

NAME OF WORK: PROVIDING SPECIAL REPAIR WORKS FOR FIRE AND RESCUE SERVICE STATION BUILDING AT RAMANATHAPURAM IN RAMANATHAPURAM DISTRICT.

ABSTRACT

NO	DESCRIPTION OF WORK	Unit	QTY	RATE	AMOUNT
	Chipping and Roughening the existing damaged cement flooring	Sqm	162.51	31.70	5151.57
	Dismantling the existing damaged pressed tiles & weathering coarse	Sqm	465.70	36.10	16811.77
	clean removal of damaged cement plastered surfaces	Sqm	203.10	6.65	1350.62
	Dismantling the existing RCC cover slab SOR 2021-22 pg No : 22	cum	2.69	5800.00	5602.00
	Dismantling of Brick wall	cum	16.45	221.90	3650.26
					0.00
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") in First Floor	cum	0.20	6323.03	1264.61
7	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.) First Floor	Sqm	16.45	761.35	12524.21
8	Thorough scrapping of old painted surface (SR 2021-22 p.no:30)	Sqm	792.00	3.65	2890.80
10	Earth Work Excavation for foundation and basement (Including Refilling)				0.00
	a. 0 to 2 mt.	cum	27.10	204.40	5539.24
11	Earth work excavation for Open foundation (excluding refilling)				0.00
	a. 0 to 2 mt.	cum	35.95	96.60	3472.77
	b. 2 to 3 mt.	cum	3.20	105.90	338.88
12	Supplying and filling <sup>m. Sand</sup> stone dust	Cum Sqm	5.10	1992.05	10160.56
13	Plain cement concrete 1:5:10 for foundation and basement etc all complete.	cum	4.90	5038.93	24690.76

IO	DESCRIPTION OF WORK	Unit	QTY	RATE	AMOUNT
4	P.C.C. 1:8:16 using 20 mm broken brick jelly	cum	0.20	3953.46	790.69
5	M30 Grade Standardised design mix concrete Foundation & Basement	cum	8.30	8389.45	69632.44
5	B.W IN C.M(1:5) using kiln burnt country bricks. Bricks of size 23x11x7 cm (In F&B)	cum	15.20	6189.35	94078.12
7	B.W IN C.M(1:6) using kiln burnt country bricks. Bricks of size 23x11x7 cm (In Ground Floor)	cum	18.10	6185.83	112027.24
8	Brick partition in C.M. 1:4 using country bricks of size 22 x 11 x 5 cm 110 mm thick				0.00
	For Foundation & Basement	Sqm	4.20	738.78	3102.88
	In Ground Floor	Sqm	5.40	746.26	4029.80
9	Filling with Excavated Earth	cum	8.30	33.60	277.87
0	Supply and filling of 40 mm HBSJ	cum	2.70	1753.60	4734.72
1	Supply and filling of 20 mm HBSJ	cum	1.80	2156.60	3881.88
2	Precast cupboard slab 40 mm tk using standardised concrete mix M30 (annexure) a. In Foundation & basement	Sqm	4.50	1462.72	6582.24
23	Formwork using M.S. Sheet				0.00
	a. For Column footings, plinth beam, Grade beam, Raft beam, Raft slab etc..	Sqm	21.30	739.38	15748.79
	b. Plain surfaces such as Roof slab, floor slab, Beams, lintels, lofts, sill slab, staircase, portico slab and other similar works	Sqm	32.40	831.23	26931.85
	c. For Square and rectangular columns and small quantities	Sqm	5.00	997.48	4987.40
24	Floor plastering in C.M. 1:4, 20 mm tk.	Sqm	8.60	458.16	3940.18
25	Plastering in C.M. 1:4, 12 mm tk.	Sqm	39.60	232.96	9225.22
26	Supplying and filling with gravel	cum	4.70	820.34	3855.60
27	Flooring in C.C. 1:5:10	cum	0.60	5038.93	3023.36



	DESCRIPTION OF WORK	Unit	QTY	RATE	AMOUNT
	Standardised concrete Mix M30 Grade Concrete				0.00
	b. In Ground Floor	cum	4.60	8492.75	39066.65
	Fabrication of Mild steel / RTS grills (without cement slurry) for all sizes of rods.	MT	1.29	78398.00	101133.42
	Anticorrosive treatment for steel grills	MT	1.29	4403.50	5680.52
					0.00
1	Precast cupboard slab 40 mm tk using standardised concrete mix M30 (annexure) in b. Ground Floor	Sqm	43.20	1466.89	63369.65
2	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.) in Ground Floor	Sqm	24.00	506.20	12148.80
					0.00
3	Plastering with CM 1:3, 12mm with WPC	Sqm	31.40 31.34	251.44	7895.22 7880.13
4	Ceiling Plastering in C M 1:3 , 10mm thick for ceiling surfaces	Sqm	69.80	256.99	17937.90
5	Plastering in C.M. 1:5, 12 mm tk.	Sqm	390.70	226.95	88669.37
6	One coat white cement for new walls and other similar works.	Sqm	390.70	53.72	20988.40
					0.00
7	Two coat of OBD over one coat white cement for inner walls	Sqm	430.80 429.85	109.44	47059.20 47042.78
8	Plastic Emulsion PAINT including primer for outer walls	Sqm	487.60	206.91	100889.32
9	White washing 3 coats (slaked)	Sqm	406.80	39.22	15954.70
					0.00
40	Supply and Fixing Soild UPVC door Shutter with frame PWD 5R 21-22	Sqm	6.30	3167.00	19952.10
41	4mm thick pin headed Glass panels	Sqm	5.40	708.10	3823.74
42	painting two coat for <u>old</u> Wood	Sqm	37.90	144.25	5467.08
43	painting two coat for old iron work	Sqm	20.70	125.87	2605.51
44	Floor ceramic tiles (Anti-skid) using Grout (Tile Joint Filler).	Sqm	5.80 5.76	1101.57	6389.11 6345.04
45	Supplying and fixing of vitrified tiles	Sqm	162.60	1159.53	188539.58

	DESCRIPTION OF WORK	Unit	QTY	RATE	AMOUNT
	Glazed tiles using Grout (Tile Joint Filler)	Sqm	<del>24.00</del> 155.30	1241.16 P-11	<del>29787.84</del> 192752.15
	Precast Jally ventilator 50mm tk.using standardised concrete mix M30 (annexure) without vibrating charges	Sqm	<del>0.40</del> 0.36	2611.20 P-12	<del>940.03</del> 1044.48
	Electrical Item				0.00
	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)				0.00
	a. Light point with ceiling rose	Each	<del>19.00</del>	830.11 P-11	15772.09
	b. Light point without ceiling rose	Each	<del>21.00</del>	833.16 P-12	17496.36
	c. Calling bell point.	Each	<del>2.00</del>	871.29 P-13	1742.58
9	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)	Each	<del>12.00</del>	638.45 P-14	7661.40
50	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	Each	<del>12.00</del>	764.91 P-14	9178.92
					0.00
51	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 wiring)	Each	<del>9.00</del>	917.46 P-15	8257.14
52	Supplying & Fixing of 9 watts LED bulb qtn	Each	<del>25.00</del>	<del>81.00</del> 125.00 134.00	<del>2025.00</del> 3125.00 3350.00
53	Supplying & Fixing of 18 watts LED Tube Light	Each	<del>30.00</del>	<del>635.00</del> 600.00 666.00	<del>19050.00</del> 18000.00 19980.00
54	Supply and delivery of 48" (1200 mm) Fan with ISI mark with Eletronic Dimmer	Each	<del>11.00</del>	1438.00 1437.40 P-15	15811.40



	DESCRIPTION OF WORK	Unit	QTY	RATE	AMOUNT
0	Charges for fixing of "Fan"	Each	11.00	520.80	5728.80
5	Supplying & Fixing of Street lights	Each	6.00	2774.30	16645.80
7	32 amps triple pole main switch 3 phase.	Each	1.00	2083.67	2083.67
3	450X375X20 mm thick TW plank	Each	2.00	770.34	1540.68
				1242.25	0.00
9	Supplying and delivery of Three phase ELCB/RCCB	Each	1.00	1858.00	1858.00
0	Run of 2 Wires of 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS:	Rmt	123.00	192.58	23687.34
					0.00
1	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	Rmt	168.00	209.78	35243.04
	Water Supply arrangements				0.00
2	PVC Water supply (ASTM)				0.00
	a. 32 mm dia	Rmt	63.60	225.97	14371.69
	b. 25 mm dia	Rmt	35.00	208.73	7305.55
	c. 20mm dia PVC water supply ASTM pipe (fully consealed in walls)	Rmt	8.80	205.94	1812.27
63	S & F of Indian Water closet white glazed (Oriya type) of size 580 x 440mm - in G.F.	Each	1.00	3080.45	3080.45
64	S & F of E.W.C.(White) 500 mm with PVC SWR grade "P" or "S" TRAP	Each	1.00	6501.30	6501.30
					0.00
65	PVC SWR pipe (Soil line) with ISI mark - type 'B'.				0.00
	a. 110 mm dia.	Rmt	29.00	657.29	19061.41
	b. 75 mm dia.	Rmt	10.00	541.42	5414.20
66	PVC(SWR) pipe with ISI mark - type 'A' for Ventilating shaft with cowl	Each	1.00	450.10	450.10

	DESCRIPTION OF WORK	Unit	QTY	RATE	AMOUNT
0	S & F of 15mm dia <del>Engineering</del> <sup>body tap</sup> <del>Polymer</del> Tap (long body) for coastal <del>area only</del>	Each	3.00	480.00 231.00	1440.00 693.00
3	S & F of 15mm dia <del>Engineering</del> <sup>half long</sup> <del>Polymer</del> Tap short body tap <del>for coastal area only</del>	Each	3.00	432.00 220.00	1296.00 660.00
	Supplying, Laying & Concealing the 50mm dia PVC (SWR) pipe with ISI mark type - 'B' with relevant specials.	Rmt	8.40	114.45 81.20	961.38 682.08
	Wash Hand Basin of size 550 x 400 mm	Each	1.00	3104.82	3104.82
1	Weathering course	cum	2.70	3356.50	9062.55
2	Pressed tiles (23cmx23cmx20mm) mixed with Water proofing compound	Sqm	24.20	1084.92	26255.06
3	PVC SWR 110 mm dia with ISI mark type- A for Rain water down fall pipe	Rmt	31.80	326.29 321.74	10376.02 10231.33
	Sub Total-I				Rs. 14,62,148.78
	GST @ 12%				Rs. 1,75,457.85
	Sub Total-II				Rs. 16,37,606.63
	Labour welfare fund @ 1%				16,376.07
	Contingency & Petty supervision Charge @ 2.5%				40,940.17
	TNPHC supervision charges @ 7.5%				1,22,820.50
	Sub Total-I				Rs. 18,17,743.36
	Say In Lakhs Rs.				Rs. 18,17,800/-

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