

Lr. No. CE/Plg/CM's Annt 2009-10/2009

Dtd:19.09.2023

To

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

Sir,

Sub: TNPHC Ltd - Construction of new Urban Police Station building at Muthayapuram in Thoothukudi District under Hon'ble Chief Minister announcement for the year 2009 -10 - Alternate land identified - Detailed estimate submitted - Additional fund - Requested - Reg.

- Ref: 1. G.O.Ms. No.757, Home ( Pol. X) Dept, Dtd:01.07.2009  
2. Addl. Chief Secy to govt., Industrial Dept., Lr.No.Lr.No.1( MIG-2),  
Dated:03.01.2022  
3. The Collector Proc.No.D3/33239/2014, Dated:13.01.2022  
4. Divisional Engineer/ Highways/ Thoothukudi, Lr.No.1044/2022/JDO-2,  
Dated:05.05.2022  
5. The SP/ Thoothukudi District Lr.No.M1/41312/2016, Dated:16.05.2022  
6. This office Letter even no, Dated:28.03.2023  
7. The DGP/HoPF, Lr.Rc.No.56366/ Bldg.II91)/2008, Dated:12.06.2023

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Kind attention is invited to the reference cited, wherein the Government have accorded financial sanction for the Construction of new Urban Police Station building at Muthayapuram in Thoothukudi District under Hon'ble Chief Minister announcement for the year 2009 -10 to a value of Rs. 39.98 Lakhs.

2) Earlier, the land was identified in S.No.340/2 in Thoothukudi - Tiruchendur , Kanyakumari road, due to road widening project and by the High ways Department and hence the work could not be taken up.

3) Hence, an alternate land is identified in Survey No.218/1A of Mullakadu zone - I village in Thoothukudi District. But the land is classified as Industrial Development Zone, the

work could not be commenced for want of NOC from the Government, as it was being a long time procedure, to get NOC. Finally, in the reference 2<sup>nd</sup> cited, the NOC has been issued by the Government to Police Department.

4) Subsequently, the enterupon permission has been issued by the District Collector vide reference 3<sup>rd</sup> cited and the land has been transferred in the name of Police Department.

5) Necessary NOC has also been obtained from Divisional Engineer/ Highways Department, Thoothukudi vide reference 4<sup>th</sup> cited. The Superintendent of Police has also requested to start the work.

6) Accordingly, the site has been inspected and the detailed estimate is prepared based on PWD schedule of rates for the year 2023 - 24. The estimate cost works out to **₹ 192.00 Lakhs**, including GST & over head charges. The site is feasible for construction after obtaining setback relaxation by the user department from DTCP.

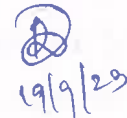
7) Owing to the revision of PWD rates for 14 consecutive years 2010-11 to 2023-24, there is an escalation of prices involves in the estimate value. A copy of the abstract estimate is enclosed. Thus an additional amount of ₹ 152.02 lakhs (192.00-39.98 ) is required for the construction of Muthiyapuram Police Station building in Thoothukudi District over and above the sanctioned FS value of Rs.39.98 Lakhs.

8) It is therefore requested that an additional fund of **₹ 152.02 lakhs ( 192.00-39.98)** and necessary concurrence for the construction of Urban Police Station building at Muthayapuram in the alternate land vide in S.No.218/5 of Mullukadu Zone - I Village in Thoothukudi District may be got sanctioned from the Government at the earliest, since the delay influeces escalation in cost.

**Encl: As stated.**

**Yours faithfully,**

  
**Chief Engineer**

  
19/9/29

TAMILNADU POLICE HOUSING CORPORATION LIMITED					
GENERAL ABSTRACT					
Name of Work : Construction of New Urban Police Station Building with development works at Muthiyapuram in Thoothukudi District.					
Sl.No.	Qty	Description	Rate	Unit	Amount
		<b>BUILDING WORKS</b>	<b>PWD SR 2023-24</b>		
1	1.00	Main Building	10838535.26		10838535.26
		<b>SUB - TOTAL - I Rs.</b>			<b>10838535.26</b>
		<b>DEVELOPMENT WORKS</b>			
2	1.00	Septic tank	135127.50		135127.50
3	1.00	Sump	168792.86		168792.86
4	1.00	Plinth Protection	100884.47		100884.47
5	1.00	Sullage drain	86567.24		86567.24
6	1.00	Storm water drain	158229.74		158229.74
7	1.00	External water supply	388815.37		388815.37
8	1.00	Scheme filling	352694.45		352694.45
9	1.00	External Electrical arrangements	43028.34		43028.34
10	1.00	Pavers block road	314192.15		314192.15
11	1.00	Compound wall	1442902.15		1442902.15
		<b>SUB - TOTAL - II Rs.</b>			<b>14029769.53</b>
12		<b>GST at 18.0% ( GST at 9% + CGST 9% )</b>			2525358.52
		<b>SUB - TOTAL - III Rs.</b>			<b>16555128.05</b>
13		Provision for Soil Investigation charges	LS		50000.00
14		Provision for Additional amenities and marble chips for outer walls	LS		300000.00
14		Provision for Granite flooring for common area	LS		100000.00
15		Provision for Drinking water supply	LS		100000.00
		<b>SUB - TOTAL - IV Rs.</b>			<b>17105128.05</b>
16		Labour welfare fund @ 1%	LS		140297.70
17		Unforeseen items, Contingencies & P.S Charges @ 1 %	LS		140597.29
18		Supervision Charges @ 5%	LS		701488.48

19		Price adjustment clause @ 5%	LS	701488.48
		<b>SUB - TOTAL - V Rs.</b>		<b>18789000.00</b>
20		Provision for Advertisement Charges	LS	100000.00
21		Provision for Planning permission	LS	111000.00
22		Provision for EB deposit	LS	100000.00
23		Structural Design and Consultancy Charges	LS	100000.00
		<b>GRAND TOTAL Rs.</b>		<b>19200000.00</b>
			<b>Say Rs.192.00 Lakhs</b>	

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


**Item of Work : Construction of New Urban Police Station Building with development works at Muthiyapuram in Thoothukudi District.**

**Abstract**

Sl. No.	Qty	Description	Rate	Unit	Amount
1.1		Earth work excavation in all soils <b>(including refilling)</b>			
	309.700	a. 0 to 2 mt.	248.93	Cum.	77093.62
1.5		Earth work excavation for <b>Open foundation</b> (excluding refilling)			
	44.300	a. 0 to 2 mt.	117.65	Cum.	5211.90
1.6		Earth work excavation for <b>Open foundation</b> for drains (excluding refilling) width upto 1.25			
	4.500	a. 0 to 2 mt.	176.48	Cum.	794.16
2.1	25.100	Filling sand	2066.93	Cum.	51879.94
2.6	5.700	Supply and filling of 40 mm HBSJ	1306.88	Cum.	7449.22
2.7	1.900	Supply and filling of 20 mm HBSJ	1726.08	Cum.	3279.55
3.1	43.900	C.C.1:5:10 for Foundation & Basement	5067.55	Cum.	222465.45
3.2	2.400	P.C.C. 1:2:4 for Foundation & Basement and other similar works	6619.01	Cum.	15885.62
3.3	0.200	P.C.C. 1:8:16 using 20 mm broken brick jelly	4480.81	Cum.	896.16
6.5	86.800	<b>Brick work in C.M. 1:5 (F&amp; B) using Fly ash</b> bricks of size 23 x 11 x 7 cm (8 3/4" x 4 1/4" x 2 3/4")	7155.87	Cum.	621129.52
9.5		<b>Brick work in C.M. 1:6 using Fly ash</b> bricks of size 23 x 11 x 7 cm ( 8 3/4" x 4 1/4" x 2 3/4")			
	67.400	a. In Ground Floor	7166.23	Cum.	483003.90
	42.900	b. In First Floor	7333.39	Cum.	314602.43
	22.000	c. In Second Floor	7500.55	Cum.	165012.10
10.5		<b>Brick partition work in C.M. 1:4 using Fly</b> ash bricks of size 23 x 11 x 7 cm (8 3/4" x 4 1/4" x 2 3/4") <b>110 mm tk (B.P.)</b>			
	78.500	a. In Foundation and basement	904.00	Sqm.	70964.00
	138.300	b. In Ground Floor	913.11	Sqm.	126283.11
	108.900	c. In First Floor	931.50	Sqm.	101440.35
11.5		<b>Brick work in C.M. 1:4 Fly ash bricks of size</b> 22 x 11 x 7 cm (8 3/4" x 4 1/4" x 2 3/4") <b>70</b> mm tk (B.P.)			

Sl. No.	Qty	Description	Rate	Unit	Amount
	18.900	a. In Ground Floor	619.22	Sqm.	11703.26
	10.800	b. In First Floor	630.92	Sqm.	6813.94
12.1		Brick partition in C.M. 1:4 50 mm tk. (B.P.) Kiln Burnt Country brick: 23 x 11 x 5 cm (9" x 4 1/4" x 2")			
	6.700	a. In Ground Floor	415.96	Sqm.	2786.93
	6.700	b. In First Floor	424.32	Sqm.	2842.94
13.1	50.200	Filling with Excavated Earth	40.90	Cum.	2053.18
15.1		<b>Cuddappa slab 20 mm tk.</b>			
	38.500	a. In Ground floor	564.47	Sqm.	21732.10
	40.000	b. In First floor	569.43	Sqm.	22777.20
21.2		<b>Teak wood Wrought &amp; Put up</b>			
	0.063	a. T.W. over 2 m & below 3 m	125974.50	Cum.	7936.39
	0.041	b. T.W. below 2 m length.	113774.50	Cum.	4664.75
23.3	14.000	S&F of Magnetic door catches	52.00	Each	728.00
25.0	96.000	M.S.Holdfast	9.60	Each	921.60
26.0	15.500	Flooring in C.C.1:5:10	5067.55	Cum.	78547.03
28.0	19.400	<b>Floor plastering</b> in C.M. 1:4, 20 mm tk.	540.07	Sqm.	10477.36
29.4	108.100	Glazed tiles	1424.12	Sqm.	153947.37
29.5	28.400	Floor ceramic tiles (Anti-skid)	1252.45	Sqm.	35569.58
30.0	42.300	Ellispattern	462.68	Sqm.	19571.36
31.0	18.700	Weathering course	3889.24	Cum.	72728.79
32.1	261.100	Pressed tiles (23cmx23cmx20mm) mixed with Water proofing compound	1237.52	Sqm.	323116.47
33.0	2827.000	Plastering in C.M. 1:5, 12 mm tk.	266.23	Sqm.	752632.21
34.0	135.900	Plastering in C.M. 1:4, 12 mm tk.	272.32	Sqm.	37008.29
35.0	472.000	Spl. Ceiling plastering in C.M. 1:3, 10 mm tk.	303.27	Sqm.	143143.44
36.0		<b>Cement mortar Border in C.M. 1:5, 12 mm tk.</b>			
	104.900	a. 150 mm wide	84.82	Rmt	8897.62
	403.300	b. 75 mm wide	55.21	Rmt	22266.19
	262.800	c. 50 mm wide	41.09	Rmt	10798.45
37.1	472.000	White washing 3 coats <b>(slaked)</b>	47.48	Sqm.	22410.56

No.	Qty	Description	Rate	Unit	Amount
39.0	2765.000	M.s Grills	70.15	Kg.	193964.75
40.0	86.900	Painting - New "wood work"	241.31	Sqm.	20969.84
41.0	80.500	Painting - New "iron work"	142.73	Sqm.	11489.77
44.1	42.000	PVC SWR 110 mm dia <b>Rain water pipe</b>	350.32	Rmt	14713.44
46.0	40.000	S & F 20 mm dia Alu. Hanger Rod	58.00	Rmt	2320.00
47.0	5.000	S & F Alu Towel rail 75 cm long	95.00	Each	475.00
48.0	12.000	S & F 5 pin Coat stand	55.00	Each	660.00
49.0	56.000	S & F chromium plated 8 guage Picture Hook	1.50	Each	84.00
50.3	5.000	Supply and planting avenue trees	401.34	Each	2006.70
50.4	5.000	Providing Tree guard	906.32	Each	4531.60
50.5	1.000	Supplying. Fabricating and erection of M.S Scheme Name board	19662.33	Each	19662.33
52.0		<b>PVC Water supply (ASTM)</b>			
	30.000	a. 32 mm dia	262.04	Rmt	7861.20
	90.000	b. 25 mm dia	244.04	Rmt	21963.60
	46.000	c. 20 mm dia	239.20	Rmt	11003.20
52.1	25.000	G.I Pipe 20mm dia for Hot water line (Fully Concealed in walls)	321.02	Rmt	8025.50
53.1	6.000	Wash basin	3416.50	Each	20499.00
53.3	4.000	C.I. Steps ( 5 kg)	30.00	Each	120.00
54	4.000	Brass tap (with ISI mark)	206.00	Each	824.00
56.1	3.000	S & F of Orissapan - in G.F. With P & S Trap	3445.17	Each	10335.51
56.2	1.000	S & F of Orissapan - other than G.F with P & S Trap	5394.14	Each	5394.14
57	6.000	S & F of E.W.C.(white)	7315.38	Each	43892.28
58.1		PVC SWR pipe (Soil line)			
	27.000	a. 110 mm dia.	737.96	Rmt	19924.92
	21.000	b. 75 mm dia.	620.66	Rmt	13033.86
58.2	1.000	PVC Ventilating shaft with cowl	454.00	Each	454.00

Sl. No.	Qty	Description	Rate	Unit	Amount
59.2	6.000	Gully Trap using chamber burnt bricks of size 23x11.4x7.5cm	2090.19	Each	12541.14
60.0	11.000	PVC Nahani trap (4way/2way)	160.00	Each	1760.00
61.2		<b>Stoneware pipe dry condition</b>			
	9.500	a. 100 mm dia	249.02	Rmt	2365.69
62.2		<b>Stoneware Tee</b>			
	2.000	a. 100 mm dia	131.00	Each	262.00
69.0	11.000	15 Amp. Power plug	150.00	Each	1650.00
72.0	23.000	Box type Fibre Fan hook	33.90	Each	779.70
73.10	1.000	6 way - D.B.	4248.34	Each	4248.34
74.0	23.000	Charges for fixing of "Fan"	601.20	Each	13827.60
76.0	10.000	8 SWG wire	27.13	Rmt	271.30
77.3	5.000	S&F of TV/Telephone line Socket	77.01	Each	385.05
77.4	50.000	S&F of 20mm dia PVC pipe for TV/Telephone line	89.74	Rmt	4487.00
78.0	1.000	Earthing Station IS3043 (Type I)	2997.60	Each	2997.60
79.1	3.000	1 No.of 30Amps - Fuse Unit	573.00	Each	1719.00
79.2	1.000	3 Nos.of 30Amps - Fuse Unit	852.12	Each	852.12
81.0	1.200	Meter cupboard	2596.80	Sqm	3116.16
83.0	5.000	Supply and fixing of A/C Metal glad switch	1879.00	Each	9395.00
86.0	213.900	Anti termite treatment	34.00	Sqm.	7272.60
87.0	1.000	Supplying and fixing of ELCB Three phase	3091.30	Each	3091.30
238.0	21.547	Anticorrosive treatment for <b>steel grills</b>	4769.00	MT	102757.64
		<b>ANNEXURE</b>			
14.II		<b>Precast cupboard slab 40 mm tkusing standardised concrete mix M30 (annexure)</b>			
	5.500	a. In Foundation & basement	1726.10	Sqm.	9493.55
4.1.1		<b>Standardised concrete Mix M30 Grade Concrete</b>			



No.	Qty	Description	Rate	Unit	Amount
	89.400	a. In Foundation and basement	8778.15	Cum	784766.61
	61.200	b. In Ground Floor	8903.99	Cum	544924.19
	45.700	c. In First Floor	9151.90	Cum	418241.83
	14.100	d. In Second Floor	9399.81	Cum	132537.32
	26.400	Supplying and filling stone dust	299.22	Cum.	7899.41
	26.400	Supplying and delivery of 3 to 10 mm size HBS Jelly	969.85	Cum.	25604.04
	15.200	Plastering with CM 1:3, 12mm with WPC	291.01	Sqm	4423.35
2.1.1	176.600	Supplying and filling with gravel Basement filling	479.70	Cum	84715.02
2.1.2	558.600	Filling with lowlying area with Gravel	631.39	Cum	352694.45
18.1		<b>Formwork using M.S.Sheet</b>			
	383.000	a.For Column footings,plinth beam,Grade beam,Raftbeam,Raft slab etc.,	886.03	Sqm	339349.49
	944.350	b.Plain surfaces such as Roof slab,floorslab,Beams,lintels,lofts,sill slab,staircase,portico slab and other similar works	987.02	Sqm	932092.34
	222.500	c.For Square and rectangular columns and small quantities	1184.42	Sqm	263533.45
	11.300	e.Circular column	2368.84	Sqm	26767.89
	1.300	f.Curved surface	1480.53	Sqm	1924.69
	40.400	T.W. frame & TW styles & rails with BWR double leaf shutters for cup board/ ward robes including two coat enamel paint & one coat primer.	4329.88	Sqm	174927.15
	3.200	TW double leaves shutter of size <b>with brass fittings</b> a.1800 x 2100mm <b>For PS</b>	6140.82	Sqm	19650.62
	18.100	TW styles & rails with 9mm thick BWR single leaf shutters with brass screws size of door 1200 x 2100 mm	3380.08	Sqm	61179.45
	3.700	TW styles & rails with 9mm thick BWR single leaf shutters with brass screws size of door 1000 x 2100 mm	3577.80	Sqm	13237.86

Sl. No.	Qty	Description	Rate	Unit	Amount
	9.900	TW styles & rails with 9mm thick BWR single leaf shutters with brass screws size of door 900 x 2100 mm	3696.23	Sqm	36592.68
21.5.2	16.800	Supply and Fixing Solid UPVC door Shutter with frame	3325.00	Sqm	55860.00
38.6	1246.100	Wall putty ( one coat)	99.18	Sqm	123588.20
50.6	23.700	Precast slab 50 mm tk.in C.C. 1:3:6 with fibre	421.80	Sqm	9996.66
53.4	2.000	S&F of C.I Manhole cover 60 x 60 cm (50kg weight )	1864.00	Each	3728.00
58.4	12.500	Supplying, Laying & Concealing the 50mm dia PVC ( SWR) pipe with ISI mark type - 'B' with relevant specials.	114.45	Rmt	1430.63
70.5	35.000	S & F of Tube light fitting (patty type ) with Electronic ballast and 36 W slim tube light	705.00	Each	24675.00
	23.000	Supply and delivery of <b>48" (1200 mm) Fan</b> with ISI mark with Eletronic Dimmer	1552.70	Each	35712.10
77.5	25.000	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	5372.50
	110.000	Run of 2 Wires of 2.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990	232.90	Rmt	25619.00
	40.000	4 x 4 Sq mm copper PVC insulated unsheathed single core cable for <b>3 phase EB service connection</b>	275.30	Rmt	11012.00
44.2		<b>Rain water harvesting using defunct borewell and providing perforated cover slab</b>			
	4.000	a). Providing pit (M30)	2265.49	Each	9061.96
	16.000	b) Augering 30cm dia	508.33	Rmt	8133.28
344.2	6.000	S&F of Bevelled edge mirror 500 x 400 x 5.5mm	398.30	Each	2389.80
238.1	2.720	Anticorrosive treatment for window <b>grills</b>	2967.38	MT	8071.27
71.2	1.000	Supplying and fixing of 32 AMPS Triple pole main switch	2195.34	Each	2195.34
80.1	1.000	450 x 375 x 20 mm thick TW plank	1345.34	Each	1345.34

No.	Qty	Description	Rate	Unit	Amount
	1341.400	Plastic Emulsion PAINT including primer for outer walls	241.75	Sqm	324283.45
38.4.1	1246.100	Two coat of OBD over one coat white cement for inner walls	240.20	Sqm	299313.22
	6.000	40 mm dia GI pipe "B" class	165.00	Rmt	990.00
448.1	6.000	S & F of PVC Bottle trap UPVC Coupling	143.73	Each	862.38
	8.650	Providing wooden <b>Melamine</b> polish for new wood work	1489.69	Sqm	12885.82
	6.000	Supplying and fixing of stainless steel hand rails	5536.00	Rmt	33216.00
	333.700	Vitrified Tiles flooring (Ivory)	1295.89	Sqm	432438.49
	66.900	Eurocon Tiles flooring	1525.82	Sqm	102077.36
	40.000	Supply & delivery of 3.5 core 35 sqmm pvc Aluminium Armoured LT UG Cable	260.90	RMT	10436.00
	30.000	Labour charges for laying of UG cable. Below GL	267.40	RMT	8022.00
	10.000	Labour charges for laying UG cable	174.80	RMT	1748.00
	2.000	Supply & fixing of cable gland suitable for 3.5 core 35 sqmm	61.70	Each	123.40
	40.000	65 mm dia GI pipe	244.40	Rmt	9776.00
		Supplying & Fixing of following dia GI specials			
	2.000	65 mm dia GI Bend	278.30	Each	556.60
	2.000	65 mm dia GI Elbow	321.00	Each	642.00
	2.000	65 mm dia GI coupling	239.00	Each	478.00
	2.000	Supply and Fixing 3 nos of 100 Amps Aerial board 500 volts Grade porcelain Fuse unit	1627.62	Each	3255.24
	2.000	Supplying and fixing of MS Clamp set with bolts Nuts suitable for fixing of 65mm dia GI pipe etc	407.00	Each	814.00

Sl. No.	Qty	Description	Rate	Unit	Amount
	1.000	Supply and fixing of 100 amps TPN sheet double break switch with HRC fuse and neutral on suitable angle iron frame work with MS cable entry boxes and PWD earthing(SR-23-24(p-125)	5870.00	Each	5870.00
	6.000	Supplying and fixing of 6 Amps to 32 Amps single pole MCB including cost of all materials	128.00	Each	768.00
	3.000	Supplying and fixing of 250A Change over/ rotary switches	179.70	Each	539.10
	10.400	<b>Supplying and fixing in position of UPVC Ventilator louvered ventilator type for all sizes SR 2018-19 p-57 it-192</b>	8106.00	Sqm	84302.40
	57.600	<b>Supplying and fixing in position of UPVC window of casement type( open) for all sizes Revised SR 2018-19 p-57 it-191</b>	7482.00	Sqm	430963.20
		<b>Supply &amp; Fixing of MS door (for lockup door )</b>			
	2.000	MS door of Size 1000 x 2100mm	9385.85	each	18771.70
		<b>Supply &amp; Fixing of MS ventilator of size ( lockup)</b>			
	0.900	MS Ventilator of Size 1350 x 600mm	4297.06	Sqm	3867.35
	0.600	MS Ventilator of Size 900 x 600mm	4881.19	Sqm	2928.71
	0.400	MS Ventilator of Size 600 x 600mm	5175.36	Sqm	2070.14
	10.000	S & F of 15mm dia <b>Engineering Polymer Tap</b> (long body ) for coastal area only	260.00	Each	2600.00
	10.000	S & F of 15mm dia <b>Engineering Polymer Tap</b> short body tap for coastal area only	249.00	Each	2490.00
	4.000	S & F of 25 Watts LED Street light fittings	3460.00	Each	13840.00
		<b>UPVC Non Pressure pipe of SN8 SDR 34 ( S 16.5) as per IS 15328/2003</b>			
	45.000	a. 110 mm UPVC Non Pressure pipe	491.50	Rmt	22117.50
		<b>PVC Specials as per IS 10124/1982 Part II</b>			
	4.000	a. 110 mm dia PVC bend (TWAD SR 22-23	175.20	Each	700.80

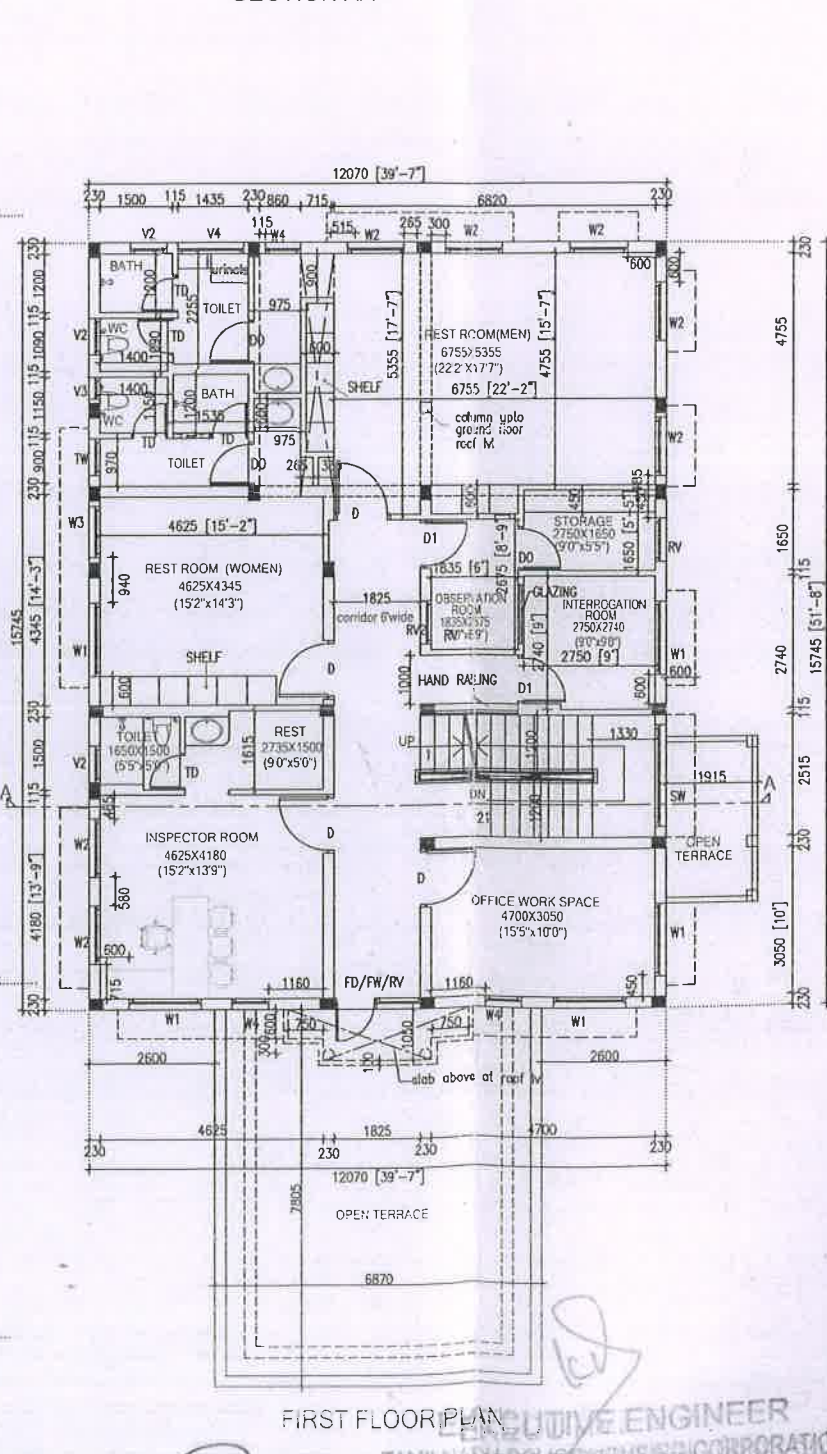
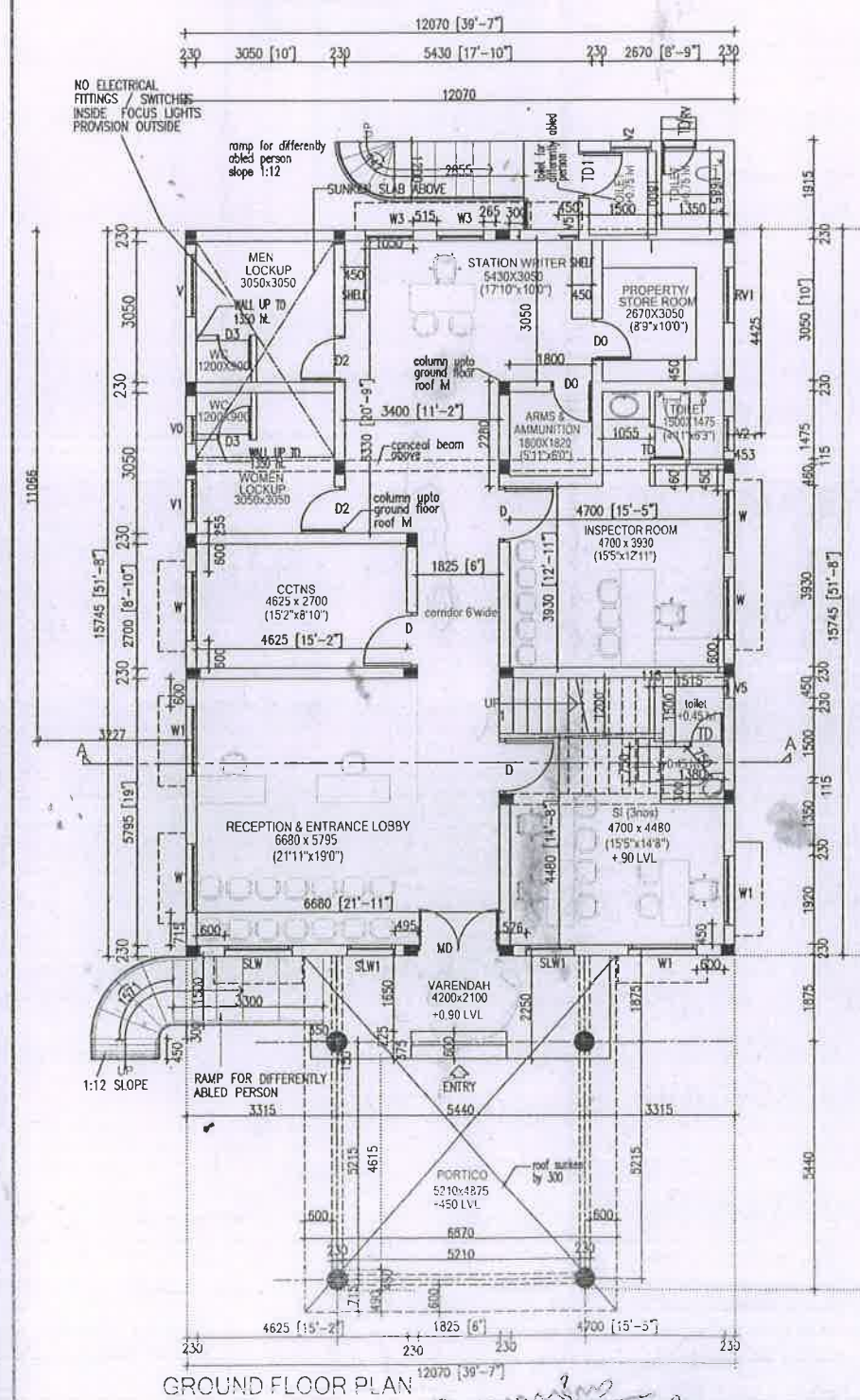
No.	Qty	Description	Rate	Unit	Amount
		<b>Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990. ( PVC Box , Fire Retarded Box) For Coastal only</b>			
	52.000	a. Light point with ceiling rose	1679.00	Each	87308.00
	52.000	b. Light point without ceiling rose	1682.00	Each	87464.00
	4.000	c. Calling bell point with Buzzer/Calling bell	1713.10	Each	6852.40
	23.000	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for <b>Fan point.(PVC Electrical Box )</b>	1734.10	Each	39884.30
	3.000	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for <b>Staircase Light Point.(PVC Electrical Box )</b>	3162.24	Each	9486.72
67.1	27.000	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for <b>5 amps 5 pin plug socket point @ Switch Board Itself.</b>	864.50	Each	23341.50
	18.000	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for <b>5 amps 5 pin plug socket point @ Convenient Places.(PVC Electrical Box )</b>	1161.40	Each	20905.20
	21.547	<b>Fabrication of Mild steel / RTS grills (without cement slurry) for all sizes of rods.(BINDING WIRE insulated with PVC)</b>	90539.80	MT	1950861.07
	351.300	Supply and Laying Rubber Moulded Hyraulic Pressed Paver Block 63 mm thick including labour charges for laying etc ( as per DB/1469/2018)	459.00	Each	161246.70
	351.300	Labour charges for spreading ,watering and consolidation of quarry dust and 3 to 10 mm hbs jelly and conveyance laying of paver blocks including compaction of earth rammer etc complete	160.00	Sqm	56208.00
	351.300	Convyance charges for paver block materials	180.00	Sqm	63234.00

Sl. No.	Qty	Description	Rate	Unit	Amount
21.6		<b>R.C.C.Door frames of size 100 x 75mm with one edge grooves size 't' x 20 mm ( with out M20 or M30 grade old data )</b>			
	5.000	a. 900 x 2100 mm	2912.53	Each	14562.65
	8.000	c. 1200 x 2100 mm	3487.30	Each	27898.40
	2.000	c. 1000 x 2100 mm	2935.91	Each	5871.82
	18.000	9 watts LED bulb qtn	135.00	Each	2430.00
	11.000	12 watts LED Bulb for Bulkhead	170.00	Each	1870.00
	35.000	18 watts LED Tube Light	705.00	Each	24675.00
	11.000	Bulk Head fitting for LED Bulb	529.20	Each	5821.20
	2.000	Supply and fixing of 12W LED dome light with fittings including connection and labour charges etc.	1650.00	Each	3300.00
	1.000	Supply and delivery of single Phase 2HP submersible pumpset with the approved quality etc all complete Duty: 20 lpmx125m (TWAD SR P.NO.100/2022-23)	34926.00	Each	34926.00
	1.000	Labour charges for erection of 3 Phase 2HP submersible pumpset with the approved quality etc all complete (TWAD SR P.NO.308/2022-23)	11056.10	Each	11056.10
	2.000	Labour charges for erection of 3 Phase 2HP openwell submersible pumpset with the approved quality etc all complete (TWAD SR P.NO.308/2022-23)	11056.10	Each	22112.20
	2.000	Supply and delivery of Three Phase 2HP openwell submersible pumpset with the approved quality etc all complete Duty: 75 lpmx60m (TWAD SR P.NO.100/2022-23)	41296.00	Each	82592.00
	1.000	Supply and delivery of single Phase panel board for submersible pumpset (TWAD SR P.NO.114/2022-23)	7635.00	Each	7635.00
	2.000	Supply and delivery of 3 Phase panel board for openwell submersible pumpset (TWAD SR P.NO.114/2022-23)	14832.00	Each	29664.00

No.	Qty	Description	Rate	Unit	Amount
	70.000	Supplying & fixing of 3 core 4 sq.mm submersible cable (TWAD SR P.NO.120/2022-23)	194.00	Rmt	13580.00
	35.000	Supplying & laying of 32mm dia UPVC Pipe.	120.50	Rmt	4217.50
	12.000	Supplying & fixing of 50mm dia UPVC Pipe including labour charges	408.57	Rmt	4902.84
		Supply and delivery of following dia of GI/PVC specials with best approved quality etc all complete			
	2.000	a) 32 mm GI coupling	46.50	Each	93.00
	1.000	b ) 32 mm GI Elbow	87.00	Each	87.00
	2.000	c) 32 mm GI Hex nipple	58.10	Each	116.20
	2.000	d ) 32 mm UPVC FTA	15.00	Each	30.00
	2.000	e) 32 mm UPVC MTA	13.00	Each	26.00
	1.000	a.60 cm size TN Govt Emblem	3500.00	Each	3500.00
		Supplying and fixing of following size of Aluminium die casting letter			
	17.000	a. 30 cm size	700.00	Each	11900.00
	20.000	b.23 cm size	500.00	Each	10000.00
	18.000	Supplying and fixing of pvc name lettering in Tamil etc all complete	6200.00	Each	111600.00
	2.000	Supply of 6 lever lock & key	540.00	Each	1080.00
	9.100	Earth Work Excavation for aboveWater level in light or sandy clayed Soils for Manhole wells, infiltration wells, suction wells etc including levelling the site with an initial lead of 10.00 Mt. (a) first depth 2.00 mt	100.10	Cum	910.91
	2.000	EARTH WORK Sinking well below water level including all incidental charges using special tools and plants such as air compressor, helmet etc complete all including bailing outn water (b) for 1.25 mt dia internal a. first 2.00 depth	1341.00	Rmt	2682.00

Sl. No.	Qty	Description	Rate	Unit	Amount
	2.000	b.second 2.00 depth(TWAD SR-250/22-23)	2688.00	Rmt	5376.00
	20.000	Supplying and fixing of R C C Ring for sinking well to a thickness of 5 cm and 1.25 mt dia as per specification	1350.00	Each	27000.00
	50.100	Supplying and fixing of MS Iron cover with weld mesh	70.15	Kg	3514.52
		<b>Total</b>			<b>14029769.48</b>





JOINERY DETAIL			
MD	DOOR	1825X2100	T.W.FRAMED DOOR WITH T.W. DOUBLE LEAF PANELLED DOOR SHUTTERS WITH BRASS FITTINGS
FV	FRENCH WINDOW	900X2000	T.W. FRAMED GLAZED FRENCH WINDOW WITH MS GRILLS
FD	DOOR	925X2100	T.W. FRAMED DOOR SHUTTERS WITH BRASS FITTINGS
RV	VENTILATOR	1825X750	T.W. FRAMED ventilator
S	DOOR	1200X2100	T.W. FRAMED DOOR WITH BMR SHUTTER
SD	DOOR	900X2100	R.C.C. FRAMED DOOR WITH BMR SHUTTER
D1	DOOR	1000X2100	T.W. FRAMED DOOR WITH BMR SHUTTER
D2	DOOR (LOCK UP)	1000X2100	DOORS WITH IRON BARS & MS PLATS
D3	DOOR (LOCK UP)	750X1350	P.V.C.DOOR WITH P.V.C. FRAME
T0	DOOR (TOILET)	750X2100	P.V.C.DOOR WITH P.V.C. FRAME
W	WINDOW	1350X1350	STEEL FRAMED GLAZED WINDOW WITH MS GRILLS
W1	WINDOW	1500X1350	STEEL FRAMED GLAZED WINDOW WITH MS GRILLS
W2	WINDOW	1200X1350	STEEL FRAMED GLAZED WINDOW WITH MS GRILLS
W3	WINDOW	1050X1350	---
W4	WINDOW	750X1350	---
TW	TOILET WINDOW	750X1350	---
SW	SLIDING WINDOW	1500X1350	UPVC WINDOW WITH SLIDING SHUTTERS
SW1	SLIDING WINDOW	1050X1350	UPVC WINDOW WITH SLIDING SHUTTERS
SW	STAIRCASE WINDOW	2100X1350	STEEL FRAMED GLAZED WINDOW WITH MS GRILLS 750 SLIT FROM LANSING (STAIRCASE LANSING)
RV	VENTILATOR (STORE)	900X 750 800X 750	VENTILATOR WITH IRON BARS AND MS PLAT WITH EXPANDED METAL WELDED ON TO IT
RV1	VENTILATOR (RECORD)	1200X 750 800X LV	---
RV2	VENTILATOR (LOBBY)	750X 750 800X LV	---
V	VENTILATOR (LOCK ROOF LV)	1350X 600	VENTILATOR WITH IRON BARS AND MS PLAT WITH EXPANDED METAL WELDED ON TO IT
V0	VENTILATOR (LOCK)	600X 600	ROOF LV
V1	VENTILATOR (LOCK)	900X 600	---
V2	VENTILATOR (TO)	750X 750	STEEL FRAMED GLAZED VENTILATOR WITH MS GRILLS
V3	VENTILATOR (TO)	450X 750	STEEL FRAMED GLAZED VENTILATOR WITH MS GRILLS
V4	VENTILATOR (TO)	1350X 750	STEEL FRAMED GLAZED VENTILATOR WITH MS GRILLS
V5	VENTILATOR (TO)	450X 750	STEEL FRAMED GLAZED VENTILATOR WITH MS GRILLS
T0	DOOR (TO)	1000X2100	P.V.C.DOOR WITH P.V.C. FRAME (DIFFERENTLY ASKED PERSON)
D0	DOOR (TO)	750X 600	STEEL FRAMED GLAZED VENTILATOR WITH MS GRILLS

FOUNDATION & BASEMENT :	R.C.C COLUMN/BRICK WORK IN C.M 1:5
SUPERSTRUCTURE	: BRICK WORK IN C.M 1 : 6
ROOF	: RCC SLAB WITH SUITABLE REINFORCEMENT AND PROTECTED WITH COOL TILES-SLOPE 1:60
FLOORING	: MORY VITRIFIED TILES FOR ALL ROOMS GRANITE TILES FOR VERANDAH, CORRIDOR, LOBBY & PASSAGE EUROCON TILES FOR RAMP, STEPS,PORTRICO & STAIRCASE ANTISLID CERAMIC WITH GLAZED TILES TO A HEIGHT OF 1500MM FOR TOILETS
CUPBOARD SLAB	: IN RCC/CUDAPPAH
PAINTING	: LIME WHITE WASH 3 COATS FOR CEILING INNER WALL-02D 2 COATS OVER 1 COAT PRIMER WHITE CEMENT. OUTER WALL-PLASTIC EMULSION PAINT TWO COATS OVER 1 COAT PRIMER
JOINERIES	: ENTRANCE MAIN DOOR-TEAK WOOD FRAME WITH TEAK WOOD SHUTTER AND MELAMINE POLISH. INNER DOORS-RCC FRAME WITH BWR SHUTTERS. SOLID PVC DOOR FRAME AND SHUTTER FOR TOILETS. WINDOW-STEEL/ALUMINIUM/ PVC / HALF TURN C/P TAP
PIPES / TAPS	

1. STAIRCASE :- TREAD-300 MM, RISER-150MM. (21KOS)
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 DIVISIONS ARE IN mm.

GROUND FLOOR AREA	=	SO.M 185.72
TOILET AREA	=	6.56
FIRST FLOOR AREA	=	179.46
TOTAL	=	<u>371.74</u> (OR) 4001 SQFT
PORTICO & ENTRANCE VERANDAH(half area)	=	21.54 (OR) 232 SQFT
STAIRCASE HEAD ROOM(HALF AREA)	=	10.73

S NO	218/1A
VILLAGE	MULLAKADU PART I
TOWN / TALUK	THOOTHUKUDI
DISTRICT	THOOTHUKUDI

SCALE: 1:175	DRAWING NO. DD/ 423 /2022	SHEET NO. 01/01
DATE:		

ASST ARCHITECT	AEE / ARCH. SEC.	EE / PLANNING
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SUPDT. ENGINEER (C.C.)	CHIEF ENGINEER	CHARMAN/MO
	TAMILNADU P.O.	CE 501526

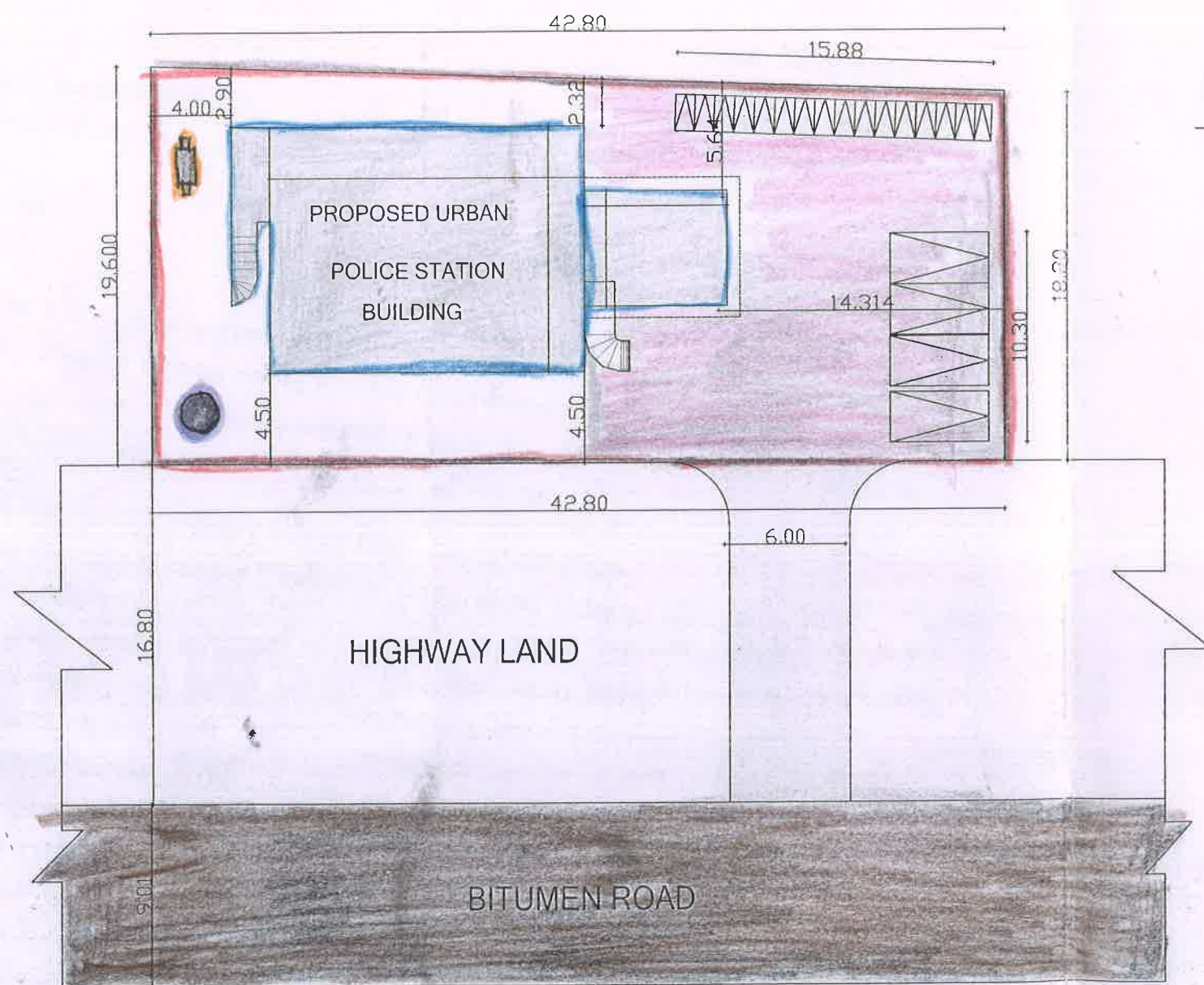
**Chief Engineer**  
**Tamilnadu Police Housing Corporation Ltd.**  
**Chennai - 600 010.**

19/9

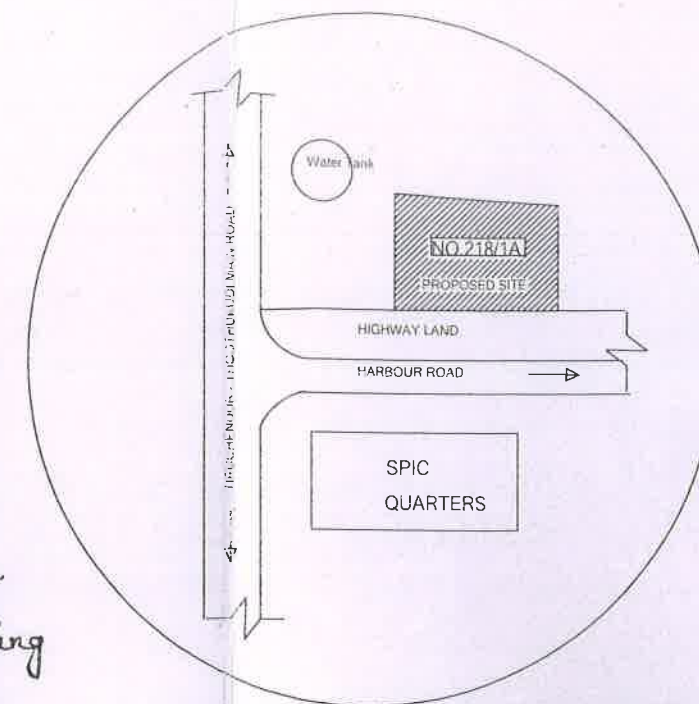


LAYOUT FOR THE WORK OF CONSTRUCTION OF MUTHIAHPURAM POLICE STATION IN  
THOOTHUKUDI DISTRICT

MULLAKADU PART I, VILLAGE NO. 218/15, THOOTHUKUDI CIRCLE



- Site Boundary.
- Proposed Building
- Approach Road
- Sump
- Septic Tank.
- Existing Road
- Paver Block Road.



KEY PLAN

NOT SCALE

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

SITE AREA : 808.92 SQ.M (20 CENTS)

PROPOSED:BUILT UP AREA : 371.74SQ.M (OR)4001SQFT

DRAWING NO. DD/423/2022

URBAN POLICE STATION BUILDING - G+1

S.NO.218/15, MULLAKADU PART I VILLAGE

SUPERINTENDING ENGINEER  
SOUTH CIRCLE  
TAMILNADU POLICE HOUSING CORPORATION LTD.,  
MADURAI-14.

EXECUTIVE ENGINEER  
TAMILNADU POLICE HOUSING CORPORATION  
TIRUNELVELI DIVISION  
TIRUNELVELI

25/04/23

28/07/23

20/08/23

10/08/23

10/08/23

14/08/23

20/08/23