

TAMIL NADU POLICE HOUSING CORPORATION LTD.,

(An ISO 9001 : 2015 Certified Company)

No. 132, E.V.R. Salai, Kilpauk, Chennai – 10



Lr. No. CE / Plg/ 4368 / 2021

Dated:02.06.2023

To

The Director General of Police,
Head of Police,
Tamil Nadu,
Chennai – 04.

Sir,

Sub: TNPHC – Construction of new Urban Police Station building at Puliyarai in Tenkasi District - Feasibility report along with plan and detailed estimate – Sent for approval - Reg.

Ref: 1. Budget Announcement 2023 – 2024 on 20.04.2023 & 21.04.2023.
2. The DGP's Lr.C.No.02939-1/ Bldg I (1)/2023, Dated:26.04.2023.

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With reference to the letter 1st cited, the construction of Urban Police Station building at Puliyarai in Tenkasi District to a value of **Rs.161.59 Lakhs** is comes under the Hon'ble Chief Minister of Tamil Nadu as announcement No.35.

2) Based on the Budget Announcement 2023-24, the DGP/HoPF has requested to furnish the detailed estimate proposal vide in the reference 2nd cited.

3) Accordingly, the detailed estimate for the construction of Rural Police Station building at Puliyarai in Tenkasi District is prepared adopting PWD schedule of rates 2023-24, Electrical SD data for the rates for the year of 2023-2024 and TWAD schedule of rates for the year of 2022 - 23 and including all over head. Necessary Type design and tentative layout are enclosed herewith.

Sl.No	Name of Work	Amount in Lakhs	Remarks
1.	Construction of new Urban Police Station building at Puliyarai in Tenkasi District	161.59	<ul style="list-style-type: none">❖ The land is identified in S.No. 567 / 15 of Puliyarai village Senkottai Taluk in Tenkasi District having an extent of 73.5 ares.❖ The land belongs to Police Department.❖ It is feasible to construct the new

			Urban Police Station building a Puliyarai in Tenkasi District,only after dismantling the existing old Police Station
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3) It is requested that necessary administrative and financial sanction may be obtained from the competent authority and communicated to us to take up the work early.
Encl: As Stated.

Yours faithfully,


Chief Engineer


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Tamil Nadu Police Housing Corporation Limited

GENERAL ABSTRACT


Name of work: Construction of New Urban Police Station building with development works at Puliyarai in Tenkasi distict

Sl.No.	Qty	Description	Rate	Unit	Amount
		BUILDING WORKS	AS PER PWD SR 2022-23		
1	1.00	Construction New Urban Police Station Building	9414068.18	1 unit	9414068.18
		SUB - TOTAL - I Rs.			9414068.18
2	1.00	Strom water drain	124901.68	No	124901.68
3	1.00	Filling Low lying area	90165.34	No	90165.34
4	1.00	Retaining wall	201068.20	No	201068.20
5	1.00	Sump	203775.21	No	203775.21
6	1.00	Septic tank	133534.18	No	133534.18
7	1.00	CC Road	31754.25	No	31754.25
8	1.00	Plinth Protection	37677.24	No	37677.24
9	1.00	Two wheeler shed	348503.04	No	348503.04
10	1.00	Compound wall	628952.81	No	628952.81
11	1.00	External Water supply arrangements	495583.84	No	495583.84
		SUB - TOTAL - II Rs.			11709983.96
12		Provision for Soil investigation	L.S		35000.00
13		Provision for Solar arrangement	L.S		300000.00
14		Provision for Culvert	L.S		600000.00
		SUB - TOTAL - II Rs.			12644983.96
		GST @ 18% (SGST 9%+CGST9%			2276097.11
		SUB - TOTAL - IV Rs.			14921081.07
14		Labour Welfare fund @ 1.0%	As per PWD Norms		126449.84
15		Unforeseen,Contingencies & PS charges @ 1%	As per PWD Norms		126449.84
16		Supervision Charges @ 5%	As per PWD Norms		632249.20
		SUB - TOTAL - V Rs.			15806229.50

Sl.No.	Qty	Description	Rate	Unit	Amount
17		Advertisement charges	LS		53000.00
18		Provision for EB Deposits and shifting of existing LT line	LS		150000.00
19		Provision for planning permission & payment to other department	LS		100000.00
20		Structural Design / Consultancy charges	LS		50000.00
		GRAND - TOTAL Rs.			16159229.50

Say Rs. 161.59 lakhs


Chief Engineer
 Tamilnadu Police Housing Corporation Ltd
 Chennai - 600 010.


 26/23

Name of work: Construction of New Urban Police Station building with development works at Puliyarai in Tenkasi distict

ABSTRACT ESTIMATE

Sl. No.	Description	Rate	Unit	Main Qty	
				Qty	Amount
1.1	Earth work excavation in all soils (including refilling)				
	a. 0 to 2 mt.	237.08	Cum.	144.55	34269.91
1.3	Earth work excavation in Soft disintegrated rock (including refilling)				0.00
	a. 0 to 2 mt.	346.78	Cum.	59.70	20702.77
1.5	Earth work excavation for Open foundation (excluding refilling)				0.00
	a. 0 to 2 mt.	112.05	Cum.	46.60	5221.53
1.6	Earth work excavation for Open foundation for drains (excluding refilling) width upto 1.25 m				0.00
	a. 0 to 2 mt.	168.08	Cum.	16.60	2790.13
2.1	Filling sand	1840.10	Cum.	30.00	55203.00
2.6	Supply and filling of 40 mm HBSJ	1341.99	Cum.	3.20	4294.37
2.7	Supply and filling of 20 mm HBSJ	1761.19	Cum.	2.40	4226.86
3.1	C.C.1:5:10 for Foundation & Basement	4893.35	Cum.	32.40	158544.54
3.2	P.C.C. 1:2:4 for Foundation & Basement and other similar works	6444.80	Cum.	6.25	40280.00
3.3	P.C.C. 1:8:16 using 20 mm broken brick jelly	4315.73	Cum.	1.10	4747.30
3.6	P.C.C. 1:3:6 for Foundation & Basement and other similar works 40mm HBSJ	5792.48	Cum.	17.30	100209.90
6.5	Brick work in C.M. 1:5 (F& B) using Kiln Burnt Country bricks of size 22 x 11 x 7 cm (8 3/4" x 4 1/4" x 2 3/4") with admixture	6706.73	Cum.	56.90	381612.94
7.2	Supply and fixing of Bituminous filler pad, 20 mm tk. for expansion joint	719.00	Sqm.	2.70	1941.30
9.5	Brick work in C.M. 1:6 using Kiln Burnt Country bricks of size 22 x 11 x 7 cm (8 3/4" x 4 1/4" x 2 3/4") with admixture				0.00
	a. In Ground Floor	6713.15	Cum.	23.90	160444.29
	b. In First Floor	6872.35	Cum.	32.40	222664.14
	c. In Second Floor	7031.55	Cum.	31.90	224306.45

Sl. No.	Description	Rate	Unit	Main Qty	
				Qty	Amount
	d. In Third Floor	7190.75	Cum.	28.30	203498.23
	e. In Fourth floor	7349.95	Cum	11.50	84524.43
10.5	Brick partition work in C.M. 1:4 Kiln Burnt Country bricks of size 22 x 11 x 7 cm (8 3/4" x 4 1/4" x 2 3/4") 110 mm tk (B.P.) with admixture				0.00
	a. In Foundation and basement	811.18	Sqm.	206.00	167103.08
	b. In Ground Floor	819.86	Sqm.	14.90	12215.91
	c. In First Floor	837.37	Sqm.	46.30	38770.23
	d. In Second Floor	854.88	Sqm.	40.40	34537.15
	e. In Third floor	872.39	Sqm.	56.10	48941.08
11.5	Brick work in C.M. 1:4 Kiln Burnt Country bricks of size 22 x 11 x 7 cm (8 3/4" x 4 1/4" x 2 3/4") 70 mm tk (B.P.) with admixture				0.00
	b. In First Floor	569.16	Sqm.	16.40	9334.22
	c. In Second Floor	580.30	Sqm.	16.40	9516.92
	d. In Third floor	591.44	Sqm.	7.00	4140.08
12.1	Brick partition in C.M. 1:4 using country bricks of size 22 x 11 x 5 cm 50 mm thick				0.00
	a. In Ground Floor	404.81	Sqm.	4.60	1862.13
	b. In First Floor	412.77	Sqm.	4.60	1898.74
	c. In Second Floor	420.73	Sqm.	4.60	1935.36
	d. In Third floor	428.69	Sqm.	5.60	2400.66
13.1	Filling with Excavated Earth	38.95	Cum.	54.85	2136.41
21.2	Teak wood Wrought & Put up				0.00
	a. T.W. over 2 m & below 3 m	125290.00	Cum.	0.320	40092.80
	b. T.W. below 2 m length.	113090.00	Cum.	0.120	13570.80
23.3	S&F of Magnetic door catches	52.00	Each	14.00	728.00
24.0	Manufacturing & supply of steel windows (Weight basis)	69.60	Kg.	2776.25	193227.00
25.0	M.S. Holdfast	9.60	Each	90.00	864.00
26.0	Flooring in C.C. 1:5:10	4893.35	Cum.	11.30	55294.86
28.0	Floor plastering in C.M. 1:4, 20 mm tk.	513.83	Sqm.	47.40	24355.54
30.0	Ellis pattern	446.01	Sqm.	40.10	17885.00
31.0	Weathering course	3845.40	Cum.	3.70	14227.98

Sl. No.	Description	Rate	Unit	Main Qty	
				Qty	Amount
33.0	Plastering in C.M. 1:5, 12 mm tk.	252.94	Sqm.	2791.10	705980.83
34.0	Plastering in C.M. 1:4, 12 mm tk.	259.03	Sqm.	98.70	25566.26
35.0	Spl. Ceiling plastering in C.M. 1:3, 10 mm tk.	288.95	Sqm.	540.80	156264.16
36.0	Cement mortar Border in C.M. 1:5, 12 mm tk.				0.00
	a. 150 mm wide	80.69	Rmt	393.50	31751.52
	b. 75 mm wide	52.53	Rmt	210.50	11057.57
	c. 50 mm wide	39.10	Rmt	68.70	2686.17
37.1	White washing 3 coats (slaked)	45.28	Sqm.	514.90	23314.67
39.0	M.s Grills	70.15	Kg.	711.00	49876.65
40.0	Painting - New "wood work"	233.74	Sqm.	119.90	28025.43
41.0	Painting - New "iron work"	138.35	Sqm.	116.17	16072.12
46.0	S & F 20 mm dia Alu. Hanger Rod	58.00	Rmt	2.50	145.00
47.0	S & F Alu Towel rail 75 cm long	95.00	Each	9.00	855.00
48.0	S & F 5 pin Coat stand	55.00	Each	7.00	385.00
49.0	S & F chromium plated 8 guage Picture Hook	1.50	Each	64.00	96.00
50.2	Providing precast Kerb stone in C.C. 1:3:6, 450 x 300 x 150 mm	266.04	Rmt	6.00	1596.24
50.3	Supply and planting avenue trees	389.05	Each	5.00	1945.25
50.4	Providing Tree guard	884.89	Each	5.00	4424.45
50.5	Supplying. Fabricating and erection of M.S Scheme Name board	19207.56	Each	1.00	19207.56
52.0	PVC Water supply (ASTM)				0.00
	a. 32 mm dia	252.72	Rmt	45.00	11372.40
	b. 25 mm dia	234.47	Rmt	126.10	29566.67
53.3	C.I. Steps (5 kg)	30.00	Each	6.00	180.00
59.5	Gully Trap using Kiln burnt country bricks 22 x 11 x 7 cm.	2001.03	Each	7.00	14007.21
60.0	PVC Nahani trap (4way/2way)	160.00	Each	9.00	1440.00
	Electrical arrangements				0.00
69.0	15 Amp. Power plug	150.00	Each	7.00	1050.00
72.0	Box type Fibre Fan hook	33.90	Each	22.00	745.80

Sl. No.	Description	Rate	Unit	Main Qty	
				Qty	Amount
73.1	6 way - D.B.	4248.34	Each	2.00	8496.68
73.2	4 way - D.B.	3466.34	Each	2.00	6932.68
74.0	Charges for fixing of "Fan"	601.20	Each	22.00	13226.40
76.0	8 SWG wire	27.13	Rmt	12.00	325.56
77.3	S&F of TV/Telephone line Socket	77.01	Each	6.00	462.06
77.4	S&F of 20mm dia PVC pipe for TV/Telephone line	88.71	Rmt	60.00	5322.60
78.0	Earthing Station IS3043 (Type I)	2997.60	Each	1.00	2997.60
81.0	Meter cupboard	2543.20	Sqm	0.70	1780.24
83.0	M.S Angle	190.00	Rmt	2.10	399.00
86.0	Anti termite treatment	34.00	Sqm.	145.20	4936.80
	ANNEXURE				
14.I	Precast Cupboard slab 20 mm tk.using standardised concrete mix M20 (annexure)				
	a. In Ground floor	1480.74	Sqm.	6.19	9165.78
	b. In First floor	1485.51	Sqm.	23.70	35206.59
	c. In Second floor	1490.28	Sqm.	23.70	35319.64
	d. In Third floor	1495.05	Sqm.	11.30	16894.07
14.II	Precast cupboard slab 40 mm tk.using standardised concrete mix M20 (annexure)				
	a. In Foundation & basement	1672.23	Sqm.	7.70	12876.17
	b. In Ground floor	1632.07	Sqm.	1.60	2611.31
	c. In First floor	1641.60	Sqm.	1.00	1641.60
8.1.2	Standardised concrete Mix M20 Grade Concrete				
	a. In Foundation and basement	7971.23	Cum	51.40	409721.22
	b. Ground Floor	8091.08	Cum	28.10	227359.35
	c. In First Floor	8327.18	Cum	29.60	246484.53
	d. In Second Floor	8563.28	Cum	26.10	223501.61
	e. In Third floor	8799.38	Cum	31.10	273660.72
	f. In Fourth Floor	9035.48	Cum	3.90	35238.37
35.1	Plastering with CM 1:3, 12mm with WPC	277.72	Sqm	56.40	15663.41

Sl. No.	Description	Rate	Unit	Main Qty	
				Qty	Amount
2.1.1	Supplying and filling with gravel	554.88	Cum	70.90	39340.99
18.1	Formwork using M.S.Sheet				0.00
	a.For Column footings,plinth beam,Grade beam,Raftbeam,Raft slab etc.,	848.08	Sqm	284.00	240854.72
	b.Plain surfaces such as Roof slab,floorslab,Beams,lintels,lofts,sill slab,staircase,portico slab and other similar works	946.62	Sqm	858.30	812483.95
	c.For Square and rectangular columns and small quantities	1135.94	Sqm	364.59	414152.36
	d.Vertical wall	1041.28	Sqm	23.60	24574.21
	f.Curved surface	1419.93	Sqm	5.51	7823.81
21.6	R.C.C.Door frames of size 100 x 75mm with one edge grooves size 't' x 20 mm using M20 grade (with out vibrating charges)				
	c. 1000 x 2100 mm	2800.57	Each	9.00	25205.13
	d.750 x 2100mm	2740.92	Each	1.00	2740.92
22.3.2	TW double leaves shutter of size with brass fitting a.1800 x 2100mm	6293.27	Sqm	3.30	20767.79
	b. 1500X2100mm.(double leaves) with Brass fittings	6538.42	Sqm	2.70	17653.73
23.1.1	TW styles & rails with 9mm thick BWR single leaf shutters with brass screws size of 1000 x 2100 mm	3513.76	Sqm	19.90	69923.82
	TW styles & rails with 9mm thick BWR single leaf shutters with brass screws size of 750 x 2100 mm	4068.54	Sqm	1.40	5695.96
21.5.2	Supply and Fixing UPVC door Shutter with frame	3325.00	Sqm	16.30	54197.50
23.2.1	4mm thick pin headed Glass panels with Aluminium beedings	835.70	Sqm	63.30	52899.81
29.8	Glazed tiles using Grout (Tile Joint Filler)	1377.28	Sqm	105.60	145440.77
29.9	Floor ceramic tiles (Anti-skid) using Grout (Tile Joint Filler).	1211.92	Sqm	22.40	27147.01
38.6	One coat white cement for new walls and other similar works	61.63	Sqm	22.70	1399.00
43.0	Fabrication of Mild steel / RTS grills (without cement slurry) for all sizes of rods.	88873.50	MT	18.710	1662823.19

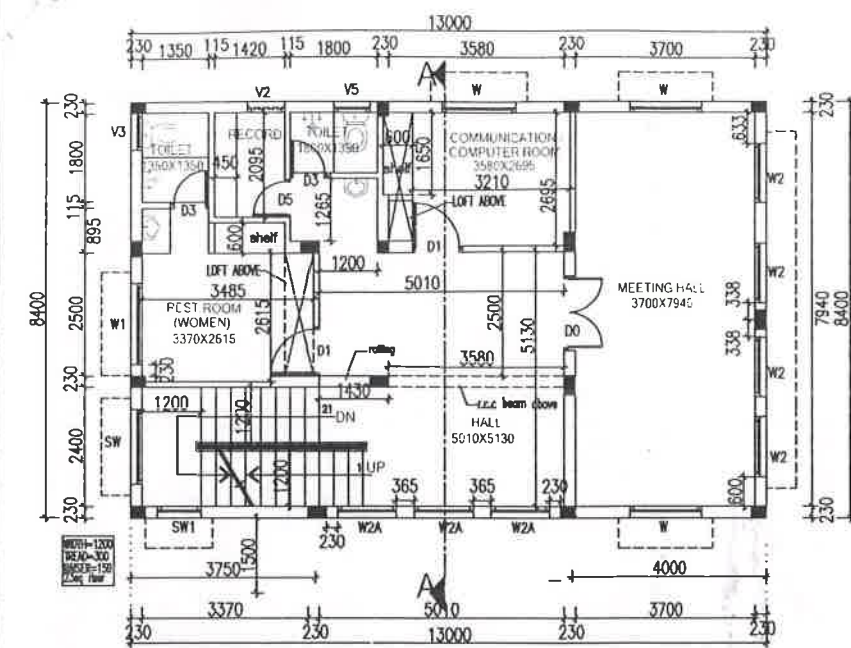
Sl. No.	Description	Rate	Unit	Main Qty	
				Qty	Amount
44.6	PVC SWR 110 mm dia with ISI mark type- A for Rain water down fall pipe	343.11	Rmt	82.10	28169.33
50.6	Precast slab 50 mm tk.in C.C. 1:3:6 with fibre	408.91	Sqm	11.60	4743.36
52.4	20mm dia PVC water supply ASTM pipe (fully consealed in walls)	231.61	Rmt	43.00	9959.23
53.4	S&F of C.I Manhole cover 60 x 60 cm (50kg weight)	1864.00	Each	5.00	9320.00
53.5	Wash Hand Basin of size 550 x 400 mm	3337.32	Each	9.00	30035.88
58.3	PVC SWR pipe (Soil line) with ISI mark - type 'B'.				0.00
0.0	a. 110 mm dia.	717.55	Rmt	63.80	45779.69
0.0	b. 75 mm dia.	600.25	Rmt	41.30	24790.33
58.5	PVC(SWR) pipe with ISI mark - type 'A' for Ventilating shaft with cowl	454.00	Each	19.00	8626.00
64.1	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990.(Ordinary)				
	a. Light point with ceiling rose	1692.10	Each	55.00	93065.50
	b. Light point without ceiling rose	1695.10	Each	50.00	84755.00
	c. Calling bell point with Buzzer/Calling bell	1732.10	Each	3.00	5196.30
65.1	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for Fan point.	1767.10	Each	22.00	38876.20
66.1	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for Staircase Light Point.	3176.20	Each	4.00	12704.80
67.1	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for 5 amps 5 pin plug socket point @ Switch Board Itself.	869.50	Each	18.00	15651.00
68.2	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for 5 amps 5 pin plug socket point @ Convenient Places.	1174.40	Each	17.00	19964.80

Sl. No.	Description	Rate	Unit	Main Qty	
				Qty	Amount
75.1.2	Supply and delivery of 48" (1200 mm) Fan with ISI mark with Eletronic Dimmer	1552.70	Each	22.00	34159.40
77.6	Run of 2 Wires of 4 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990.	272.90	Rmt	170.00	46393.00
77.5	Run of 2 Wires of 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990.	214.90	Rmt	255.00	54799.50
105.1	Run of 4 Wires of 4 Sq mm copper PVC insulated unsheathed single core cable for 3 phase EB service connection	275.30	Rmt	25.00	6882.50
112.1	S & F of Exsaust Fan 225mm dia	2176.40	Each	9.00	19587.60
	S & F of Bulk head fitting suitable for CFL	530.00	Each	1.00	530.00
44.2	Rain water harvesting using defunct borewell and providing perforated cover slab				0.00
	a). Providing pit	2158.98	Each	5.00	10794.90
	b) Augering 30cm dia	491.04	Rmt	12.00	5892.48
344.2	S&F of Bevelled edge mirror 500 x 400 x 5.5mm	398.30	Each	9.00	3584.70
71.0	Supplying and fixing of 32 AMPS Triple pole main switch	2195.34	Each	1.00	2195.34
80.1	450 x 375 x 20 mm thick TW plank	1345.34	Each	2.00	2690.68
	3 Nos.of 32Amps - Fuse Unit	852.12	Each	2.00	1704.24
	Supplying and delivery of Three phase ELCB/RCCB	3091.30	Each	2.00	6182.60
	Supply of G.I pipe 40mm dia 'B' Class	165.00	Rmt	6.00	990.00
796.0	Exterior Emulsion Paint including primer for outer	232.98	Sqm	1351.30	314825.87
38.4.1	Two coat of plastic emulsion with special primer etc all complete.	231.43	Sqm	1267.40	293314.38
448.1	Providing PVC Tee with end cap 32mm dia	138.32	Each	9.00	1244.88
379.5	Granite Tiles flooring (Ruby red)	1627.06	Sqm	113.60	184834.02
367.0	Providing wooden Melamine polish for new wood	1438.54	Sqm	18.10	26037.57

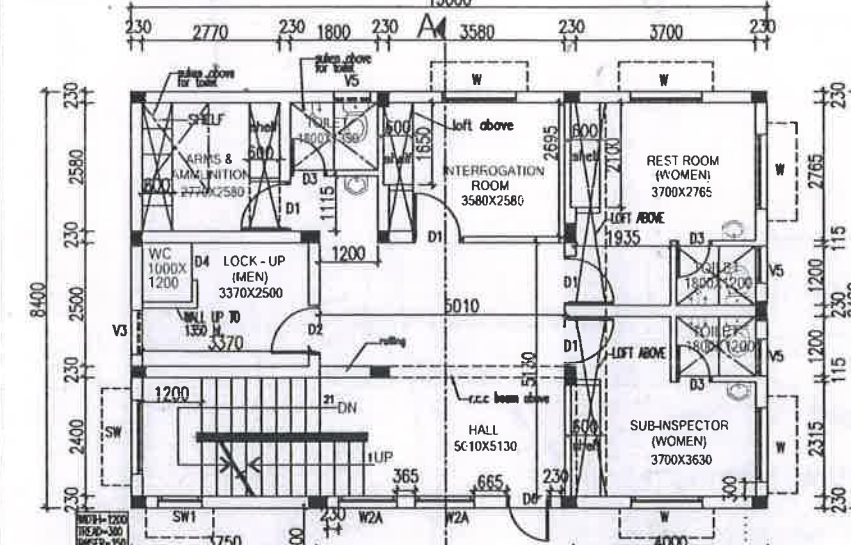
Sl. No.	Description	Rate	Unit	Main Qty	
				Qty	Amount
378.1	Vitrified Tiles flooring (ivory)	1492.08	Sqm	134.40	200535.55
361.0	Designer concrete Tiles flooring	1485.29	Sqm	138.00	204970.02
	Supply & Fixing of MS door (for lockup door)				
	MS door of Size 1000 x 2100mm	9385.85	each	2.00	18771.70
	MS Ventilator of Size 900 x 600mm	4881.19	Sqm	1.60	7809.90
31.0	Weathering course	3845.40	cum	9.10	34993.14
32.1.1	Pressed tiles (23cmx23cmx20mm)mixed with water proffing compound	1193.62	Sqm	137.00	163525.94
	a. 110 mm UPVC Non Pressure pipe	482.86	Rmt	56.90	27474.73
	a. 110 mm dia PVC bend (TWAD SR 16-17 P-19 S.No-4)	175.20	Each	4.00	700.80
	S & F of Indian Water closet white glazed (Oriya type) of size 580 x 440mm with PVC SWR grade ' P' or 'S' trap- Other than G.F.	5255.02	Each	2.00	10510.04
57.0	S & F of E.W.C.(White) 500 mm	7114.30	Each	9.00	64028.70
54.1.1	S & F of 15mm dia half turn CP long body tap	448.00	Each	10.00	4480.00
54.2.1	S & F of 15mm dia half turn CP short body tap	440.00	Each	11.00	4840.00
	Supplying and fixing galvanium sheet roof over roof truss	997.61	Sqm	52.50	52374.53
	Supplying and fixing of G.I pipe 80 mm dia vertical post for roof truss	693.60	Rmt	29.50	20461.20
	Supplying and fixing of 200mm dia 6mm thick circular flange (TWAD Sr 22-23)	143.00	Each	40.00	5720.00
	Supplying of 50mm dia GI pipe for roof truss main pipe	437.60	Rmt	58.55	25621.48
	Supplying of 32 mm dia GI pipe for roof truss purlin	276.10	Rmt	42.90	11844.69
	Supplying and fixing of bolts & nuts 1 1/2"x1/2" (TWAD Sr 22-23)	118.00	Kg.	4.40	519.20
	Fabrication charges for roof truss	151.40	Rmt	458.90	69477.46

Sl. No.	Description	Rate	Unit	Main Qty	
				Qty	Amount
	Drilling of 180mm dia Borewells in over burden soil areas including labour charges inserting casing pipes anywhere in tamilnadu including transportation to the worksite and developing the bore wells., etc all complete and as directed by the departmental officers	275.00	Rmt	18.00	4950.00
	Supplying and Delivery of 180mm dia 6kg/cm2 PVC Casing Pipe., etc all complete and as directed by the departmental officers.	825.00	Rmt	18.00	14850.00
	Drilling of 150mm Dia Borewells in all Stratum including Hard Rock areas any where in Tamilnadu including transportation to the worksite in hard rock areas and developing the bore wells., etc all complete and as directed by the departmental officers.	295.00	Rmt	212.00	62540.00
	Supplying and Fixing of 180mm Dia Borewell PVC End Cap., etc all complete.	352.00	Each	1.00	352.00
	Supplying and Delivery of 5HP Supmersible pumpset three phase of best approved brand suitable for borewell with ISI mark etc all complete. (Duty 50 x 175) TWAD SR P-102/22-23	63167.00	Each	1.00	63167.00
	Labour charge for the errection .of 5HP Submersible motor pumpset in sump etc all complete. TWAD SR P-106/22-23	15573.00	Each	1.00	15573.00
	Supply and Delivery of UPVC pipes with approved quality with ISI mark at site work etc all complete. a.50mm Dia PWD SR P-106/22-23	184.20	Rmt	10.00	1842.00
	b. 32mm Dia	120.50	Rmt	200.00	24100.00
	Supplying and fixing of Nylon rope for tying of submersible pumpset motor etc...complete. PWD SR P-105/22-23	61.80	Rmt	205.00	12669.00
	Supply and Delivery of PVC insulated and sheated 3 core of 4 sq.mm flat type copper cable with ISI Mark etc all complete. TWAD SR P-120/22-23	194.00	Rmt	226.00	43844.00
	Supply and fixing of Three phase Dol Starter confirm to IS specification with ISI mark etc all complete. TWAD SR P-114/2-23	15573.00	Each	2.00	31146.00
	Supplying,laying,fixing & jointing the following PVC pipes as per ASTM D 1785 etc all complete. a. 50mm Dia	277.52	Rmt	10.00	2775.20
	Supplying and delivery of the following Dia of the B class GI pipes with ISI mark etc all complete. a. 65mm Dia PWD SR P-45/22-23	244.40	Rmt	6.00	1466.40

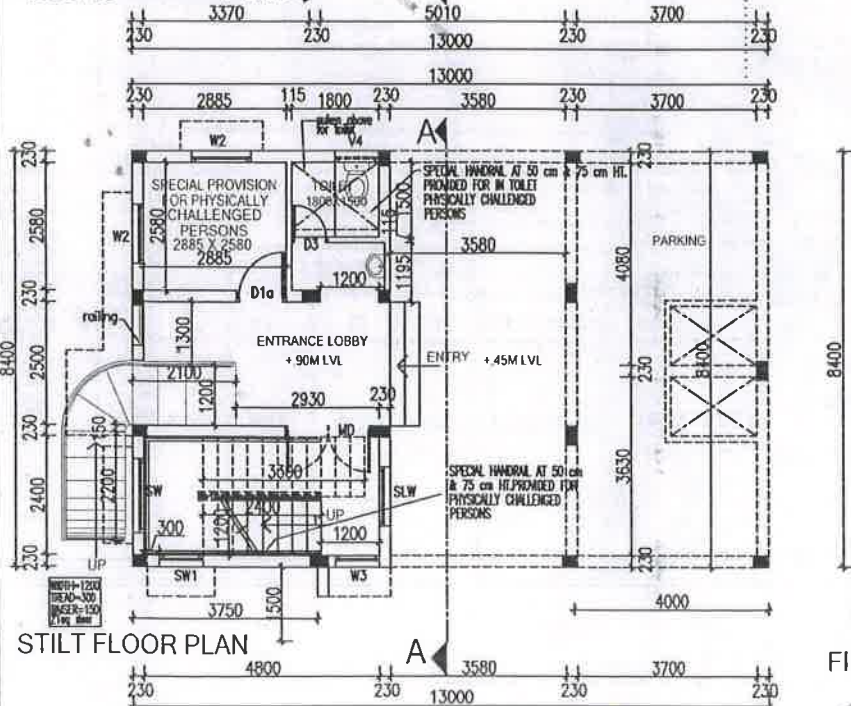
Sl. No.	Description	Rate	Unit	Main Qty	
				Qty	Amount
	Supplying and Delivery of 2HP Submersible openwell pumpset three phase of best approved brand suitable for openwell with ISI mark etc all complete. Stand By (Duty 100x40) PWD SR 22-23	34160.00	Each	1.00	34160.00
	Labour charge for the erection of 2HP Submersible openwell pumpset in sump etc all complete.	14832.00	Each	1.00	14832.00
	Supply and Develivory of Three Phase 63Amps Triple Pole Main Switch with rewirable fuse unit etc all Complete. TWAD SR P-1198/22-23	2886.00	Each	1.00	2886.00
	Teak wood Frame & TW styles & rails with BWR double leaf shutters for cupboard/ward rob incl. two coat enamel paint & one coat primer	4253.06	Sq.m	25.20	107177.11
	Supply and Develivory of Three Phase Service Main Metal Box with Insulator and Indicator etc all Complete EER No.154/2014-15	2810.00	Each	1.00	2810.00
	Supply and Fixing of 6 Lever Godrej Lock and Key etc all Complete. EER.No.44/2014-15	491.00	Each	4.00	1964.00
	Supply and Fixing of Aluminium Die Cast Logo of the following Size including all Labour Charges etc all complete				
	a. 12" Inches	4500.00	Each	1.00	4500.00
	b. 9" Inches	700.00	Each	46.00	32200.00
	Supply and fixing of Plastic Name Board of 4mm thick exterior grade both side prelaminated including all labour charges etc all complete.	6200.00	Each	0.86	5332.00
	Stonware Tee 100mm dia	131.00	Each	2.00	262.00
	Supplying and filling the low lying area with conveyed Well Gravel with a lead of 6 Km from work site and as directed by the departmental officers etc all complete	515.82	cum	174.80	90165.34
	TOTAL				11709983.87



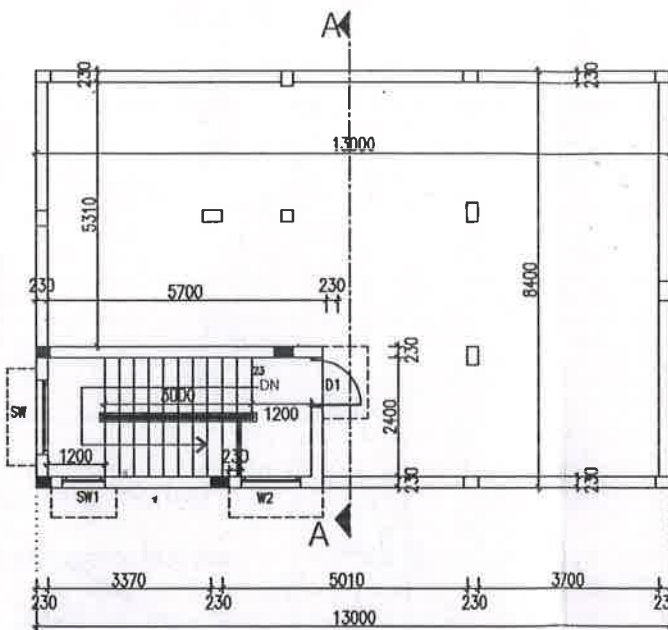
THIRD FLOOR PLAN



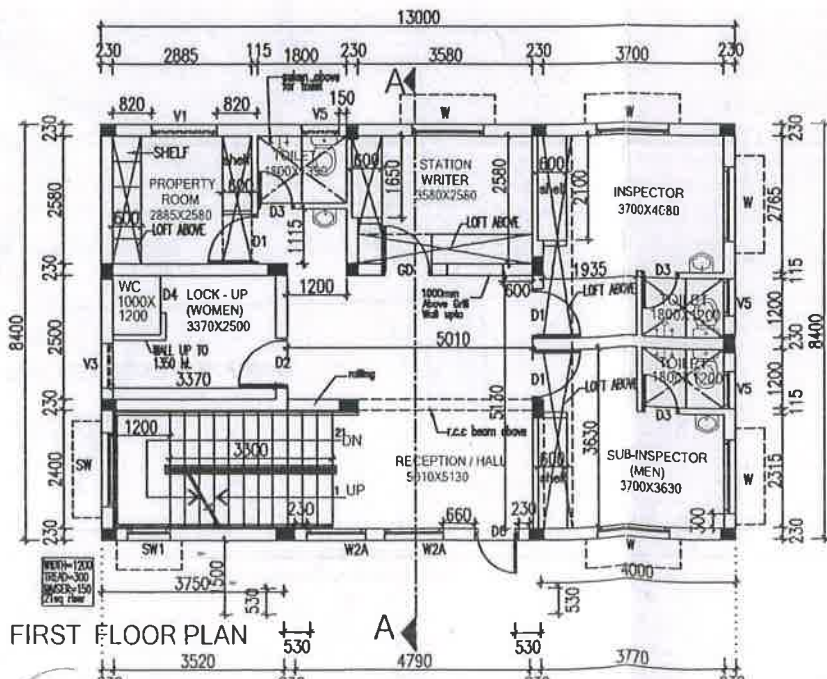
SECOND FLOOR PLAN



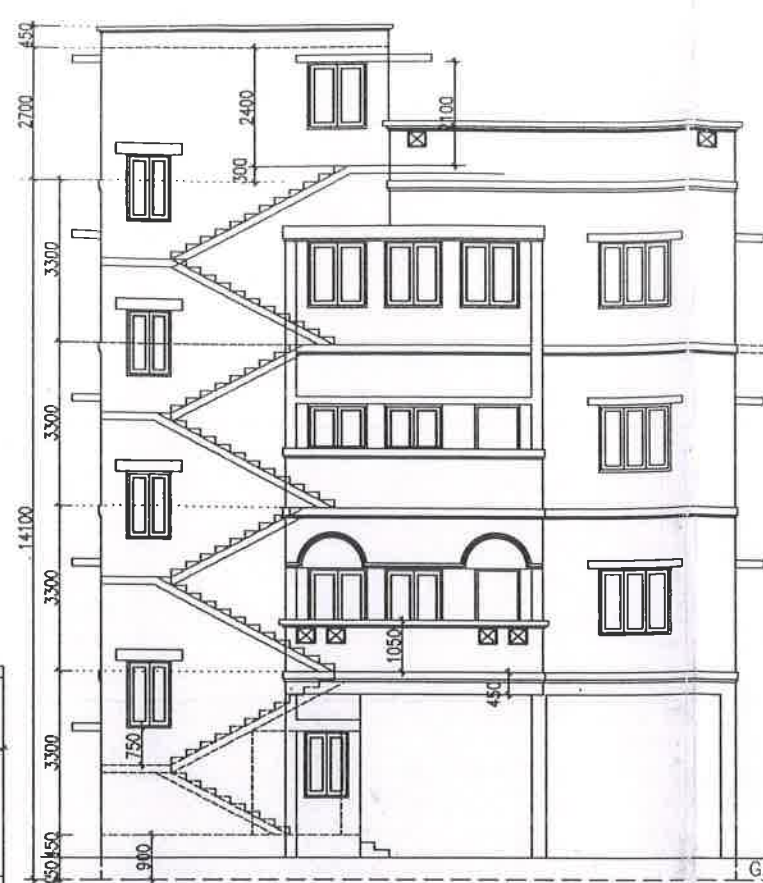
STILT FLOOR PLAN



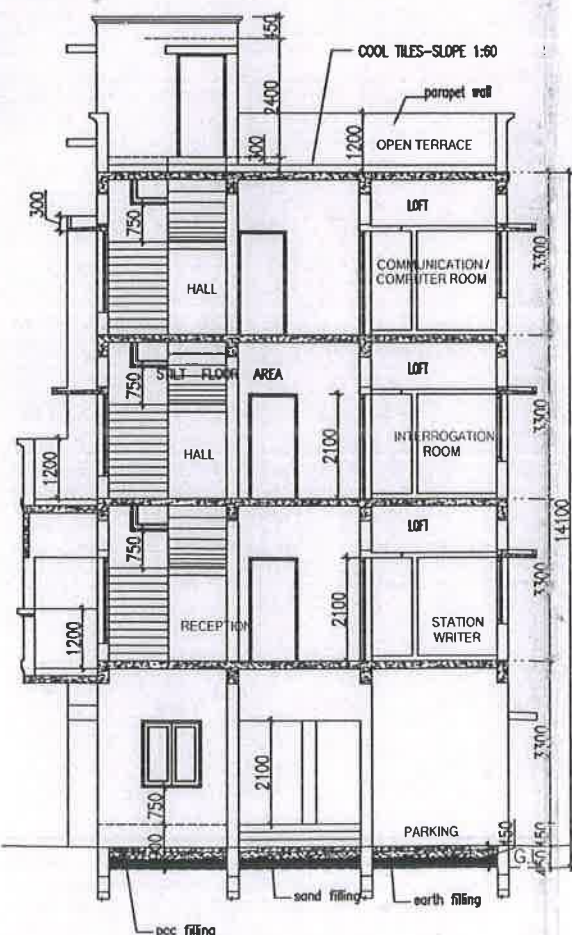
TERRACE FLOOR PLAN



FIRST FLOOR PLAN



FRONT ELEVATION (TENTATIVE)



SECTION ON AA

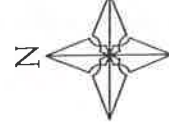
JOINERY DETAIL			
M/D	DOOR	1800X2100	T.W.FRAMED DOOR WITH T.W. DOUBLE LEAF PANELLED DOOR SHUTTERS WITH BRASS FITTINGS
D/D	DOOR	1500X2100	T.W.FRAMED DOOR WITH T.W. DOUBLE LEAF PANELLED DOOR SHUTTERS WITH BRASS FITTINGS
D1/D	DOOR	1000X2100	T.W.FRAMED DOOR WITH T.W. SHUTTER
D1/D	DOOR	1000X2100	R.C.C.FRAMED DOOR WITH BMR SHUTTER
D2	DOOR(LOCK UP)	1000X2100	DOORS WITH IRON BARS & MS FLATS
D3	DOOR(TOILET)	750X2100	P.V.C.DOOR WITH PVC FRAME
D4	DOOR(LOCK UP)	750X1350	P.V.C.DOOR WITH PVC FRAME
D5	DOOR(record)	750X2100	R.C.C.FRAMED DOOR WITH BMR SHUTTER
D6	DOOR (OUTER)	900X2100	T.W.FRAMED DOOR WITH T.W. SHUTTER
W	WINDOW	1500X1350	STEEL FRAMED GLAZED WINDOW WITH MS GRILLS
W1	WINDOW	1650X1350	STEEL FRAMED GLAZED WINDOW WITH MS GRILLS
W2	WINDOW	1200X1350	STEEL FRAMED GLAZED WINDOW WITH MS GRILLS
W2A	WINDOW	1200X1650	STEEL FRAMED GLAZED WINDOW WITH MS GRILLS
W3	WINDOW	900X1350	STEEL FRAMED GLAZED WINDOW WITH MS GRILLS
SW	STAIRCASE WINDOW	1500X1350	STEEL FRAMED GLAZED WINDOW WITH MS GRILLS 750 SILL FROM LANDING (STAIRCASE LANDING)
SW	STAIRCASE WINDOW	900X1350	STEEL FRAMED GLAZED WINDOW WITH MS GRILLS 750 SILL FROM LANDING (STAIRCASE LANDING)
SLW	SLIDING WINDOW	1200X1350	UPVC WINDOW WITH SLIDING SHUTTERS
V1	VENTILATOR (PRO.)	1350X 600 Initial LVL	VENTILATOR WITH IRON BARS AND MS FLAT WITH EXPANDED METAL WELDED ON TO IT
V2	VENTILATOR (RECORD)	750X 600 Initial LVL	VENTILATOR WITH IRON BARS AND MS FLAT WITH EXPANDED METAL WELDED
V3	VENTILATOR(LOCK ROOF LVL)	900X 600	VENTILATOR WITH IRON BARS AND MS FLAT WITH EXPANDED METAL WELDED ON TO IT
V4	VENTILATOR (TOIL)	900X 750	STEEL FRAMED GLAZED VENTILATOR WITH MS GRILLS
V5	VENTILATOR (TOIL)	750X 750	STEEL FRAMED GLAZED VENTILATOR WITH MS GRILLS
SPECIFICATION			
FOUNDATION & BASEMENT: R.C.C COLUMN/BRICK WORK IN C.M 1:5			
SUPERSTRUCTURE			
ROOF			
FLOORING			
CUPBOARD SLAB PAINTING			
JOINERIES			
PIPES / TAPS			
NOTE			
1.STAIRCASE :- TREAD-300 MM, RISER-150MM. (21NOS)FOR GF TO FF RISER-150(23NOS.) FOR FT TO SF			
2.PLINTH HEIGHT 900 MM FROM FGL			
3.SILL LEVEL 750 MM FROM FL			
4.LINTEL HEIGHT 2100 MM FROM FLOOR LEVEL			
5.ROOF HEIGHT 3300 MM (INCLUDE SLAB THK.)			
6.HEIGHT OF PARAPET WALL IN BALCONY, TERRACE ETC. IS 1200 MM.			
7. WIDTH OF SUNSHADE IS 600 MM.			
8. 20CM DEPRESSION SHOULD BE GIVEN FOR BATH & TOILET PORTION			
9. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFICALLY STATED.			
AREA STATEMENT			
			SQ.M
STILT FLOOR AREA			
PARKING AREA(half area)			= 32.51
BUILDING AREA INCLUDING STAIRCASE			= 31.03
ENTRANCE LOBBY (half area)			= 6.58
FIRST FLOOR AREA			= 104.16
SECOND FLOOR AREA			= 104.16
THIRD FLOOR AREA			= 104.16
TOTAL AREA			<u>382.60</u>
HEAD ROOM			4118 SQFT = 8.38
PROPOSED URBAN POLICE STATION (SPECIAL)			
S.NO		: 567/15	
VILLAGE		: PULIYARAI	
TOWN / TALUK		: SHENKOTTAI	
DISTRICT		: TENKASI	
STILT FLOOR PLAN , FIRST ,SECOND AND THIRD FLOOR PLAN , FRONT ELEVATION , SECTION AA & TERRACE FLOOR PLAN			
SCALE:1:100		DRAWING NO.	SHEET NO. 01/01
DATE:22.05.2018		DD/ 336 /18	
Sd/..JL01/08/18 Asst.Architect		Sd/..JL01/08/18 AEE/ ARCH. SEC.	Exe. Engineer. (PA TO SE)
Sd/..JL01/08/18 EE/ PLANNING		Sd/..JL02/08/18 Supdt. Engineer.	Sd/..JL03/08/18 Chief Engineer.
TAMILNADU POLICE HOUSING CORPORATION LTD.			
NO-132, E.V.R.SALAI, KILPAUK, CHENNAI-600 010.			

EXECUTIVE ENGINEER
TAMIL NADU POLICE HOUSING CORPORATION LTD.

Superintendent of Police
Tenkasi District.
Chief Engineer
Tamilnadu Police Housing Corporation Ltd
Chennai - 600 010

TENKASI DISTRICT

NH ROAD TENKASI TO QUILON



SCHOOL

ROAD

23.4

08

ROAD WIDTH OF 9.00 M

31.6

25.11

14.4

26/05/23
JE/plg

AEE/PLW
9/2/67

San 26/5/23
SUPERINTENDING ENGINEER,
TNPSC Ltd
SOUTH CIRCLE,
MADURAI-14.

Chief Engineer
Tamilnadu Police Housing Corporation Ltd.
Chennai - 600 019

EXECUTIVE ENGINEER
FAMIL NADU POLICE HOUSING CORPORATION
TIRUNELVELI DIVISION

22-5-23

FE/2c.

1000/15/16/33/8

$$\frac{25}{25} \frac{5}{5} \frac{23}{23}$$

Superintendent of Police
Tarakasi District.