# TAMIL NADU POLICE HOUSING CORPORATION LIMITED No: 132 E.V.R. Salai, Kilpauk, Chennai-10.

Memo No: CE/DB/84/2021



Date: 15.02.2021

Sub: TNPHC -HO/DB - South Circle -Madurai Division Construction of Traffic Police Station Building with development
works at .Paramakudi in Ramanathapuram District - Estimate
Technically Sanctioned - Intimation - Regarding.

Ref: 1. SE's Lr.No. DB/SC/0027/2021, Dt.15.01.2021.

2. EE/ Plg. Note file Dt:15.02.2021.

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The attention of the Superintending Engineer/South Circle is drawn to the reference cited and it is informed that the Chairman and Managing Director/TNPHC has accorded approval for an additional fund of ₹4.56 Lakhs for the work of Construction of Traffic Police Station Building with development works at Paramakudi in Ramanathapuram District by utilizing the savings of ₹4.56 Lakhs available in the work of Construction of New Police station building with development works at Keelakarai in Ramanathapuram Districtas suggested by the Superintending Engineer/South Circle.

The Superintending Engineer /South circle is informed that the the estimate for the above work is technically sanctioned by the undersigned for a value of Rs.69,50,000/- and registered as CER.No.174/2020-2021. The Superintending Engineer / South Circle is requested to depute a person to this office to take copy of the above estimate.

The receipt of the memo should be acknowledged.

Yours faithfully,

SManimala for Chief Engineer/TNPHC

To

The \$uperintending Engineer/South Circle, TNPHC Ltd, Madurai.

Copy to the Executive Engineer/ Mdu Dn., TNPHC Ltd., Madurai.

Copy of the Executive Engineer /Plg/HO TNPHC Ltd., Chennai -10

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Copy to the Executive Engineer/ Mdu Dn., TNPHC Ltd., Madurai.

Copy of the Executive Engineer /Plg/HO TNPHC Ltd., Chennai -10

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### GENERAL ABSTRACT

Name of work: CONSTRUCTION OF TRAFFIC POLICE STATION BUILDING AT PARAMAKUDI IN RAMANATHAPURAM DISTRICT UNDER CM's ANNOUNCEMENT SCHEME

SI.No.	Qty	Description	Rate	Unit	Amount
		BUILDING WORKS	AS PER I	2020-2021	
1	1.00	Main building	5156839.84		5156839.84
		SUB - TOTAL - I Rs.		1	5156839.84
		Development works			II la
2	1.00	Septic tank	160498.87	X	160498.87
3	1.00	Plinth protection	62577.63	4	62577.63
4	1.00	Sullage drain	96824.00	X	96824.00
		SUB - TOTAL - II Rs.			5476740.34
5		GST at 12.0% ( GST at 6% + CGST 6% )			657208.84
		SUB - TOTAL - III Rs.			6133949.18
6		Provision for Soil investigation	LS		25000.0
		SUB - TOTAL - III Rs.			6158949.1
7		Labour Welfare fund @ 1.0%	As pr PWD No	orms	61589.4
8		Unforeseen, contingencies & PS charges @2.5%	As pr PWD No	orms	154540.1
9		Supervision Charges @ 7.5%	÷		461921.1
		SUB - TOTAL - V Rs.			6837000.0
10		Advertisement charges	LS		30000.0
11		Provision for EB Deposits	LS		30000.0
12		Provision for planning permission & payment to other department	LS		30000.0
13	- T	Structural Design / Consultancy charges	LS		23000.0
		GRAND TOTAL Rs.			6950000.0

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#### TAMIL NADU POLICE HOUSING CORPORATION LTD

#### **ABSTRACT**

Name of work: CONSTRUCTION OF TRAFFIC POLICE STATION BUILDING AT PARAMAKUDI IN RAMANATHAPURAM DISTRICT UNDER CM's ANNOUNCEMENT SCHEME

SI. No.	Qty.	Description	Rate	Unit	Amount
1.1		Earth work excavation in all soils (including refilling)			
	143.000	a. 0 to 2 mt.	177.77	Cum.	25421.1
	6.000	b. 2 to 3 mt.	185.87	Cum.	1115.22
1.5		Earth work excavation for Open foundation (excluding refilling)	,	4.	V
	41.000	a. 0 to 2 mt.	84.00	Cum.	3444.00
	4.500	b. 2 to 3 mt.	92.10	Cum.	414.45
1.6		Earth work excavation for Open foundation for drains (excluding refilling) width upto 1.25 m		<b>}</b>	
	7.600	a. 0 to 2 mt.	126.00	Cum.	957.60
2.1.3	24.200	Filling sand	1708.38	Cum.	41342.80
2.6	6.000	Supply and filling of 40 mm HBSJ	1552.26	Cum.	9313.56
2.7	3.000	Supply and filling of 20 mm HBSJ	1946.26	Cum.	5838.78
3.1•\	19.200	C.C.1:5:10 for Foundation & Basement	4517.40	Cum.	86734.08
3.2.)	3.100	P.C.C. 1:2:4 for Foundation & Basement and other similar works	5999.52	Cum.	18598.51
3.3.	2.600	P.C.C. 1:8:16 using 20 mm broken brick jelly	3603.22	Cum.	9368.37
6.5	40.000	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")	5772.49	Cum.	230899.60
9.5.1		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")			
	45.300	a. In Ground Floor	5762.09	Cum.	261022.68
	47.700	b. In First Floor	5881.39	Cum.	/280542.30
	8.000	c. In Second Floor	6000.69	Cum.	48005.52

SI. No.	Qty.	Description	Rate	1	Cement mo
10.		Brick partition work in C.M. 1:4 Kiln Burn 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.)	t 1	1	74.300 a
	38.800	a. In Foundation and basement	686.7	1 Sqm.	
	35.900	b <sub>2</sub> In Ground Floor	693.22	Sqm.	24886
	20.800	c. In First Floor	706.34	Sqm.	14691.8
	58.900	d. In Second Floor	719.46	Sqm.	42376.1
11. <b>%</b> ,	1 10	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") 75 mm tk (B.P.)			
	37.800	a. In Ground Floor	469.10	Sqm.	17731.9
	22.7.00	b. In First Floor	477.45	Sqm.	10838.12
12.1•		Brick partition in C.M. 1:4 using country bricks of size 22 x11x5cm 50 mm thick			
	6.700	a. In Ground Floor	340.81	Sqm.	2283.43
	8.100 🗸	b. In First Floor	346.78	Sqm.	2808.92
13.1	31.100	Filling with Excavated Earth	29.30	Cum.	911.23
21.2		Teak wood Wrought & Put up	- X		V
	0.095	a. T.W. over 2 m & below 3 m	121875.00	Cum.	11578.13
	0.242	b. T.W. below 2 m length.	09675.00	Cum.	26541.35
23.3	12.000	S&F of Magnetic door catches	52.00	Each	624.00
24.0	1190.000	Manufacturing & supply of steel windows (Weight basis)	61.50	Kg.	73185.00
25.0	66.000	M.S.Holdfast	9.60	Each	633.60
26.0	8.600	Flooring in C.C.1:5:10	4517.40	Cum.	38849.64
28.∅	25.100	Floor plastering in C.M. 1:4, 20 mm tk.	411.49	Sqm.	10328.40
30.0	14.000 J	Ellispattern	368.59	Sqm.	5160.26
31.0	1.500	Weathering course	3135.49	Cum.	4703.24
33.∅	1442.600	lastering in C.M. 1:5, 12 mm tk.	203.67	Sqm.	293814.34
34.9	118.100 F	Plastering in C.M. 1:4, 12 mm tk.	209.52	Sqm.	24744.31
35.9		Spl. Ceiling plastering in C.M. 1:3,	/231.17	Sqm.	59410.69

1715764.23

1	si. No.	Qty.	Description	Rate	Unit	Amount
-	36.0		Cement mortar Border in C.M. 1:5, 12 mm tk.	1 2		
		74.300	a. 150 mm wide	63.44	Rmt	4713.59
-		90.300	b. 75 mm wide	41.10	Rmt	3711.33
-		74.300	c. 50 mm wide	30.55	Rmt	2269.87
	37.1	257.000	White washing 3 coats (slaked)	35.14	Sqm.	9030.98
-	39.0	357.000	M.s Grills	54.50	Kg.	19456.50
	40.0	53.000	Painting - New "wood work"	197.58	Sqm.	10471.74
-	41.0	73.700	Painting - New "iron work"	117.35	Sqm,	8648.70
Ī	46.0	5.000	S & F 20 mm dia Alu. Hanger Rod	58.00	Rmt	290.00
	47.0	6.000	S & F Alu Towel rail 75 cm long	95.00	Each	570.00
-	48.0	6.000 🗸	S & F 5 pin Coat stand	55.00	Each	330.00
-	49.0	20.000	S & F chromium plated 8 guage Picture Hook	1.50	Each	30.00
ŀ	50.3	5.000	Supply and planting avenue trees	357.50	Each	1787.50
	50.4	5.000	Providing Tree guard	757.63	Each	3788.15
	50.5,	1.000	Supplying. Fabricating and erection of M.S Scheme Name board	15622.52	Each	15622.52
	52.0		PVC Water supply (ASTM)		×	
ŀ		35.000	a. 32 mm dia	209.32	Rmt	7326.20
		90:000	b. 25 mm dia	192.57	Rmt	17331.30
	59.5	2 5.000	Gully Trap using Kiln burnt country bricks 22 x 11 x 7 cm.	1591.84	Each	7959.20
4	60. <b>∅</b>	10.000	PVC Nahani trap (4way/2way)	136.70	Each	1367.00
Ì			Electrical arrangements			
	69.0	8.000	15 Amp. Power plug	129.00	Each	1032.00
	72.0	12.000	Box type Fibre Fan hook	33.90	Each	406.80
	73.2	1.000	4 way - D.B.	3250.00		3250.00
	74.0	14.000	Charges for fixing of "Fan"	467.00	Each	6538.00
	76.0	10.000	8 SWG wire	J 21.00	Rmt	210.00

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SI. No.	Qty.	Qty. Description		Unit	Amount
77.3	6.000	S&F of TV/Telephone line Socket	76.0	00 Each	456.
77.4	24.000	S&F of 20mm dia PVC pipe for TV/Telephone line	72.0	1 Rmt	1728.
78.0	1.000	Earthing Station IS3043 (Type I)	2588.0	0 Each	2588.
81.0	1.000	Meter cupboard	2211.5	7 Sqm	2211.
86.0	117.100	Anti termite treatment	34.0		3981.
		ANNEXURE			
14.0	2	Precast Cupboard slab 20 mm tk.using standardised concrete mix M20 (annexure)			
	20.400	a. In Ground floor/ stilt floor	1159.50	Sqm.	23653.8
	18.800	b. In First floor	/1163.07	Sqm.	21865.7
14.12	3	Precast cupboard slab 40 mm tkusing standardised concrete mix M20 (annexure)			
	6.800	a. In Foundation & basement	1291.13	Sqm.	8779.6
	0.700	b. In Ground floor/ stilt floor	1294.76	Sqm.	906.3
	2.900	c. In First floor	1301.91	Sqm.	3775.5
4.4		Standardised concrete Mix M20 Grade Concrete	1		
	32.100	a. In Foundation and basement	7151.02	Cum	229547.7
4.1		b. Ground floor/ stilt floor	7240.92	Cum	/234605.8
	24.900	c. In First Floor	7417.92	Cum	184706.2
	8.400	d. In Second Floor	7594.92	Cum	/63797.33
2	51.100	Supplying and filling with well gravel	186.30	Cum	9519.93
8.1	F	ormwork using M.S.Sheet	V		J
		.For Column footings,plinth beam,Grade eam,Raftbeam,Raft slab etc.,	664.30	Sqm	96589.22
	sl	.Plain surfaces such as Roof lab,floorslab,Beams,lintels,lofts,sill ab,staircase,portico slab and other similar works	751.65	Sqm	395518.23
	232.300 c.	For Square and rectangular columns and small uantities	901.98	Sqm	209529.95
.6,2	ec	C.C.Door frames of size 100 x 75mm with one dge grooves size 't' x 20 mm using M20 grade with out vibrating charges)			
	V /	900 x 2100 mm	2204.39 E	Each	6613.17
	6.000 c.	1000 x 2100 mm	2222.38 E	Each	13334.28

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SI. No.	Qty.	Description	Rate	Unit	Amount
3.3	15.200	T.W. frame & TW styles & rails with BWR double leaf shutters for cup board/ ward robes including two coat enamel paint & one coat primer.	3849.81	Sqm	58517.1
99.1		TW panelled single door shutter with brass fittings.			
۳	1.900	a. 1000X2100mm.(Single leaf) For Qtrs	5832.03	Sqm	11080.86
a		TW double leaves shutter with Brass Fittings			
	2.900	a. 1500X2100mm.(Double leaves) with Brass fittings	5673.87	Sqm	16454.2
1.1	11.100	ส์W styles & rails with 9mm thick BWR single leaf shutters with brass screws size of 1000 x 2100		Sqm	34974.6
	5.000	TW styles & rails with 9mm thick BWR single leaf shutters with brass screws size of 900 x 2100 mm	3263.68	Sqm	16318.4
21.5.2	8.900	Supply and Fixing Soild PVC door Shutter with frame	2828.00	Sqm	25169.2
23.2.1	31.000	4mm thick pin headed Glass panels with Aluminium beedings	688.20	Sqm	21334.2
29.8,1	44.800	Glazed tiles using Grout (Tile Joint Filler)	1140.03	Sqm	51073.3
29.9	14.100	Floor ceramic tiles (Anti-skid) using Grout (Tile Joint Filler).	1010.54	Sqm	14248.6
38.6	813.200	One coat white cement for new walls and other similar works.	48.40	Sqm	39358.8
43.0	11.837	Fabrication of Mild steel / RTS grills (without cement slurry) for all sizes of rods.	68782.50	МТ	814178.4
44.6	32.000	PVC SWR 110 mm dia with ISI mark type- A for Rain water down fall pipe	305.34	Rmt	9770.8
50.6	31.500	Precast slab 50 mm tk.in C.C. 1:3:6 with fibre	368.67	Sqm	11613.1
52.4	32.000	20mm dia PVC water supply ASTM pipe (fully consealed in walls)	189.78	Rmt	6072.9
53.4	2.000	6&F of C.I Manhole cover 60 x 60 cm (50kg weight)		Each	3656.0
53.5	4.000	Wash Hand Basin of size 550 x 400 mm (White without Pedestal)	2943.82	Each	11775.2
54.3	1.000	Supplying and fixing of Brass Chromium plated screw down tap 15mm dia (heavy type not less than 430 grms weight) with ISI mark.	202.00	Each	202.0
58.3		PVC SWR pipe (Soil line) with ISI mark - type 'B'.		-II	

		Description	Rate	Unit	Amount
SI. No.	Qty.	S&F of Bevelled edge mirror 500 x 400 x 5.5mm	375.70	Each	1502.80
344.2	~		2007.00	Each	2007.00
71.2		Supplying and fixing of 32 AMPS Triple pole main switch	2001.00		
00.4	1.000	450 x 375 x 20 mm thick TW plank	/1170.00	Each	1170.00
80.1	V	3 Nos.of 32Amps - Fuse Unit	725.00	Each	725.00
72.)	1.000	of Three phase	2870.00	Each	5740.00
87.1	2.000	Supplying and delivery of	190.3	l Sqm	93080.62
	489.100	Plastic Emulsion PAINT including primer for outer walls	190.5	04	
796	040,000	Two coat of OBD over one coat white cement for	98.7	7 Sqm	80319.76
38.4.1	813.200	inner walls	109.7	5 Each	439.00
448.2	4.000	Providing PVC Tee with end cap	1	- 4	95308.84
	67.100	Granite Tiles flooring (Ruby red) using 2'x1', 10mm	1120		
379.5.1	7.100	Providing wooden Melamine polish for new wood	1204.6	S8 Sqm	8553.23
367	7.100	work -	1085.	70 Sqm	98472.99
078.2	90.700	Vitrified Tiles flooring (Ivory)	1261.	54 Sqm	66735.47
3	52.900	Concrete designer tiles flooring	of 6363.	00 Sqm	13362.30
215.3	2.100	Supplying and fixing in position of UPVC window casement type( open) for all sizes SR 2020-2021	p. /		T.J.
		Supply & Fixing of MS door (for lockup door)			14927.40
23.5	2.000	MS door of Size 1000 x 2100mm	7463		100100 00
21.3	137.800	Finshing the top of Terrace floor with one course solar reflective Ceramic tiles with base concrete	of 1444	1.85 Sqm.	199100100
32		UPVC Non Pressure pipe of SN8 SDR 34 ( S 16.5) as per IS 15328/2003			
611.1	64.000	a. 110 mm UPVC Non Pressure pipe	/34	7.52 Rmt	22241.2
		PVC Specials as per IS 10124/1982 Part II			
62.101	5.000	a. 110 mm dia PVC bend (TWAD SR 20-21)	16	60.00 Eac	h 800.0
	5,000	PVC Equal Tee as per BIS 7834/1975	1		
62.2	1	0 a. 110 mm dia PVC Equal tee(TWAD SR 20-2	S 1	99.00 Ead	ch 796.

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SI. No.	Qty.	Description	Rate	Unit	Amount
, 2	2.000	S & F of Indian Water closet white glazed (Oriya type) of size 580 x 440mm with PVC SWR grade 'P' or "S' trap - in G.F.	2839.57	Each	5679.14
, 2	2.000	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.	4413.93	Each	8827.86
7.2	3.000	S & F of E.W.C.(White) 500 mm with PVC SWR grade "P" or "S" TRAP	6100.30	Each	18300.90
.).)	6.000	S & F of 15mm dia half turn CP long body tap	452.00	Each	2712.00
. ~ . }	6.000	S & F of 15mm dia half turn CP short body tap	<b>404.00</b>	Each	2424.00
7.2	1.000	Supply and fixing of 20 Amps DP plug and socket in sheet enclosure with 32 A DP MCB in Flush with wall with earth connection (For AC Plug) Legrand (MDS) / Hager(L& T) Equivalent/ Superior variety Ele SD -140 /2020-2021	1830.00	Each	1830.00
0	22.000	Supply and fixing of 9 watts LED bulb (qtn)	81.00	Each	1782.00
102	20.000	Supply and fixing of 4' 18 watts LED Tube Light	635.00	Each	12700.00
100	7.000	Supply and fixing of Bulk Head fitting suitable for 12W LED Bulb	462.00	Each	3234.00
01	5.000	Supply, fiing of 25W LED street light etc.,	2991.00	Each	14955.00
10 N	7.000	Supply and fixing of 12 watts LED bulb (qtn)	170.00	Each	1190.00
		Total			5476740.34

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are date noted half



# TAMIL NADU POLICE HOUSING CORPORATION LIMITED No. 132 EVR Salai, Kilpauk, Chennai – 600 010.

## Technical sanction slip

Name of work: Construction of Troffic Police Station Building
with development works at Paramakudi i
F.S. Ramanathapuram Dishict.
G.O.MS. NO. 487 Home (pol-x) 7 64.94 Laly
Dept Dt. 07.12. 2020.  LS Provision for Development
Additional fund approved by the \$\ \F 4.56 Late CMD Vide 7.0. Note file No Special provision CA/DB/84/2021 Dt 11.2.2021
/ 11
Total - 7 69.50 Lal
Total Administrative Sanction - ₹
Estimate Sanctioned so for - ₹
Technically sanctioned for Rs. 69, 50, 000 \$
(Rupees Sixtynine lakks and fifty thousand only
only) and registered in CER No. 174 /2020 – 202
R 69,50,000/-
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7/3