

TAMILNADU POLICE HOUSING CORPORATION LIMITED

TIRUNELVELI DIVISION

ROUGH COST ESTIMATE

GENERAL ABSTRACT

ne of rk :	Construction of 128 Nos PC/HC Quarters with development works at AR Camp Nagercoil in Kanyakumari District.			
QTY.	DESCRIPTION	RATE	PER	AMOUNT
		Rs.		Rs.
16	Construction of PC/HC Quarters 8 in 1 (G+3) only	9107514.63 9078707.54	1 No	145720234.12 145259320.64
	Sub Total - I			145720234.12 145259320.64
198.80	Provision for approach road (166.50 x 7.20) = 1198.80	684.00	Sq.m	819979.20
1.00	Provision for Retaining wall	206100.00	1 No	206100.00
1.00	Provision for Storm water drain	800000.00	1 No	800000.00
870.00	Provision for Filling low lying area	393.81	Cum	1130234.70
50.00	Provision for Avenue trees	923.00	1 No	46150.00
	Provision for Bore well ,motor pumpset and Drinking water supply arrangements	L.S.		1000000.00
	Provision for Numbering & Lettering	L.S.		250000.00
	Provision for culvert	L.S.		700000.00
2	Vehicle shed	796300.00	1No	1592600.00

	Soil investigation charges	As per plinth area SR 2018-19	31260.00
	Sub Total - II		152296558.02 151835644.54
	Provision for Central GST @ 6 %		9137793.48 9110138.67
	Provision for State GST @ 6 %		9137793.48 9110138.67
	Sub Total - III		170572144.98 170055921.89
L.S.	Labour Welfare fund @ 1%	As per PWD Norms	1705721.45 1700559.22
L.S.	Unforeseen items, Contingencies & P.S Charges @ 2.50 %	As per PWD Norms	4264303.62 4251398.05
L.S.	Supervision charges @ 7.5%	As per PWD Norms	12792910.87 12754194.14
	Sub Total - IV		189335080.93 188762073.30
	Cost of foundation stone laying & inagural function	As per plinth area SR 2018-19	13000.00
	Advertisement charges	L.S.	100000.00
	Provision for EB deposit	L.S.	1000000.00
	Payment for local body and plan approval	L.S.	200000.00
L.S.	Structural design and consultancy charges	As per G.O Ms No.181 PW (G2) Deptt Dt:16.5.2003	100000.00
	Sub Total - V		190748080.93 190175073.30
	Rate for the year 2018-2019	Say	1907.48 1901.75 Lakhs
	Provision for Escalation charges @ 12.5% for the year of 2019-2020		23843510.12 23771884.16

	Sub Total - VI			214591591.04 213946957.46
	Rate for the year 2019-2020	Say	2145.92 2139.47	Lakhs
	Provision for Escalation charges @ 12.5 % for the year of 2020-2021			26823948.88 26743369.68
	GRAND TOTAL:			241415539.92 240690327.14
	Rate for the year 2020-2021	Say	2414.16 2406.90	Lakhs

MA
14/09/18
A.E.

A.E.E

W/
EXECUTIVE ENGINEER
TAMILNADU POLICE HOUSING CORPORATION LTD
TIRUNELVELI DIVISION
TIRUNELVELI - 627 002
18/9/18

TAMILNADU POLICE HOUSING CORPORATION LIMITED

TIRUNELVELI DIVISION

NAME OF WORK :

**Construction of 128 Nos PC/HC Quarters with development works at AR Camp
Nagercoil in Kanyakumari District.**

Rough Cost Estimate for Framed Structure PCHC Qtrs 8 in 1 (G+3)

Area Statement : in m²

Ground Floor 121.14

m²

First Floor 121.14

m²

Second Floor 121.14

m²

Third Floor 121.14

m²

Total 484.56

m²

or 5213.90 Sq.ft

Rate adopted for the year 2018-2019

Description	Plinth Area	Rate	Per	Amount
	m ²	Rs.		Rs.
Cost of Foundation	121.14	3835.00	m ²	464571.90
For additional 1.20 m Basement height.	121.14	1508.00	m ²	182679.12
Cost of Super Structure (As per annexure-v)				
a) Ground Floor	121.14	10080.00	m ²	1221091.20
b) First Floor	121.14	10109.00	m ²	1224604.26
c) Second Floor	121.14	10138.00	m ²	1228117.32
d) Third Floor	121.14	10167.00	m ²	1231630.38
e) Head room (at 65% of Super structure cost)	15.56	4923.75	m ²	76613.55
Provision for dummy column	484.56	381.00	m ²	184617.36
Roof Finishing	121.14	1240.00	m ²	150213.60
Additional cost for cool tiles 30%	121.14	372.00	m ²	45064.08
Antitermite treatment	121.14	97.00	m ²	11750.58
Vertified tile flooring (80% of Plinth area)	387.65	912.00	m ²	353536.80
Cement Painting (Inner & Outer)	387.65	474.00	m ²	183746.10
Aluminium joineries (80% PA)	387.65	528.00	m ²	204679.20
Higher grade concrete for costal area	484.56	204.00	m ²	98850.24

a) Internal Water Supply	484.56	540.00	m ²	261662.40
b) Internal Sanitary arrangements	484.56	425.00	m ²	205938.00
c) Internal Electrical arrangements	484.56	815.00	m ²	394916.40
Provision for TW Door shutter, C/B Shutter, Electrical and plumbing fittings.	484.56	1200.00 1142.00	m ²	8305754.49 553367.52
Building Cost-I				8305754.49 8277650.01
a) External Water Supply (For GF&FF)	242.28	645.00	m ²	156270.60
b) External Water Supply (For Second Floor). New Campus plinth area 50 %	60.57	645.00	m ²	39067.65
c) External Water Supply (For Third Floor). New Campus plinth area 50%	60.57	645.00	m ²	39067.65
d) External Sanitary (For GF&FF)	242.28	205.00	m ²	49667.40
e) External Sanitary (For Second Floor). New Campus Plinth Area 50%	60.57	205.00	m ²	12416.85
f) External Sanitary (For Third Floor). New Campus Plinth Area 50%	60.57	205.00	m ²	12416.85
g) External Electrical (For GF&FF)	242.28	545.00	m ²	132042.60
h) External Electrical (For Second Floor). New Campus Plinth Area 20%	24.23	545.00	m ²	13204.26
i) External Electrical (For Third Floor). New Campus Plinth Area 20%	24.23	545.00	m ²	13204.26
Sub-Total-I				81773118.61 8745008.13
Basement Filling	110.00	402.88	m ³	44316.80
Pavement Platform all-round the Building (1.20m width)	56.79	984.00	Rmt	55881.36
Rainwater Harvesting	2.00	13280.00	No	26560.00
Elevation @ 1 % of building cost				83057.54 82776.50
Provision for Lawn @ 1.5 %				124586.38 124164.75
Grand Total				9107514.63 9078707.54
	Say	Rs.	Rs.	Lakhs
			91.08 90.79	

[Signature]
27/08/18
AEC

[Signature]
27/08/18
AEC

[Signature]
EXECUTIVE ENGINEER
TAMILNADU POLICE HOUSING CORPORATION LTD
TIRUNELVELI
18/9/18