labour Portion (220 KV SS ) - Schedule - B1	78,824,672.37
B1T	Telecom (220 KV SS ) including LAN&WAN - Schedule - B1	178,699.83
B2E	Electrical Labour Portion (220 KV Line) - Schedule - B2	21,093,797.00

B2C	Civil Labour Portion (220 KV Line) - Schedule - B2	78,889,510.98
B2T	Telecom Labour Portion (220 KV Line) - Schedule - B2	1,248,352.07
B3E	Electrical Labour Portion (220 KV UG cable) - Schedule - B3	24,193,202.48
B3T	Telecom Labour Portion (220 KV UG cable) - Schedule - B3	165,554.06
B4E	Electrical Labour Portion (220 KV Bays) - Schedule-B4	4,489,196.34
B3C	Civil Labour Portion (220 KV Bays) - Schedule-B3	19,428,238.79
B4T	Telecom Labour Portion (220 KV Bays) - Schedule-B4	103,825.55
B5E	Electrical Labour Portion ( For M/s.Kitex ) - Schedule-B5	1,778,613.54
B4C	Civil Labour Portion (For M/s.Kitex ) - Schedule-B4	10,050,948.75
<b>B</b>	<b>Total Labour Cost (Electrical + Civil+Telecom) including Seignorage charges &amp; Corpus fund excluding GST</b>	<b>266,734,773.07</b>
C	Project insurance @0.5% on (A+B)	4,915,773.91
<b>D</b>	<b>Base project cost i.e BPC (A+B+C)</b>	<b>988,070,556.22</b>
<b>E</b>	<b>Over Heads and Other costs:</b>	
E1	Spares @ 3% on A	21,492,600.28
E2	Contingencies @3% on D	29,642,116.69
E3	Engineering charges @2.5% on D	24,701,763.91
E4	Establishment Over Head Charges @35.75% on D (For DC works)	353,235,223.85
E5	Operational Over Heads @18% on D	177,852,700.12
E6	Provision towards Price Escalation @ 10% on D	98,807,055.62
E7	Manning Charges	---
E8	Shutdown Charges	---

E9	Development Charges	---
E10	Land Charges	---
E11	Hotline Charges	---
E12	Cost for using TSTRANSCO Assets	---
E13	Tree/Crop Compensation	10,000,000.00
<b>E</b>	<b>Total of E</b>	<b>715,731,460.47</b>
<b>F</b>	<b>Scheme Cost without GST (D+E)</b>	<b>1,703,802,016.69</b>
G	GST @18% on F	306,684,363.00
H	Security Deposit	---
<b>I</b>	<b>Total Tentative Scheme Cost with GST to be collected from M/s.TGIIC in Rs. (F+G+H):</b>	<b>2,010,486,379.69</b>
	<b>Or say in Rs.</b>	<b>2,010,486,380.00</b>

Sd/-

**CHIEF ENGINEER  
LIFT IRRIGATION SCHEMES**