

**TAMIL NADU POLICE HOUSING CORPORATION LIMITED**

Name of Work: Construction of Fire service station building at Sankarankovil in Tenkasi District

**Rough Cost Estimate for Non- Residential framed structure**

Ground Floor	=	128.04	m2	Rate adopted for the year 2020-2021			
First floor	=	93.48	m2				
Total	=	221.52	m2				
SI.No.	Description			Plinth Area (m <sup>2</sup> )	Rate Rs.	Per	Amount Rs.
1	Foundation (Framed)			128.04	4590.00	m <sup>2</sup>	587703.60
2	For Additional basement height 0.9m			128.04	1350.00	m <sup>2</sup>	172854.00
3	Cost of Super Structure						0.00
	a)Super Structure for Office ,store ,rest room , toilet etc: in Ground floor			15.86	9035.00	m <sup>2</sup>	143295.10
	b)Super Structure for Garage in Ground floor (65% of Superstructure cost of non residential area )			112.17	5872.75	m <sup>2</sup>	658746.37
	c) Super Structure in First floor			93.48	9069.00	m <sup>2</sup>	847770.12
4	Provision for Additional Roof height						0.00
	a) 3.3m to 5.5m height (2.20m*560)			112.17	1232.00	m <sup>2</sup>	138193.44
5	Roof Finishing			128.04	1530.00	m <sup>2</sup>	195901.20
6	Antitermite treatment			128.04	115.00	m <sup>2</sup>	14724.60
7	Vitrified tile flooring (80% of Plinth Area) for office, guard room and toilet			177.22	1520.00	m <sup>2</sup>	269374.40
8	Cement painting / OBD painting (inner 50% of Plinth Area )			110.760	540.00	m <sup>2</sup>	59810.40
9	Plastic Emulsion paint (50% of Plinth Area outer)			110.760	825.00	m <sup>2</sup>	91377.00
10	a) Internal water supply arrangements			221.52	485.00	m <sup>2</sup>	107437.20
	b) Internal Sanitary arrangements			221.52	370.00	m <sup>2</sup>	81962.40
	c) Internal Electrical arrangements			221.52	845.00	m <sup>2</sup>	187184.40
11	Extra provision for TW door shutter,cupboard shutter,bathroom fittings,kitchen arrangements & electrical fittings			221.52	1570.00	m <sup>2</sup>	347786.40
12	Provision for LED light arrangments			221.52	180.00	m <sup>2</sup>	39873.60
Sub - Total - I							3943994.23
13	a) External Water Supply arrangements for (G.F+FF)			221.52	745.00	m <sup>2</sup>	165032.40
	b) External Sanitary arrangements for (G.F+FF)			221.52	230.00	m <sup>2</sup>	50949.60
	c) External Electrical arrangements for (G.F+FF)			221.52	645.00	m <sup>2</sup>	142880.40
14	Pavement Around the building (1.2 m width)			54.33	1060.00	Rmt	57589.80
15	Rainwater harvesting			2.00	14345.00	Each	28690.00

CPTC

16	Provision for Compound Wall	100.00	7150.00	Rmt	715000.00
17	Provision for Approach Road	150.00	735.00	sqm	110250.00
18	Provision for filling lowlying	500.00	575.05	Cum	287525.00
19	Provision for Septic tank		LS		100000.00
20	Provision for sump		LS		100000.00
21	Provision for Centry room		LS		100000.00
22	Provision for Fire fighting sump and water tank at terrace		LS		200000.00
23	Provision for numbering & lettering the building		LS		20000.00
24	Provision for Ramp arrangements		LS		100000.00
25	Provision for drying yard		LS		100000.00
26	Provision for photographic charges		LS		25000.00
27	Provision for Solar arrangement		LS		200000.00
28	Provision for service pit		LS		100000.00
29	Provision for hose dry rack arrangement		LS		100000.00
30	Provision for fire fighting arrangements		LS		200000.00
31	Provision for Bore well, motor, pumpset & Drinking water supply arrangements		LS		300000.00
32	Provision for steel ladder arrangements		LS		50000.00
33	Provision for UG cable arrangements for three phase EB service connection		LS		200000.00
34	Soil Investigation Charges.		As per PWD Norms		33770.00
35	Elevation @ 1% of building cost		"		39439.94
36	Lawn @ 3% of building cost		"		118319.83
	<b>Sub - Total - II</b>				<b>7588441.20</b>
37	<b>GST at 12.0% ( GST at 6% + CGST 6% )</b>				910612.94
	<b>Sub - Total - III</b>				<b>8499054.14</b>
38	Labour welfare fund at 1.0%		As per PWD Norms		84990.54
39	Unforeseen items ,Contigencies & petty Supervision charges at 2.50%		"		212476.35
40	Provision for Supervision charges at 7.50%				637429.06
	<b>Sub - Total - IV</b>				<b>9433950.10</b>
41	Advertisement charges		L.S		47000.00
42	Provision for Planning Permission & Payment of property tax		L.S		50000.00
43	Provision for EB Deposit & pole shifting		L.S		300000.00
44	Cost of Foundation Stone laying		As per PWD Norms		13000.00
45	Structural design and consultancy charges		As per G.O. 181 Dt 16.05.03		100000.00
	<b>Grand Total Rs.</b>				<b>9943950.10</b>
	<b>For the year 2020-2021</b>	<b>Say Rs.</b>	<b>99.44</b>	<b>Lakhs</b>	

15/6/2020

16/6/2020

16/6/2020