

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

Technical sanction slip

Name of work: Construction of 1 No. of Ins, 3 Nos. of SI and 46 Nos. of PC/HC quarters for Thirupathur Nagar Police Station at **Thirupathur** in Sivagangai District under Announcement made by the Hon'ble Chief Minister of Tamil Nadu during Police demand held on 24.03.2020.

F.S.

- ₹ 747.70 Lakhs

G.O.Ms.No.169 Home (Pol-X) Dept, Dt:07.04.2021

LS Provision for Development

- ₹ —

Special provision

- ₹ —

Total

- ₹ 747.70 lakhs

Total Administrative Sanction

- ₹ —

Estimate Sanctioned so for

- ₹ —

Total

- ₹ 747.70 Lakhs

Technically sanctioned for Rs. 7,47,70,000/- (Rupees seven crores forty seven lakhs and seventy thousand only) and registered in CER No. 67/2021 – 2022.

Technically Sanctioned for
Rs. 747,70,000/-

30/7/2021
TA

31/7/2021
JE

31/8/21
HDO

21/2
CE/TNPHC

TAMIL NADU POLICE HOUSING CORPORATION LTD

ABSTRACT

Name of work : Construction of 1 No. Of INS, 3 Nos. Of SI and 46 Nos. Of PC/HC quarters for Thirupathur Nagar Police Station at Thirupathur in Sivagangai District under Announcement made by the Hon'ble Chief Minister Tamil Nadu

Sl. No.	Qty.	Description	Rate	Unit	Amount
1.1		Earth work excavation in all soils (including refilling)			
	1530.600 ✓	a. 0 to 2 mt.	177.77	Cum.	272094.76
	488.900 ✓	b. 2 to 3 mt.	185.87	Cum.	90871.85
• 2.1.3	116.100 ✓	Filling sand	1614.43	Cum.	187435.34 ✓ 32
• 3.1.1	135.300 ✓	C.C.1:5:10 for Foundation & Basement	4319.82	Cum.	584471.64 ✓
• 6.5.1	65.300 ✓	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")	5732.15	Cum.	374309.40 ✓
7.2	88.700 ✓	Supply and fixing of Bituminous filler pad, 20 mm tk. for expansion joint	705.00	Sqm.	62533.50 ✓
9.6.1		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")			
	178.400 ✓	a. In Ground Floor	5721.75	Cum.	1020760.21 ✓
	176.000 ✓	b. In First Floor	5841.05	Cum.	1028024.81 ✓
	191.400 ✓	c. In Second Floor	5960.35	Cum.	1140811.00 ✓
	219.500 ✓	d. In Third Floor	6079.65	Cum.	1334483.18 ✓
	45.000 ✓	e. In Fourth Floor	6198.95	Cum.	278952.75 ✓
10.6.1		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.)			
	510.400 ✓	b. In Ground Floor	689.72	Sqm.	352033.09 ✓
	510.400 ✓	c. In First Floor	702.84	Sqm.	358729.54 ✓
	542.300 ✓	d. In Second Floor	715.96	Sqm.	388265.10 ✓
	404.900 ✓	e. In Third Floor	729.08	Sqm.	295204.49 ✓

7768980.64 ✓

Sl. No.	Qty.	Description	Rate	Unit	Amount
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.)			
	156.900 ✓	a. In Ground Floor	466.87	Sqm.	73251.90 ✓
	156.900 ✓	b. In First Floor	475.22	Sqm.	74562.02 ✓
	156.900 ✓	c. In Second Floor	483.57	Sqm.	75872.13 ✓
	121.000 ✓	d. In Third Floor	491.92	Sqm.	59522.32 ✓
12.1		Brick partition in C.M. 1:4 using country bricks of size 22 x 11 x 5 cm 50 mm thick			
	44.200 ✓	a. In Ground Floor	338.76	Sqm.	14973.19 ✓
	38.200 ✓	b. In First Floor	344.73	Sqm.	13168.69 ✓
	39.000 ✓	c. In Second Floor	350.70	Sqm.	13677.30 ✓
	27.500 ✓	d. In Third Floor	356.67	Sqm.	9808.43 ✓
13.1	287.300 ✓	Filling with Excavated Earth	29.30	Cum.	8417.89 ✓
21.2		Teak wood Wrought & Put up			
	1.574 ✓	a. T.W. over 2 m & below 3 m	121875.00	Cum.	191831.25 ✓
	0.626 ✓	b. T.W. below 2 m length.	109675.00	Cum.	68656.55 ✓
23.3	150.000 ✓	S&F of Magnetic door catches	52.00	Each	7800.00 ✓
24.0	13478.400 ✓	Manufacturing & supply of steel windows (Weight basis)	61.50	Kg.	828921.60 ✓
25.0	900.000 ✓	M.S. Holdfast	9.60	Each	8640.00 ✓
26.0	56.700 ✓	Flooring in C.C. 1:5:10	4319.82	Cum.	244933.80 ✓
28.0	356.200 ✓	Floor plastering in C.M. 1:4, 20 mm tk.	409.42	Sqm.	145835.41 ✓
30.0	238.600 ✓	Ellis pattern	364.44	Sqm.	86955.39 ✓
31.0	22.700 ✓	Weathering course	3098.94	Cum.	70345.94 ✓
33.0	16935.500 ✓	Plastering in C.M. 1:5, 12 mm tk.	202.36	Sqm.	3427067.78 ✓
34.0	625.300 ✓	Plastering in C.M. 1:4, 12 mm tk.	208.20	Sqm.	130187.46 ✓
35.0	3879.300 ✓	Spl. Ceiling plastering in C.M. 1:3, 10 mm tk.	230.23	Sqm.	893131.24 ✓

14216540.93

Sl. No.	Qty.	Description	Rate	Unit	Amount
36.1		Cement mortar Border in C.M. 1:5, 12 mm tk.			
	584.000 ✓	a. 150 mm wide	63.24	Rmt	✓ 36932.16
	2068.000 ✓	b. 75 mm wide	41.01	Rmt	✓ 84808.68
	824.300 ✓	c. 50 mm wide	30.48	Rmt	✓ 25124.66
37.1	3879.300 ✓	White washing 3 coats (slaked)	35.14	Sqm.	✓ 136318.60
39.0	1197.500 ✓	M.s Grills	54.50	Kg.	✓ 65263.75
40.0	509.100 ✓	Painting - New "wood work"	197.58	Sqm.	✓ 100587.98
41.0	1206.600 ✓	Painting - New "iron work"	117.35	Sqm.	✓ 141594.51
46.0	106.700 ✓	S & F 20 mm dia Alu. Hanger Rod	58.00	Rmt	✓ 6188.60
47.0	101.000 ✓	S & F Alu Towel rail 75 cm long	95.00	Each	✓ 9595.00
48.0	100.000 ✓	S & F 5 pin Coat stand	55.00	Each	✓ 5500.00
49.0	516.000 ✓	S & F chromium plated 8 guage Picture Hook	1.50	Each	✓ 774.00
50.3	16.000 ✓	Supply and planting avenue trees	353.94	Each	✓ 5663.04
50.4	16.000 ✓	Providing Tree guard	757.63	Each	✓ 12122.08
50.5.1	1.000 ✓	Supplying. Fabricating and erection of M.S Scheme Name board	15526.49	Each	✓ 15526.49
52.0		PVC Water supply (ASTM)			
	308.500 ✓	a. 32 mm dia	209.32	Rmt	✓ 64575.22
	2127.800 ✓	b. 25 mm dia	192.57	Rmt	✓ 409750.45
52.1	196.000 ✓	G.I Pipe 20mm dia for Hot water line (Fully Concealed in walls)	269.92	Rmt	✓ 52904.32
59.5.2	45.000 ✓	Gully Trap using Kiln burnt country bricks 22 x 11 x 7 cm.	1588.44	Each	✓ 71479.80
60.1	248.000 ✓	PVC Nahani trap (4way/2way)	136.70	Each	✓ 33901.60
		Electrical arrangements			
69.0	196.000 ✓	15 Amp. Power plug	129.00	Each	✓ 25284.00
72.0	302.000 ✓	Box type Fibre Fan hook	33.90	Each	✓ 10237.80
73.1	50.000 ✓	6 way - D.B.	4016.00	Each	✓ 200800.00

15731473.67

Sl. No.	Qty.	Description	Rate	Unit	Amount
74.0	207.000 ✓	Charges for fixing of "Fan"	467.00	Each	✓ 96668
76.0	110.000 ✓	8 SWG wire	21.00	Rmt	✓ 2310.0
77.3	146.000 ✓	S&F of TV/Telephone line Socket	76.00	Each	✓ 11096.00
77.4	1709.000 ✓	S&F of 20mm dia PVC pipe for TV/Telephone line	72.01	Rmt	✓ 123065.09
78.0	8.000 ✓	Earthing Station IS3043 (Type I)	2588.00	Each	✓ 20704.00
81.0	15.000 ✓	Meter cupboard	2211.57	Sqm	✓ 33173.55
86.0	932.800 ✓	Anti termite treatment	34.00	Sqm.	✓ 31715.20
		ANNEXURE			
67.1	8.800 ✓	Brick work in C.M. 1:5 using Fly Ash bricks of size 23 x 11 x 7 cm in Foundation and Basement	5980.43	Cum.	✓ 52627.78
97.1		Brick work in C.M. 1:6 using Fly Ash bricks of size 23 x 11 x 7 cm			
	26.600 ✓	a. In Ground Floor	5970.02	Cum.	✓ 158802.53
	6.200 ✓	b. In First Floor	6089.32	Cum.	✓ 37753.78
107.1		Brick partition work in C.M. 1:4 using Fly Ash bricks of size 23 x 11 x 7 cm 110 mm tk (B.P.)			
	67.000 ✓	b. In Ground Floor	752.74	Sqm	✓ 50433.58
	8.700 ✓	c. In First Floor	765.86	Sqm	✓ 6662.98
117.1		Brick work in C.M. 1:4 using Fly Ash bricks of size 23 x 11 x 7 cm 70 mm tk (B.P.)			
	15.000 ✓	a. In Ground Floor	506.98	Sqm	✓ 7604.70
142.2		Precast Cupboard slab 20 mm tk.using standardised concrete mix M20 (annexure)			
	192.500 ✓	a. In Ground floor / still floor	1155.67	Sqm.	✓ 222466.48
	180.500 ✓	b. In First floor	1159.24	Sqm.	✓ 209242.82
	180.500 ✓	c. In Second floor	1162.81	Sqm.	✓ 209887.21
	138.500 ✓	d. In Third floor	1166.38	Sqm.	✓ 161543.63
142.3		Precast cupboard slab 40 mm tk using standardised concrete mix M20 (annexure)			

17167232.00

Unit	Each	Amount	No.	Qty.	Description	Rate	Unit	Amount
✓ 966	✓ 2310	✓ 11096.0		20.400 ✓	a. In Foundation & basement	1283.50	Sqm.	✓ 26183.40
✓ 123065.09	✓ 20704.00	✓ 33173.55		14.300 ✓	b. In Ground floor/ still floor	1287.13	Sqm.	✓ 18405.96
✓ 15.20				13.600 ✓	c. In First floor	1294.28	Sqm.	✓ 17602.21
				13.600 ✓	d. In Second floor	1301.43	Sqm.	✓ 17699.45
				10.500 ✓	e. In Third floor	1308.58	Sqm.	✓ 13740.09
16.1.1					Precast Jally ventilator 50mm tk.using standardised concrete mix M20 (annexure)			
				29.000 ✓	a. In Ground Floor	2312.73	Sqm.	✓ 67069.17
				30.000 ✓	b. In First floor	2319.39	Sqm.	✓ 69581.70
				28.000 ✓	c. In Second floor	2326.05	Sqm.	✓ 65129.40
				24.200 ✓	d. In Third floor	2332.71	Sqm.	✓ 56451.58
				10.500 ✓	e. In Fourth floor	2339.37	Sqm.	✓ 24563.39
4.4.1					Standardised concrete Mix M20 Grade Concrete			
				357.400 ✓	a. In Foundation and basement	6961.85	Cum	✓ 2488165.20
8.4.1				246.100 ✓	b. Ground floor/ still floor	7051.75	Cum	✓ 1735435.69
				227.300 ✓	c. In First Floor	7228.75	Cum	✓ 1643094.89
				225.200 ✓	d. In Second Floor	7405.75	Cum	✓ 1667774.90
				196.300 ✓	e. In Third floor	7582.75	Cum	✓ 1488493.83
				68.500 ✓	f. In fourth floor	7759.75	Cum	✓ 531542.88
35.1.1				252.400 ✓	Plastering with CM 1:3, 12mm with WPC	226.33	Sqm	✓ 57125.70
18.1					Formwork using M.S.Sheet			
				1278.500 ✓	a. For Column footings, plinth beam, Grade beam, Raft beam, Raft slab etc.,	664.30	Sqm	✓ 849307.55
				6956.400 ✓	b. Plain surfaces such as Roof slab, floorslab, Beams, lintels, lofts, sill slab, staircase, portico slab and other similar works	751.65	Sqm	✓ 5228778.08
				2831.800 ✓	c. For Square and rectangular columns and small quantities	901.98	Sqm	✓ 2554226.96
				384.500 ✓	d. Vertical wall	826.82	Sqm	✓ 317912.29

36105516.27

Sl. No.	Qty.	Description	Rate	Unit	Amount
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)			
	100.000 ✓	a. 900 x 2100 mm	2197.43	Each	219743.00
99.1		TW panelled door shutter with brass fittings.			
	92.500 ✓	TW Single leaf door shutter of size 1000X2100mm	5552.86	Sqm	513639.55
23.1.1	164.400 ✓	TW styles & rails with 9mm thick BWR single leaf shutters with brass screws size of 900 x 2100 mm	3263.68	Sqm	536548.99
21.5.2	157.600 ✓	Supply and Fixing Solid UPVC door Shutter with frame	2828.00	Sqm	445692.80
23.2.1	387.500 ✓	4mm thick pin headed Glass panels with Aluminium beddings	688.20	Sqm	266677.50
29.8	1583.100 ✓	Glazed tiles using Grout (Tile Joint Filler)	1139.02	Sqm	1803182.56
29.9	278.900 ✓	Floor ceramic tiles (Anti-skid) using Grout (Tile Joint Filler).	1008.56	Sqm	281287.38
38.6	11395.000 ✓	One coat white cement for new walls and other similar works.	48.40	Sqm	551518.00
43.0	141.180 ✓	Fabrication of Mild steel / RTS grills (without cement slurry) for all sizes of rods.	68782.50	MT	9710713.67
44.6	441.200 ✓	PVC SWR 110 mm dia with ISI mark type- A for Rain water down fall pipe	305.34	Rmt	134716.01
52.4	525.500 ✓	20mm dia PVC water supply ASTM pipe (fully consealed in walls)	189.78	Rmt	99729.39
53.4	50.000 ✓	S&F of C.I Manhole cover 60 x 60 cm (50kg weight)	1828.00	Each	91400.00
53.5	100.000 ✓	Wash Hand Basin of size 550 x 400 mm (White without Pedestal)	2943.82	Each	294382.00
58.3		PVC SWR pipe (Soil line) with ISI mark - type 'B'.			
	509.000 ✓	a. 110 mm dia.	610.45	Rmt	310719.05
	969.000 ✓	b. 75 mm dia.	497.65	Rmt	482222.85
58.4	256.000 ✓	Supplying, Laying & Concealing the 50mm dia PVC (SWR) pipe with ISI mark type - 'B' with relevant specials.	81.20	Rmt	20787.20

51868475.90

Unit	Am	No.	Qty.	Description	Rate	Unit	Amount
219743.00	04.1			Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990.(Ordinary)			
			340.000 ✓	a. Light point with ceiling rose	1340.00	Each	455600.00 ✓
			514.000 ✓	b. Light point without ceiling rose	1344.00	Each	690816.00 ✓
			50.000 ✓	c. Calling bell point with Buzzer/Calling bell	1372.00	Each	68600.00 ✓
65.1			201.000 ✓	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for Fan point.	1398.00	Each	280998.00 ✓
66.1			39.000 ✓	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for Staircase Light Point.	2506.00	Each	97734.00 ✓
67.1			264.000 ✓	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for 5 amps 5 pin plug socket-point @ Switch Board Itself.	688.00	Each	181632.00 ✓
68.2			248.000 ✓	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for 5 amps 5 pin plug socket point @ Convenient Places.	932.00	Each	231136.00 ✓
75.1.2			201.000 ✓	Supply and delivery of 48" (1200 mm) Fan with ISI mark with Eletronic Dimmer	1284.00	Each	258084.00 ✓
77.6			808.000 ✓	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.	219.00	Rmt	176952.00 ✓
77.5			564.000 ✓	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.	172.00	Rmt	97008.00 ✓
77.7			951.000 ✓	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.	187.00	Rmt	177837.00 ✓
105.1			500.000 ✓	4 x 4 Sq mm copper PVC insulated unsheathed single core cable for 3 phase EB service connection	221.00	Rmt	110500.00 ✓
112.1			50.000 ✓	S & F of Exsaust Fan 225mm dia	1768.00	Each	88400.00 ✓
44.2.1				Rain water harvesting using defunct borewell and providing perforated cover slab			

548
54783772.90 ✓

Sl. No.	Qty.	Description	Rate	Unit	Amount
	16.000 ✓	a). Providing pit (M20)	1798.33	Each	28573.28
	48.000 ✓	b) Augering 30cm dia	403.11	Rmt	19349.28
344.2	100.000 ✓	S&F of Bevelled edge mirror 500 x 400 x 5.5mm	375.70	Each	37570.00
383.0	50.000 ✓	S&F of Cuddapah sink 600 x 600 x 200mm	1000.00	Each	50000.00
383.2	239.800 ✓	Providing single nosing to the edges of Granite slab (PWD SRP-42)	191.90	Rmt	46017.62
71.2	58.000 ✓	Supplying and fixing of 32 AMPS Triple pole main switch	2007.00	Each	116406.00
80.1	58.000 ✓	450 x 375 x 20 mm thick TW plank	1170.00	Each	67860.00
87.1	50.000 ✓	Supplying and delivery of Three phase ELCB/RCCB	2870.00	Each	143500.00
796	4136.000 ✓	Plastic Emulsion PAINT including primer for outer walls	190.31	Sqm	787122.16
38.4.1	11395.000 ✓	Two coat of OBD over one coat white cement for inner walls	98.77	Sqm	1125484.15
448.2	150.000 ✓	Providing PVC Tee with end cap	109.75	Each	16462.50
367	236.400 ✓	Providing wooden Melamine polish for new wood work	1204.68	Sqm	284786.35
378.2	2078.800 ✓	Vitrified Tiles flooring (Ivory)	1083.72	Sqm	2252837.14
379.6.1		S & F of Granite tile of size 2'x 1', 10mm Thick For (jet black)			
	39.500 ✓	a. In Ground floor	1025.55	Sqm	40509.23
	37.200 ✓	b. In First floor	1027.32	Sqm	38216.31
	37.200 ✓	c. In Second floor	1029.09	Sqm	38282.15
	29.000 ✓	c. In Third floor	1031.04	Sqm	29900.16
61.1.1		UPVC Non Pressure pipe of SN8 SDR 34 (S 16.5) as per IS 15328/2003			
	192.000 ✓	a. 110 mm UPVC Non Pressure pipe	347.52	Rmt	66723.84
	110.000 ✓	b. 160 mm UPVC Non Pressure pipe	574.83	Rmt	63231.30
62.1.1		PVC Specials as per IS 10124/1982 Part II			
	28.000 ✓	a. 110 mm dia PVC bend (TWAD SR 20.-21 P-19 S.No-4)	160.00	Each	4480.00

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87.2	
100	
102	
104	
103	
101	
56.4.3	
158 ✓	

26

11/8/2021

TAMIL NADU POLICE HOUSING CORPORATION LIMITED

No: 132 E.V.R. Salai, Kilpauk, Chennai-10.

Memo No: CE/DB/1022/2021

Date. 02.08.2021.

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sanctioned – Intimation - Reg.

Ref: SE's Lr.No.DB/SC/1806/2021, Dt:08.07.2021.

With reference to the above, it is hereby informed that the estimate submitted by the Superintending Engineer/South Circle for the above work is technically sanctioned by the undersigned for **Rs.7,47,70,000/-** in anticipation of financial sanction from the Government and registered vide **CER.No: 67 / 2021-2022** and also the above work should be completed with in the approved Fund.

The Superintending Engineer/South Circle is requested to depute a person to this office to take a copy of the above estimate.

The receipt of the memo should be acknowledged.

Sd/...

Chief Engineer/TNPHC

To
The Superintending Engineer/South Circle
TNPHC Ltd., Madurai.

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

/Forwarded / By Order/

Sd/Manimala
2/8/2021
Junior Engineer
02/8/2021

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No. 132 EVR Salai, Kilpauk, Chennai – 600 010.

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