

TAMIL NADU TRANSMISSION CORPORATION LIMITED
ABSTRACT

TANTRANSCO – Construction of office building for newly formed SE/O/Thanjavur circle by renovating the existing unused Inspection Bungalow at Thanjavur 110 kV Grid SS in Thanjavur Operation circle of System Operation/Trichy – Administrative Approval – Accorded

TECHNICAL BRANCH

(Per) CH TANTRANSCO Proceedings No. 216

Dated: 03.12.2025

Visuvaavasu Varudam

Karthigai- 17

Thiruvalluvar Aandu 2056

READ: Chairman's approval dated 28.11.2025

PROCEEDINGS:

1. The Tamil Nadu Transmission Corporation Limited hereby approves the proposal for construction of office building for newly formed SE/O/Thanjavur circle by renovating the existing unused Inspection Bungalow at Thanjavur 110 kV Grid SS in Thanjavur Operation circle of System Operation/Trichy Rs.60.858 lakhs Gross and Rs.60.715 lakhs Nett. . The detailed estimate and report are annexed to these proceedings.
2. The expenditure is chargeable to TANTRANSCO - Funds - Capital Expenditure – Thanjavur Operation Circle - A/C code No: 1020400
3. By virtue of the provisions contained in sub-section (2) (a) of section 185 of the Electricity Act, 2003, TANTRANSCO being the Transmission utility, Licensee and successor entity of Tamil Nadu Electricity Board will exercise the powers of the Telegraph Authority under the provisions of section 164 of the Electricity Act, 2003, which have already been conferred upon the Board under section 51 of the Indian Electricity Act, 1910.
4. The works will be taken up after ensuring necessary budget provision.

// BY ORDER OF THE CHAIRMAN//

J PREMALATHA
CHIEF ENGINEER / TRANSMISSION

Encl: Report and detailed estimate.

To

The Chief Engineer/System Operation/Trichy

(Per) CH TANTRANSCO Proceedings No. 216, dated : 03.12.2025

Copy to:

The Managing Director/TANTRANSCO/Chennai-2

The Director/Distribution/TNPDCL/Chennai-2

The Director/Transmission Projects/TANTRANSCO/Chennai-2

The Director Operation/TANTRANSCO/Chennai-2

The Director/Finance/TANTRANSCO/Chennai-2

The Chief Engineer/Transmission Projects/ Trichy

The Chief Engineer/System Operation/ Trichy

The Superintending Engineer/Operation/ Thanjavur

The Superintending Engineer/GCC/Trichy

The Superintending Engineer/Transmission -I/Chennai -2

The Superintending Engineer/Transmission -II/Chennai -2

The Superintending Engineer/System Studies/Chennai -2

The Resident Audit Officer (AGO'S Unit)/Chennai -2

B.P.Section (Administrative Branch)

Stock file

//FORWARDED BY ORDER//

J. K. Srinivasan
03/12/2025

EXECUTIVE ENGINEER/MASTER PLAN II

Enclosure to (Per) CH TANTRANSCO Proceedings No.216, dated: 03.12.2025

REPORT TO ACCOMPANY THE ESTIMATE

This proposal envisages the Construction of office building for newly formed SE/O/Thanjavur circle by renovating the existing unused Inspection Bungalow at Thanjavur 110 kV Grid SS in Thanjavur Operation circle of System Operation/Trichy at an estimate cost of Rs.60.858 lakhs Gross and Rs.60.715 lakhs Nett.

Need:

The Inspection bungalow at 110 kV Grid SS premises was constructed in the year 1972 and due to its dilapidated condition, it has not been utilized by the Thanjavur Electricity Distribution Circle since 16.03.2017.

The SE/O/Thanjavur circle is now temporarily functioning at Thanjavur 230 kV SS campus. As the existing office space is not adequate to accommodate the staff and materials, this proposal has been evolved for the construction of Superintending Engineer Office building with allied works for the newly formed SE/O/Thanjavur circle by suitably renovating the existing unused Inspection Bungalow at Thanjavur 110 kV Grid SS premises as per the BP vide (Per.) CH TANTRANSCO BP. No. 71 dt.08.04.2025.

The Superintending Engineer/Operation/Thanjavur has requested the Superintending Engineer/GCC/Trichy to make early arrangements to renovate the Inspection Bungalow vide Lr. No. SE/O/TNJ/F.SEOoffice/D.No.15/2025-26. Dt.22.04.2025.

The building was inspected and found that the steel reinforcements of the columns, beams, lintels, sunshades in the front portion of the building and roof slab of portico are corroded and the structural elements are beyond repairable condition.

As repairing of the above said portion of the structure is not advisable and considering the safety and remaining service life period, an estimate has been evolved for the renovation of the building with dismantling of the dilapidated veranda and portico for the construction of new office room for the Superintending Engineer/ Operation/ Thanjavur.

Further, necessary provisions such as new water line, sewer line, electrification, flooring, water proof coating, septic tank, bore well, office furniture, T&Ps, etc., have been made.

The estimate for the above proposed work has been scrutinized and vetted by the Chief Engineer/Civil/ Transmission.

Details of work involved:

- Dismantling of Brick work, PCC and RCC
- Earth work excavation including removal of surplus earth
- Providing Sand filling for foundation
- Foundation concrete for with padding PCC 1:3:6 & 1:4:8 with 12-20 mm HBG metal without form work
- Providing RCC 1:1.5:3 using 20 mm HBG metal without and with form work
- Providing RCC 1:1.5:3 using 20 mm HBG metal column, grade beam, lintel, sunshade, roof beam, cover slab and roof slab
- Providing MS/RTS reinforcement for control room building and cable duct slab in RCC
- Plastering with CM 1:3/1:5 -12mm thick and colour washing for the exposed surfaces
- Provision for electrification for the extension of control room building
- Providing single leaf door and UPVC windows
- Sinking of Bore well

J. K. Singh
03/12/2025
EXECUTIVE ENGINEER/MASTER PLAN II

**Detailed estimate for Construction of office building for newly formed SE/O/Thanjavur circle
by renovating the existing unused Inspection Bungalow at Thanjavur 110 kV Grid SS in
Thanjavur Operation circle of System Operation/Trichy**

Rs IN LAKHS

SL NO	DESCRIPTION	QUANTITY	RATE	PER	TOTAL AMOUNT
1	Renovation of the Inspection Bungalow building including new water line, sewer line, electrification, flooring, water proof coating, septic tank, bore well, office T&P (Inclusive of all charges)				60.117
2	Dismantling charges (Dilapidated verandah & portico)				0.741
3	Gross				60.858
4	Less credit				0.143
5	Nett				60.715

Part I(A):Dismantling charges

0.741 lakhs

Part II:Accumulated depreciation

Sl. No	Name of the item	Original cost	Total life	Life served	Accum. depre.
1	Retrieved materials as per Part IV	0.143	50	53	0.140
	Total	0.143			0.140

Part III:Devolution of old equipment

Part IV - Part II = 0.143 - 0.140 = **0.003**

Part IV:Removal of old asset

Rupees in lakhs

Sl. No.	Name of the item	QTY	Original Cost	Original Erection Charges 10%	Original Centages 15%	Original Cost of Asset
1	Steel scrap	500 kg	0.100	0.010	0.017	0.127
2	Concrete debris	10 Cu.mtr	0.006	0.001	0.001	0.008
3	Broken brick debris	10 Cu.mtr	0.007	0.001	0.001	0.009
	Total					0.143

ABSTRACT

Part I:Cost of new asset	GROSS	60.858
	NETT	60.715
Part I(A):Dismantling charges		0.741
Part II:Accumulated depreciation		0.140
Part III:Devolution of old equipment		0.003
Part IV:Removal of old asset		0.143


 EXECUTIVE ENGINEER/MASTER PLAN II