

TAMILNADU POLICE HOUSING CORPORATION LIMITED

SALEM DIVISION

Name of work: Rough cost estimate for the construction of 1 No SFO and 12 Nos Firemen Quarters at Chetpet in Thiruvannamalai district.

ROUGH COST ESTIMATE					
Sl No		Description of Items	Rate	Unit	Amount
1	1	SFO Qrs	2221424.00	m ²	2221424.00
2	1	Firemen Qtrs 8 in 1	10340024.00	m ²	10340024.00
3	1	Firemen Qtrs 4 in 1	5240142.00	m ²	5240142.00
		Building cost			17801590.00
4	405	Approach road (CC Road) 90m x 4.50	1250.00	m ²	506250.00
5	1218	Filling lowlying area (58X35X0.60)	380.00	Ls	462840.00
6	1	Panchayat water supply arrangements	150000.00	Ls	150000.00
7	2	Soil Investigation	33770.00	As Per PWD	67540.00
8	230	Provision for Compound wall	6500.00	Ls	1495000.00
9		Provision for deep borewell		Ls	300000.00
10		Provision for RCC Culvert		Ls	100000.00
11		Provision for RCC Vehicle shed		Ls	350000.00
12		Provision for Sullage drain		Ls	200000.00
13		Provision for Avenue trees		Ls	50000.00
14		Provision for UG cable arrangements for Three phase EB service connection		Ls	200000.00
15		Provision for lettering & Numbering & scheme board and locks		Ls	100000.00
					21783220.00
16		Elevation @ 1% of building cost			178015.90
		Sub Total - 2			21961235.90

Sl No	Description of Items	Rate	Unit	Amount
17	Good & Service Tax 12%			2635348.31
	Sub Total - 3			24596584.21
18	Labour welfare fund @ 1.00%	LS		245966.00
19	Contingencies @ 2 ½ %	LS		614915.00
20	Supervision charges @ 7 ¹ / ₂ %	LS		1845534.79
	Sub Total - 4			27303000.00
21	Foundation stone laying		Ls	13000.00
22	Advertisement Charges		Ls	100000.00
23	Provision for EB deposit		Ls	120000.00
24	Planning permission and approval		Ls	100000.00
25	Structural design and Consultancy		Ls	50000.00
	Grand Total			27686000.00
	Say			276.86 Lakh

V. S. 4/6/20
JE/PHL
JE / AE

 6/6/20
Assistant Executive Engineer

Executive Engineer

16/06/2020
மாவட்ட அலுவலர்.
தீயணைப்பு & மீட்புப் பணிகள்
திருவண்ணாமலை மாவட்டம்
திருவண்ணாமலை

TAMILNADU POLICE HOUSING CORPORATION LIMITED

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Plinth area								
SI . NO	Police Station	No. Of Blocks	floor area				Total Area	Head Room
			GF	FF	SF	TF		
1	SFO Qrs	1	73.20				73.20	16.76
	Total	1	73.20	0.00	0.00	0.00	73.20	16.76
ROUGH COST ESTIMATE								
SI No	Description of Items	Quantity		Rate		Unit	Amount	
	I. Building							
1	Foundation - Framed Structure	73.20		4590.00		m ²	335988.00	
2	Additional basement height 0.90m height (3 x 450)	73.20		1350.00		m ²	98820.00	
3	Super Structure in Ground Floor	73.20		12025.00		m ²	880230.00	
4	Stair case Headroom @ 65 % F.Floor	16.76		7872.80		m ²	131948.00	
5	Roof Finishing	73.20		1530.00		m ²	111996.00	
6	Coolant tiles	73.20		399.00		m ²	29207.00	
7	Anti termite treatment	73.20		115.00		m ²	8418.00	
8	For Double Charged Vitrified tiles Flooring (80 % of Total Area)	58.56		1520.00		m ²	89011.00	
9	Cement painting for Inner and Outer (50% of Total Area)	36.60		540.00		m ²	19764.00	
10	Exterior Emulsion painting for Inner and Outer (50% of Total Area)	36.60		750.00		m ²	27450.00	
11	Additional provision for joineries (80% of Total area+ Head room area)	71.97		555.00		m ²	39942.00	
12	Internal water supply arrangements.	73.20		620.00		m ²	45384.00	
13	Internal sanitary arrangements	73.20		485.00		m ²	35502.00	

Sl No	Description of Items	Quantity		Rate		Unit	Amount
14	Internal Electrical arrangements	73.20		965.00 ✓		m ²	70638.00
	Building cost						1924298.00
15	Newly developed external water supply arrangements	73.20		745.00 ✓		m ²	54534.00
16	Newly developed external sanitary arrangements	73.20		230.00 ✓		m ²	16836.00
17	Newly developed external electrical arrangements	73.20		645.00 ✓		m ²	47214.00
18	Extra provision for TW door shutters, cupboard shutters, bath room fittings & electrical fittings	73.20		1230.00 ✓		m ²	90036.00
19	Add Extra provision for LED lighting / Power plug	73.20		180.00		m ²	13176.00
20	Pavement platform 1.20 m width	44.00		1060.00 ✓		RMT	46640.00
21	Raniwater harvesting pit	2.00		14345.00		Each	28690.00
							2221424.00

N. J. J.
+ 16/20
JE/PHL

G. S. S.
+ 16/20
P. G. S.


23/6/20
EXECUTIVE ENGINEER
TAMIL NADU POLICE HOUSING CORPORATION
SALEM DIVISION
ANNADHANAPATTY, SALEM-2.
P. 23/6/20

TAMILNADU POLICE HOUSING CORPORATION LIMITED

SALEM DIVISION

Name of work: Rough cost estimate for the construction of 1 No SFO and 12 Nos Firemen Quarters at Chetpet in Thiruvannamalai district.

Plinth area								
SI . NO	Police Station	No. Of Blocks	floor area				Total Area	Head Room
			GF	FF	SF	TF		
1	Firemen Qtrs 8 in 1	1	121.14	121.14	121.14	121.14	484.56	15.61
	Total	1	121.14	121.14	121.14	121.14	484.56	15.61
ROUGH COST ESTIMATE								
SI No	Description of Items	Quantity		Rate			Unit	Amount
	I.Building							
1	Foundation - Framed Structure	121.14		4590.00			m ²	556033.00
2	Additional basement height 0.90m height (3 x 450)	121.14		1350.00			m ²	163539.00
3	Super Structure in Ground Floor	121.14		12025.00			m ²	1456709.00
4	Super Structure in First Floor (12025+34)	121.14		12056.00			m ²	1460464.00
5	Super Structure in Second Floor (12056+34)	121.14		12087.00			m ²	1464219.00
6	Super Structure in Third Floor (12087+34	121.14		12118.00			m ²	1467975.00
7	Stair case Headroom @ 65 % T.Floor	15.61		7876.70			m ²	122955.00
8	Roof Finishing	121.14		1530.00			m ²	185344.00
9	Coolant tiles	121.14		399.00			m ²	48335.00
10	Anti termite treatment	121.14		115.00			m ²	13931.00
11	For Double Charged Vitrified tiles Flooring (80 % of Total Area)	387.65		1520.00			m ²	589225.00
12	Cement painting for Inner and Outer (50% of Total Area)	242.28		540.00			m ²	130831.00
13	Exterior Emulsion painting for Inner and Outer (50% of Total Area)	242.28		750.00			m ²	181710.00
14	Additional provision for joineries (80% of Total area+ Head room area)	400.14		555.00			m ²	222075.00
15	Internal water supply arrangments.	484.56		620.00			m ²	300427.00

SI No	Description of Items	Quantity		Rate		Unit	Amount
16	Internal sanitary arrangements	484.56		485.00		m ²	235012.00
17	Internal Electrical arrangements	484.56		965.00		m ²	467600.00
	Building cost						9066384.00
18	Newly developed external water supply arrangements (GF + FF)	242.28		745.00		m ²	180499.00
19	Newly developed external water supply arrangements (SF+TF) (50% of respective floor area only)	121.14		745.00		m ²	90249.00
20	Newly developed external sanitary arrangements (GF + FF)	242.28		230.00		m ²	55724.00
21	Newly developed external sanitary arrangements (SF+ TF) (50% of respective floor area only)	121.14		230.00		m ²	27862.00
22	Newly developed external electrical arrangements (GF + FF)	242.28		645.00		m ²	156271.00
23	Newly developed external Electrical arrangements (SF+ TF) (20% of respective floor area only)	48.46		645.00		m ²	31254.00
24	Extra provision for TW door shutters, cupboard shutters, bath room fittings & electrical fittings	484.56		1137.00		m ²	550945.00
25	Add Extra provision for LED lighting / Power plug	484.56		180.00		m ²	87221.00
26	Pavement platform 1.20 m width	61.25		1060.00		RMT	64925.00
27	Raniwater harvesting pit	2.00		14345.00		Each	28690.00
							10340024.00

V. S. L.
4/6/20
35/PHL

(Signature)
4/6/20

(Signature)
23/6/20
EXECUTIVE ENGINEER
TAMIL NADU POLICE HOUSING CORPORATION
SALEM DIVISION
ANNADHANAPATTY, SALEM-2.
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Plinth area								
SI . NO	Police Station	No. Of Blocks	floor area				Total Area	Head Room
			GF	FF	SF	TF		
1	Firemen Qtrs 4 in 1	1	60.57	60.57	60.57	60.57	242.28	15.61
	Total	1	60.57	60.57	60.57	60.57	242.28	15.61
ROUGH COST ESTIMATE								
SI No	Description of Items	Quantity		Rate		Unit		Amount
	I. Building							
1	Foundation - Framed Structure	60.57		4590.00		m ²		278016.00
2	Additional basement height 0.90m height (3 x 450)	60.57		1350.00		m ²		81770.00
3	Super Structure in Ground Floor	60.57		12025.00		m ²		728354.00
4	Super Structure in First Floor (120255+34)	60.57		12056.00		m ²		730232.00
5	Super Structure in Second Floor (12056+34)	60.57		12087.00		m ²		732110.00
6	Super Structure in Third Floor (12118+34)	60.57		12118.00		m ²		733987.00
7	Stair case Headroom @ 65 % F.Floor	15.61		7876.70		m ²		122955.00
8	Roof Finishing	60.57		1530.00		m ²		92672.00
9	Coolant tiles	60.57		399.00		m ²		24167.00
10	Anti termite treatment	60.57		115.00		m ²		6966.00
11	For Double Charged Vitrified tiles Flooring (80 % of Total Area)	193.82		1520.00		m ²		294612.00
12	Cement painting for Inner and Outer (50% of Total Area)	121.14		540.00		m ²		65416.00
13	Exterior Emulsion painting for Inner and Outer (50% of Total Area)	121.14		750.00		m ²		90855.00
14	Additional provision for joineries (80% of Total area+ Head room area)	206.31		555.00		m ²		114503.00
15	Internal water supply arrangements.	242.28		620.00		m ²		150214.00

SI No	Description of Items	Quantity		Rate		Unit	Amount
16	Internal sanitary arrangements	242.28		485.00		m ²	117506.00
17	Internal Electrical arrangements	242.28		965.00		m ²	233800.00
	Building cost						4598135.00
18	Newly developed external water supply arrangements (GF + FF)	121.14		745.00		m ²	90249.00
19	Newly developed external water supply arrangements (SF+TF) (50% of respective floor area only)	60.57		745.00		m ²	45125.00
20	Newly developed external sanitary arrangements (GF + FF)	121.14		230.00		m ²	27862.00
21	Newly developed external sanitary arrangements (SF+ TF) (50% of respective floor area only)	60.57		230.00		m ²	13931.00
22	Newly developed external electrical arrangements (GF + FF)	121.14		645.00		m ²	78135.00
23	Newly developed external Electrical arrangements (SF+ TF) (20% of respective floor area only)	24.23		645.00		m ²	15627.00
24	Extra provision for TW door shutters, cupboard shutters, bath room fittings & electrical fittings	242.28		1137.00		m ²	275472.00
25	Add Extra provision for LED lighting / Power plug	242.28		180.00		m ²	43610.00
26	Pavement platform 1.20 m width	35.52		1060.00		RMT	37651.00
27	Raniwater harvesting pit	1.00		14345.00		Each	14345.00
							5240142.00

G. S. S. S.
23/6/20

ANNADHANAPATTY
23/6/20
EXECUTIVE ENGINEER
TAMIL NADU POLICE HOUSING CORPORATION
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ANNADHANAPATTY, SALEM-2

