TAMIL NADU POLICE HOUSING CORPORATION LTD

ABSTRACT

Name of work:- Construction of Permanent Building for Fire and Rescue Service Station with development works at Kallikudi in Madurai District

SI. No.	Qty.	Description	Rate (CS sand)	Unit	Amoun(2022-2023
1.1		Earth work excavation in all soils (including refilling)			The second secon
/	285.80	a. 0 to 2 mt,	224.82	Cum.	64253.56
1.5	,	Earth work excavation for Open foundation (excluding refilling)			
-	194.100	a. 0 to 2 mt.	106.25	Cum.	20623.13
~	14.900	b. 2 to 3 mt.	116 45	Cum	1735 11
1.6		Earth work excavation for Open foundation for drains (excluding refilling) width upto 1.25 m			
	16.200 /	a. 0 to 2 mt.	159.38	Cum.	2581.96
2.1.3	73.800	Filling C.S. sand	1498.11	Cum.	110560.52
2.6	/11.600	Supply and filling of 40 mm HBSJ	1205.45	Cum.	13983.22
2.7	5.800 /	Supply and filling of 20 mm HBSJ	1618.45	Cum.	9387.01
3.1.1	79.100 <	C.C.1:5:10 for Foundation & Basement	4511.33	Cum.	356846.20
3.2 -	21.100	P.C.C. 1:2:4 for Foundation & Basement and other similar works	6057.21	Cum.	127B O 7.13
6.g.)	81.700	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	6454.83	Cum.	5273 <i>5</i> 9.61
7.2	12.200	Supply and fixing of Bituminous filler pad, 20 mm tk. for expansion joint	719.00	Sqm.	8771.80
9.6.		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			
. /	75.100	a. In Ground Floor	6457.15	Cum.	484931.9
•	23.600/	b. In First Floor	6608.05	Cum.	155949.98
10.6		Brick partition work in C.M. 1:4 Kiln Burnt Country bricks of size 22 \times 11 \times 7 cm (8 3/4" \times 4 1/4" \times 2 3/4") 110 mm tk (B.P.) with admixture			1. (-61,0,0
-/	159,700	a. In Foundation and basement	781.58	Sqm.	12481 8.33
1	164.000	b. In Ground Floor	789.81	Şqm.	12952 8.84

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Oty	Description	Rate (CS sand)	Unit	Amount 2022-2023
Qty.	c In First Floor	806 41	Sqm	19515 12
24.200 /	Brick work in C.M. 1:4 Kiln Burnt Country bricks of			
	Brick work in C.M. 1:4 Kim Burit Goding 5 or 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			12272.21
30.300	a. In Ground Floor	537.04	Sam.	16272.31
,)	Brick partition in C.M. 1:4 using country bricks of size 22 x11x5cm 50 mm thick			
6.900	a. In Ground Floor	389.30	Sqm.	2686 17
2	Teak wood Wrought & Put up			
0.095	✓ a. T.W. over 2 m & below 3 m	124580.00	Cum.	11835.10
0.045	b. T.W. below 2 m length.	112380.00	Curt.	5057.10
.3 5.000	S&F of Magnetic door catches	52.00	Each	260.00
.0 1054.2	Manufacturing & supply of steel windows (Weighbasis)	nt 69.60	Kg	73372.32
30.00	00 M.S.Holdfast	9.60	Each	288.00
19.80	Flooring in C.C.1:5:10	4511.33	Cum.	59324.33
51.60	Floor plastering in C.M. 1:4, 20 mm tk.	484.48	Sqm.	24999.17
36.2	00 Ellispattern	425.05	Sqm.	15386.81
4	00 / Weathering course	3705.64	Cum.	87823.67
	Pressed tiles (23cmx23cmx20mm) mixed w Water proofing compound	ith 1146.88	3 Sqm.	348880.90
. 1	600 Plastering in C.M. 1:5, 12 mm tk.	237.7	5 Sqm.	564798.90
- 4	Plastering in C.M. 1:4, 12 mm tk.	243.8	4 Sqm.	43159.68
	Spl. Ceiling plastering in C.M. 1:3, 10 mm tk.	273.1	7 Sqm.	108994.83
6. q	Cement mortar Border in C.M. 1:5, 12 mm tk.			
253.4		76.2	1 Rmt	19311.61
149.9	900/ b. 75 mm wide	49.6	66 Rmt	7444.03
239.	200 / c. 50 mm wide	36.9	98 Rm	t \$845.62
7.1 288.0	600 White washing 3 coats (slaked)	43.0	03 Sqm	12418.46
915.	000 M.s Grills	70.	15 Kg	64187.25
0.0 20.8	Painting - New "wood work"	225.	95 Sqm	1 4699.76
1.0 84.2	Painting - New "iron work"	133.	84 Sqn	1 11269.33
3.0 / 8.0	00 / S & F 20 mm dia Alu. Hanger Rod	50	.00 ' Rn	nt 464.00

2022-195/5/22

47.0	Qty.	Description	Rate (CS sand)	Unit	Amo unt 2022-2023
48.0	/12.000/	S & F Alu Towel rail 75 cm long S & F 5 pin Coat stand	95.00	Each	760.00
19.0	10.000		55.00	Each	660.00
50.2-1	/34.100/	S & F chromium plated 8 guage Picture Hook	1.50	Each	15.00
50.3	5.000	Providing precast Kerb stone in C.C. 1:3:6, 450 x 300 x 150 mm	248.63	Rmt	8478.28
50.4	5.000	Supply and planting avenue trees	356.35	Each	1781.75
50.5	1.000	Providing Tree guard	862.73	Each	4313.65
52.0	1.000	Supplying. Fabricating and erection of M.S Scheme Name board	18641.09	Each	18641.09
	6.50.00	PVC Water supply (ASTM)			
\	50.000	a. 32 mm dia	244.08	Rmt	12204.00
\	92.600	b. 25 mm dia	225.77	Rmt	20906.30
52.1	2.000	G.I Pipe 20mm dia for Hot water line (Fully Concealed in walls)	302.81	Rmt	605.62
53.3	5.000	C.I. Steps (5 kg)	30.00	Each	150.00
55.2	2.000	Flat Back Urinal	2133.25	Each	4266.50
59.5	8.000	Gully Trap using Kiln burnt country bricks 22 x 11 x 7 cm.	1904.29	Each	15234.32
50.0	8.000,	PVC Nahani trap (4way/2way) Electrical arrangements	160.00	Each	1280.00
69.0	5.000	15 Amp. Power plug	enderna vara essaberna corpus esperante esta de des consumeros		
2.0	12.000	Box type Fibre Fan hook	150.00		750.00
3.1	1.000		33.90	Each	406.80
_	/	6 way - D.B.	4212.00		421 2.00
74.0	8.000 €	Charges for fixing of "Fan"	571.00		4568.00
76.0	20.000	8 SWG wire	26.30		526.00
77.3	4.000	S&F of TV/Telephone line Socket	77.01		308.0
7.4	20.000	S&F of 20mm dia PVC pipe for TV/Telephone line	85.69		171 3.80
0.8	1.000	Earthing Station IS3043 (Type I)	2921.60	Each	292 1.60
36.0	257,000	Anti termite treatment ANNEXURE	34.00	Sqm.	8738.0
14.5	2	Precast Cupboard slab 20 mm tk.using standardised concrete mix M20 (annexure)	The state of the s	indi Staddersoner nightu, maa, agabiis d	dere i me americalente amprimente la companie de la

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				4		Todo Supply a
No.	Qty.	Description	Rate (CS sand)	Unit	Amount %	1
1	18.800	a. In Stilt / Ground Floor	1403.11	Sqm	26378.47	_
14.	3	Precast cupboard slab 40 mm tkusing standardised concrete mix M20 (annexure)			3	
\	11.300	a. In Foundation & basement	1540.54	Sqm.	17408.10	
	1.200	b. In Stilt / Ground Floor	1545.13	Sqm.	1854.16	
44	-	Standardised concrete Mix M20 Grade Concrete				
-	90.400	and pasement	7503.72	Cum	678336.29	l All
8.4		b. Stilt / Ground Floor c. In First Floor	7617.32	Cum	306216.26	/
- 1	36.10		7841.12	Cum	361475.63	
2.1.	264.30		262.53		9477.33	
11.	A / 693.20	/	462.26	0 01111	122175.52	
-3.4	, /		448.38	Jan	310017.02	5
18.		Formwork using M.S.Sheet	ng 5404.89	9 Cum	808571.54	
	551.1	beam,Raftbeam,Raft slab etc.,	de 809.3	5 Sqm	446032.79	
	562.2	slab,floorslab,Beams,lintels,lofts,sill slab,staircase,portico slab and other similar works	1	IO Sqm	509015.88	
	222.9	quantities quantities	nall 1086.4	18 Sqm	242176.39	
	106.7	The state of the s	995.9	94 Sqm	106266.80	
24	1.90		1358.1	10 Sqm		
21.		R.C.C.Door frames of size 100 x 75mm with edge grooves size 't' x 20 mm using M20 grad with out vibrating charges)	one de (
	3.00		2648.	.35 Eac	ch 7945.05	
.3.	53.3	T.W. frame & TW styles & rails with BWR do leaf shutters for cup board/ ward robes incluted coat enamel paint & one coat primer.	ouble 4173.	.90 Sqr	m 222468.87	,
99		TW panelled single door shutter with west be fittings.				
	5.80	a 1000X2100mm.(Single leaf) For Qtrs	6607	7.18 Sa	gm 38321.64	ř



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	Qty.	Description	Rate (CS sand)	Unit	Amount 2022-2023
<u> </u>	1.00	Supply and Fixing Soild UPVC door Shutter with	3325.00	Sqm	15960.00
1	, ,	4mm thick plain Glass panels with Aluminium beedings	824.60	Sqm	17976.28
	1.400	Glazed tiles using Grout (Tile Joint Filler), C.M 1:2, 10mm tk	1327.87	Sqm	47139.39
	20.708	Floor ceramic tiles (Anti-skid) using Grout (Tile Joint Filler).	1168.15	Sqm	13316.91
		Fabrication of Mild steel / RTS grills (without cement slurry) for all sizes of rods.	87298.50	МТ	1807777.34
1	58.400	PVC SWR 110 mm dia with ISI mark type- A for Rain water down fall pipe	335.61	Rmt	22955.72
V	41.100	Precast slab 50 mm tk.in C.C. 1:3:6 with fibre	385.22	Sqm	15832.54
1	30.000	20mm dia PVC water supply ASTM pipe (fully consealed in walls)	222.98	Rmt	6689.40
53.4	3.000	S&F of C.I Manhole cover 60 x 60 cm (50kg weight	1864.00	Each	5592.00
53.5/	4.000	Wash Hand Basin of size 550 x 400 mm (White without Pedestal)	3255.82	Each	13023.28
58.3		PVC SWR pipe (Soil line) with ISI mark - type 'B'.			
X	12.000		696.55	Rmt	8358.60
X	21.000		579.25	Rmt	12164.25
58.4	16.000	Supplying, Laying & Concealing the 50mm dia PVC (SWR) pipe with ISI mark type - 'B' with relevant specials.	114.45	Rmt	1831.20
58.5	1.000	PVC(SWR) pipe with ISI mark - type 'A' for Ventilating shaft with cowl	454.00	Each	454.00
64.)		Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990.			
	38.000	. A	1630.00		619 40 .00
/	8.000	Pattern Europe to	blacy		13064.00
/	1.000	c. Calling bell point with Buzzer/Calling bell Wiring with 1.5 sqmm PVC insulated single core	1670.00 1705.00		1364 0.00
65.1	8.000	multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for Fan point.			
66.1	1.000	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.			305 2.00
67.1	9.000	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	1	Each	751 5.00

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. No.	Qty.	Description	Rate (CS sand)	Unit	Amount & 2022-2023
8.2	11.000	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.	1133.00	Each	12463 00
77.5		Supply and delivery of 48" (1200 mm) Fan with ISI mark with Eletronic Dimmer	1552.70	Each	12421.60
	130.000		208.00	Rmt	8320.00
112.1	4.000	with ISI mark confirming IS: 694:1990	226.00	Rmt	29380.00
44.2		Rain water harvesting using defunct borewell and providing perforated cover also	2149.15	Each	8596.60
	8.000	a). Providing pit (M20)	1949.11	Each	4
344.	2 / 4.000	7 Magering Social dia	461.20	Rmt	15592.88 11068.80
71.2	1	Supplying and fixing of 32 AMPS Triple pole main switch	398.30 2159.00	Each	1593.20
80.1	1.00	450 x 375 x 20 mm thick TW plank	1309.00	Each	2159.00
9.1	1/100	- Fuse Unit	825.00	Each	1309.00
87.	7 2.00	0 / Supplying and delivery of Three phase	550.00	Each	825.00 550.00
85	. W	Supply of G.I pipe 40mm dia 'B' Class	3000.50	-4011	6137.00
96.	730 7	Providing two coats of Plastic Emulsion PAIN including primer for inner walls			10296.00 259152.13
79	· /	Providing two coats of Exterior Emulsion PAIN including primer for outer walls Providing PVC Tee with end cap	T 223.96	Sqm	163647.57
36	7 /16.4	00 / Providing wooden Melamine notish for an	132.70		530.80
78.	2,100.	100 Vertified tile flooring IVORY	1385.99 1211.59	Oqui	22730.24
61.	14	Concrete designer tiles flooring	1441.5	- dill	121280.16 34884.78
44	0.0	Circular shape of 90mm dia, 60cm depth us Standardized Mix design M20	ing	3 Each	10977.84
22	.9/58	Supplying and fixing of solid core flush door shu of thickness 35mm	tter		
-	4	i. door size 0.900 m x 2.100 (Single Leaf) 800 Providing additional strutting to centering	3068	54 Sqm	17797.53

UPVC Non (S 16.5) as

40.000 Ja. 110 mm UF

Amoun: 2022-2023 2022-2463 00	*					
1	SI. No.	Qty		1		
	61.1.1		Description UPVC Non Pressure pipe of SN8 SDR 34 (S 16 5) as per IS 15326/2000	Rate (CS sand)	Unit	Amo unt 2022-2023
	1	40 000	13328/2003			
	'		a 110 mm UPVC Non Pressure pipe	474.30	Rmt	18972 00
6	2.1.)	1	PVC Specials as per IS 10124/1982 Part II	/ to/ =		
	1	2 000	a 110 mm dia PVC bend (TWAD SR 21-22.)	175.20	E	
6	2.2.1	2.000	a. 110 mm dia PVC Equal tee (TWAD SR 21-22)		Each	350.40
		1.000	S & F of Indian Water closet at a	197.50	Each	395.00
1	5.3.3	/2.000	P' or "S' trap - in G,F.		Each	3223.28
4		6.000	S & F of E.W.C.(White) 500 mm with PVC SWR	6876.30	Each	13752.60
5		/	S & F of 15mm dia half turn CP long body tap	480.00	Each	2880.00
	5 A 12.	8.000	S & F of 15mm dia half turn CP short body tap	432.00	Each	2592.00
	1001		Supply and fixing of 9 watts LED bulb (PWD SR-2022-23/p-115)	135.00	Each	1080.00
	1024	29.000	Supply and fixing of 4' 18 watts LED Tube Light	690.00	Each	20010.00
	1031	7.000	Supply and fixing of Bulk Head fitting suitable for 12W LED Bulb	517.00	Each	3619.00
	1011	6.000	Supply, fling of 25W LED street light etc.,	3367.00	Each	
roi see	104/	The second secon	Supply and fixing of 12 watts LED bulb (qtn)	170.00	Each	20202.00
41	101.2	1.000	Supply and fixing of 80W LED focus light fitting with	14064 00	Each	1190.00
3	8.4.2	800.400	Providing one coat of Wallputty for new plastered surface	91.11	Sqm	72924.44
1/	101.5	/ 2.000/	Supply and fixing of ornamental gate light for compound wall	1200.00	Nos	2400.00
		/	UG Cable arrangements			
	114		Supply and delivery of 4 core 16 sq.mm pvc armoured it UG cable (PWD SR - 22-23)		Rmt	1438 1.20
	115	70.000	Labour charge for laying of 4 core 16 sq.mm, pvc armoured UG cable including fixing on below	259.00	Rmt	18130.00
		8.500	Labour charge for laving of 4			
	116/		ground level micidaling fixing on above	755.55	Rmt	141 1.00
1	24		Supplying and fixing of following dia of GI pipe a) 50 mm dia GI pipe "B" class (AGL) (PWD SR - 22-23)		Rmt	16406.50
	122		Supplying and delivery of the following GI Pipe specials (PWD SR - 22-23)			
	1	5.000 🗸	a) 50 mm dia G.I Bend (PWD SR)	116.50		
			and desired to the second seco	116.30	Nos	58 1.50

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				3	o. Qty.
SI. No. Qty.	Description	Rate (CS sand)	Unit	Amount 2022-2023	SI. No.
12.000	b) 50 mm dia G I Coupling (PWD SR)	69.80	Nos	837	7
126. 3.000	nuts etc. (TWAD SR - 22-23) 5000	© 237.00	Nos KWED LA	711.	15
117 /3.000	armoured UG cable gland set with bolts and nutreetc. (PWD SR - 22-23)	48.45	Nos	145.	35
1.000	Disconnector Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break (PWD SR-22-23)	e võ	Nos	3625	00
1.00	Supply and fixing of TNEB meter board suitable for 3 phase 100A service connection made up of suitable angle iron frame work of size 2 feet x 1-1/2 feet using angle iron of size 1-1/2" x 1-1/2" x 1/4" with the suitable angle iron of size 1-1/2" x 1-1/2" x 1/4" with the size 2 feet x 1-1/2 feet of 12mm thickness with necessary bolts and nuts supports and supply an angle of 3 Nos. 100A fuse units (500V), 1 Notes that of size 1" x 1/4" with the suitable of the support o	of (2) (3) (4") (6) (6) (6) (6) (6) (6) (6) (6) (6) (6	Nos Electronics Region	5503	.00
250.0	the required depth as may directed by departmental officers etc.,		Rmt	6 8750	1.0 0
133	slotted and plain pipe of 6 kg / cm2 in clud labour charges for erection of pipe inside borewell etc., (TWAD SR - 22-23)	ling the	So Rmt	T375	
135/1.0	covering the borewell etc., (PWD SR - 22-23)			144	1.30
119 1.0	(3 Phase) of best approved brand suitable borewell with ISI Mark etc., all complete (150x100) (TWAD SR - 22-23)		Nos	~ 400/	9.00
20/	Labour Charges for erretion of 3 HP Submer pumpset (3 Phase) for Borewell (TWAD SR 23)	- 22-	.10 Nos	1207 1103	6.10
1.0	Supplying and Fixing of (3 Phase) Panel boar Submersible Motor with the following access (TWAD SR - 22-23)	d for distance or distance dis		s 1514	7.00
275.	Supply and Delivery of 3 core of 6 sq mm flat copper cable confirming to IS suitable submersible cable (TWAD SR - 22-23)	type for	1.00 Rm		75.00
250.	Supply and delivery of 32mm dia UPVC pipe approved superior quality with ISI mark (TWAI 22-23)	best of 13	0.10 Rr	mt 325	25.00
125	Supply and delivery of Water Supply PVC 10kg/cm2 Working Pressure (PWD SR - 22-2				

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SI. No.	Qty.	Description a) 32mm dia	Rate (CS sand)	Unit	Amount 2022-2023
	50.000	b) 50mm dia	64.75	Rmt	1295.00
****	250.000		151.90	Rmt	7595.00
2+	2.000	Supply and Delivery of Nylon rope for tieing of submersible motor pump etc., all complete (PWD SR - 22-23)	61.80	Rmt	15450.00
119.1		Supply and Delivery of 2 HP Monoblock Pump set of best approved brand suitable for borewell with ISI Mark etc., all complete (Duty 250x20) (TWAD SR - 22-23)	21377.00	Nos	42754.00
0.1	2.000	Labour Charges for erretion of 2 HP upto 3 HP Monoblock Pump set for pump room (TWAD SR - 22-23)	8131.20	Nos	16262.40
1.0	2.000	Supplying & Fixing of DOL Starter Monoblock Pump set (TWAD SR - 22-23)	5641.00	Nos	11282.00
24	/ 20 000/	Supply and delivery of GI pipe best approved superior quality with ISI mark (PWD SR - 22-23)	***************************************	ALRO-	<i>y</i> .
	72.400	a) 25 mm dia G.I pipe	128.00	Rmt	2560.00
-	20.000	b) 40 mm dia G.I pipe.	163.00	Rmt	11801.20
	78.50		209.00	Rmt	4180.00
122	5.000	Supply and delivery of following dia G.I & PVC specials. a) 50mm x 32mm G.I Reducer			
	6.000 +	in District	137.00	Nos	685.00
	3.000	c) 50 mm dia G.I Gate valve.	69.80	Nos	418.80
/	1.000	d) 50 mm dia Non return valve.	1241.00	Nos	3723.00
	3.000	e) 50 mm dia G.I Union.	2498.00	Nos	2498.00
	5.000	f) 50 mm dia G.I Hex Nipple.	266.30	Nos	798.90
	/ 1.000	g) 50 mm dia Foot valve.	87.00	Nos	435.00
	3.000	h) 50 mm dia G.I Tee	461.00	Nos	461.00
•	/ 2.000	I) 32 mm G.I Union	139.80	Nos	419.40
		j) 32 mm dia G.I Elbow	127.50	Nos	255.00
- Y		k) 32 mm dia G.I Hex Nipple.	87.00	Nos	
4	,	I) 25 mm dia G.I Coupling	58.10	Nos	
		m) 50 mm dia PVC Coupling.	28.60	Nos	
		n) 50 mm dia PVC Bend	14.25	Nos	
1		o) 32 mm dia PVC Coupling.	36.00	Nos	
		p) 32 mm dia PVC Coupling.	7.00	Nos	
Y		F, did 1 V.O Belld	17.10	Nos	

CRR in 144/2022.22 Kalli Kudi Fre Status

No. Qty.	Description	Rate (CS sand)	Unit	Amount 2022-2023
120.000	Labour charge for laying of G.I pipe and PVC pipe below ground level	60.70	Rmt	9684 00
	Numbering and lettering arrangements	(*)		
1.000	Moulding and Fixing of aluminium diecasting for TNPHCL LOGO EMBLEM Size of 1'6" etc.,(Qtri)	2400.00	Nos	2400.00
1.000	Moulding and Fixing of Tamilnadu Government EMBLEM Size 2' etc.,(Qtn)	4500.00	Nos	4500.00
30	Supplying, Moulding and Fixing of aluminium Letters			
23.000	a) 12" height letters	700.00	Nos	16100.00
16.000	b) 9" height letters	500,00	Nos	00.0008
30.\\\0.380	Supply & Fixing of Plastic Name board for all rooms	6200.00	Sqm	2356.00
	Total			11532554 98
				11537554.96

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