

Name of work: Special Repair works for 1 No SI and 18Nos PC/HC Qtrs Unoccupied Qtrs at
Vedacholam Virudhunagar District.

ABSTRACT ESTIMATE

S.No	Quantity	Description of Work	Rate	Per	Amount
1	34.00m ²	Dismantling the Existing pressed tiles and weathering course etc... PWD SR P-22/2022-23	39.70	Sqm	1373.62
2	4.90m ³	Dismantling and clearing away carefully stacking material in brick work etc... PWD SR P-22/2022-23	295.50 321.25	Cum	1449.95 1574.13
3	4.40m ³	Dismantling the RCC etc... PWD SR P-22/2022-23	6380.00	Cum	28072.00
4	55.40m ²	Form work using MS sheet			
	55.40m ²	b.plain surface such as roof slab,beams,lintels etc....	905.40	Sqm	50450.78 50406.42
5	4.90m ³	Standardised concrete mix m-20 grade etc.... d.Second floor	8512.65	Cum	41711.99
6	0.129mt 1.05	Fabrication of Mild steel / RTS grills	87298.50	MT	63640.61 91663.43
7	5.70m ³	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") C.Second floor	6910.23	Cum	39291.72 39388.38
8	36.00	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990. (Open wiring) a.Light pont with ceiling rose	895.00	Each	32220.00
	60.00	b.Light point without ceiling rose	896.35 897.00	Each	53781.00 53820.00
9	24.00	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 .(Open	982.5 982.00	Each	23571.60 23568.00
10	36.00	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.(Open wiring)	689.16 690.00	Each	24807.76 24840.00
11	54.00	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.(Open wiring)	835.00	Each	45090.00
12	47.00	S & F of 18watts LED tube light fitting etc...	670.21 690.00	Each	31448.82 32430.00
13	77.00	S & F of 9w LED bulb etc....	135.00	Each	10395.00
14	24.00	Supply and delivery of 48" (1200 mm) Fan with ISI mark with Eletronic Dimmer	1552.70	Each	37264.80 37264.80
15	24.00	Charges for fixing of "Fan"	571.00	Each	13704.00
16	28.80m	PVC SWR 110 mm dia Rain water pipe	335.61	Rm	9665.57
17		PVC Water supply (ASTM)			0.00
	34.80m	a. 32mm Dia	243.38	Rm	8469.62
	51.30m	b.25mm dia	227.45 225.77	Rm	11787.76 11582.00
	19.50m	c.20mm dia	227.05 220.98	Rm	4386.07 4309.11
18	32.00	S & F 15mm dia half turn CP long body etc...	480.00 300.00	Each	9600.00
19	16.00	S & F 15mm dia half turn CP short body etc...	431.00 250.00	Each	4000.00
20	12.00	HDPE water tank 700 lit capacity with ISI mark etc....	7035.00	Each	84420.00

640245.81

21	20.50 m ²	Supply and Fixing Solid UPVC door Shutter with frame etc...	3325.00	X	Sqm	68162.50
22	5.00 m ²	S & F of Indian Water closet white glazed (Oriya type) of size 580 x 440mm - in G.F.	3244.84 3275.67	X	Each	16226.20 16378.35
23	7.00 m ²	Supplying and fixing of street light fittings etc.	3366.47 346.00	X	Each	25566.09 20622.00
24	2.80 m ²	Weathering course	3757.61	X	Cum	10521.31
25	34.60 m ²	Pressed tiles mixed with water proofing compound etc.	1155.07	X	Sqm	39965.42
26	149.10 m ²	Pointing with cm 1:3 for pressed tiles etc....	301.10	X	Sqm	44894.01
27	70.60 m ³	Earth work excavation in all soils (including refilling)	224.82	X	Cum	15872.29
28	3.60 m ³	Supplying & filling with sand in layer 150mm	2010.21	X	Cum	7236.76
29	3.80 m ³	P.C.C 1:5:10 using 40mm Jelly in foundation	4958.87	X	Cum	18843.71
30	15.10 m ³	Brick work C.M 1:5 in foundation and basement	6606.71	X	Cum	99761.32
31	5.80 m ³	Plain Cement Concrete 1:2:4 in F&B	6504.74	X	Cum	43280.81
32	2.30 m ³	Standardised concrete MIX M20 Grade Concrete F & B	7951.45 495.75 251.01	X	Cum	18288.90 26239.79
33	0.80 m ²	Plastering in CM 1:4, 20mm tk including etc.,	251.01	X	Sqm	200.81
34	2.30 m ²	40mm tk Precast Slab for Inlet & Outlet chamber and manhole cover	1554.12	X	Sqm	3574.48
35	9.50 m ³	Filling with excavation earth in layers of 150mm tk.	36.95	X	Cum	351.03
36	0.20 m ³	C.C. 1:8:16 using 20mm broken brick jelly for bedding and connecting etc	4297.93	X	Cum	859.59
37	14.40 m ²	S & F 40mm jelly	1446.66	X	Cum	20831.90
38	7.20 m ²	S & F 20mm jelly	1859.66	X	Cum	13389.55
39	2.00 m ²	Stoneware Tee 100mm	131.00	X	Each	262.00
40	51.00 m ²	Supply and Laying Loose jointing S.W pipe 100 mm dia	547.76	X	Rmt	27935.76
41	14.90 m ²	Ellis Pattern	430.84	X	Sqm	8573.72
42	1.00 m ²	Supplying & fixing 110mm dia PVC SWR pipe for ventilating shaft of 3M length with cowl	454.00	X	Each	454.00
43	277.80 m ²	Painting one coat of old iron work etc.	86.47 87.98	X	Sqm	24440.84
44	168.00 m ²	Supplying and fixing of MS grill etc....	70.15	X	Kg	11785.20
45	5.90 m ²	Supplying and fixing of cuddappah slab 40mm tk for sunshade etc.... B.In First floor	1998.74	X	Sqm	11792.57
46	37.90 m ²	Chipping and removal of unsounded area of the existing damaged roof slab including tools ,plants and scaffolding etc	125.00	X	Sqm	4737.50
CER NO.52/2022-23						
47	37.90 m ²	Supplying and applying of rust remover work to the corroded rod surface area etc	65.00	X	Sqm	2463.50
CER NO.52/2022-23						
48	37.90 m ²	Supplying and applying a coating of congressive nito prime zincien fosroc 1 lit /1800 or equivalent etc	297.00	X	Sqm	11256.30
CER NO.52/2022-23						
49	369.30 m ²	Clean Removal of old plastering surface etc...	7.30	X	Sqm	2695.89
PWD SR P-25/22-23						
50	134.40 m ²	Spl. Ceiling plastering in C.M. 1:3, 10 mm tk.	278.29 277.79	X	Sqm	37402.18 54919.08
51	410.20 m ²	Plastering in C.M. 1:5, 12 mm tk.	244.92	X	Sqm	102327.38

12132.42

352544 26

52	197.70	White washing 3 coats (slaked)	43.03	X Sqm	8507.03
53	2736.60	white washing two coat for old wall	31.89	X Sqm	87270.17
54	4.20	Painting - New "iron work" <i>two coat</i>	133.84	X Sqm	562.11
55	230.50	Painting two coat of old wall surface OBD <i>using floor</i>	123.40	X Sqm	28443.70
56	1120.00	One coat white cement <i>Primer using</i> for new walls and other similar works.	58.70	X Sqm	65744.00
57	1063.10	One coat of mat paint etc. <i>ind. floor by Scrapping</i>	87.24	X Sqm	92744.84
58	237.80	Two coat of mat paint etc.	158.07	X Sqm	37589.05
59	5.70	Supplying and fixing of 4mm tk pin heded glass etc ...	880.20	X Sqm	5017.14
60	66.20	Precast slab 50 mm tk.in C.C. 1:3:6 with fibre	407.60	X Sqm	26983.12
SUB TOTAL - I					1664922.50
Add for State Government Service Tax @ 9%					149843.03
* Add for Central Government Service Tax @ 9%					149843.03
SUB TOTAL - II					1964608.56
Labour Welfare Fund @ 1%					16649.23
Supervision Charges @ 7.5%					147345.64
GRAND TOTAL					2128603.43
			Say	Rs.	21,28,700/-

P.G. Srinivas
26/4/23

R.D.
26-4-23

R
27/04/23
TA

28/04/23
80

28/4/23
EXECUTIVE ENGINEER
TAMIL NADU POWER GENERATION CORPORATION LTD.
THERMAL POWER DIVISION
THERMAL POWER SECTION

Say Rs. 21,28,700/-