

**Name of work: Providing Special Repair works for 5 Nos INS, 8 Nos SI, 24 Nos PC/HC Quarters
at Church Hill Ooty in the Nilgiri District**

Abstract

Sl. No.	Description	Rate	Unit	Total Qty. (Building)	
				Qty	Amount
1.1	Earth work excavation in all soils (including refilling)				
	a. 0 to 2 mt.	314.74	Cum.	98.75	31080.58
1.5	Earth work excavation in all soils (OPEN FOUNDATION)				
	a. 0 to 2 mt.	148.75	Cum.	222.23	33057.01
1.6	Earth work excavation for Open foundation for drains (excluding refilling) width upto 1.25 m				
	a. 0 to 2 mt.	223.13	Cum.	34.10	7608.73
2.1	Filling sand	2310.93	Cum.	17.81	41149.58
3.1	C.C.1:5:10 for Foundation & Basement	6456.90	Cum.	76.07	491176.38
3.2	P.C.C. 1:2:4 for Foundation & Basement and other similar works	8002.77	Cum.	40.07	320695.00
3.1	P.C.C 1:3:6 using 20mm gauge HBS Jelly for Foundation etc., complete	7350.45	Cum.	121.70	894549.77
6.2	Brick work in C.M. 1:5 (F& B) using Fly ash t bricks of size 23 x 11.0 x 7.0 cm (9" x 4 1/2"x 3")	8664.04	Cum.	17.35	150316.76
9.2	Brick work in C.M. 1:6 using Flyash bricks of size 23 x 11.0 x 7.0 cm (9" x 4 1/2"x 3")				
	a. In Ground Floor/Stilt floor	8696.27	Cum.	3.63	31570.88
10.2	Brick partition work in C.M. 1:4 Flyahs bricks of size 23 x 11.0 x 7.0 cm (9" x 4 1/2"x 3") 114 mm tk (B.P.)				
	a. In Foundation and basement	1097.58	Sqm.	255.92	280887.18
13.1	Filling with Excavated Earth	51.73	Cum.	74.24	3840.67
22.2	Teak wood "Window" & Ventilator Shutter				
	a. Window: 135 cm ht.	4068.02	Sqm.	36.80	149703.14
	Supplying and fixing of TW Swing type ventilater	3196.84	Sqm.	6.00	19181.04
	Chipping of concrete and rougheing of surface including cost of materials and labours etc., completed PWD SOR 2022-23 p-	48.79	Sqm.	441.25	21528.59
28.0	Floor plastering in C.M. 1:4, 20 mm tk.	663.64	Sqm.	423.90	281317.00
	Dismantling and clearing away the Pressed tiles etc., PWD SR 2022-23	30.80	Sqm.	369.35	11375.98
32.1	Pressed tiles (23cmx23cmx20mm) mixed with Water proofing compound	1465.46	Sqm.	369.35	541267.65
	Providing Polymer Coating (Water Proof Coating) for over roof pressed tiles area. PWD SR 2022-23	329.00	Sqm.	698.35	229757.15
	Clean removal of the old cement plastering both inside and outside from the existing walls of brick masonry without damaging the existing structure and surroundings and clearing the debries away from the site including all cost etc., PWD SR 2022-23	13.58	Sqm.	152.65	2072.99
33.0	Plastering in C.M. 1:5, 12 mm tk.	325.90	Sqm.	425.55	138686.75
34.0	Plastering in C.M. 1:4, 12 mm tk.	331.99	Sqm.	340.80	113142.19
35.0	Spl. Ceiling plastering in C.M. 1:3, 10 mm tk.	372.78	Sqm.	152.65	56904.87
	whitewashing two coat for old wall	44.26	Sqm.	1290.00	57095.40

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Sl. No.	Description	Rate	Unit	Total Qty. (Building)	
				Qty	Amount
40.0	Painting - New "wood work"	283.41	Sqm.	40.15	11380.05
	Painting two coat for old wood work	193.80	Sqm.	1600.30	310138.14
51.0	HDPE water tank 700 lit capacity with ISI mark	7035.00	Each	37.00	260295.00
52.0	PVC Water supply (ASTM)				
	a. 32 mm dia	315.70	Rmt	152.00	47986.40
	b. 25 mm dia	296.43	Rmt	510.00	151179.30
53.1	Wash basin	3856.62	Each	37.00	142694.94
54.1	C.P tap long body	538.00	Each	98.00	52724.00
54.2	C.P tap short body	490.00	Each	45.00	22050.00
69.0	15 Amp. Power plug	150.00	Each	179.00	26850.00
	ANNEXURE				
	Removing of doors and windows shutter etc., PWD SOR P-22 Item No.29	185.36	Sqm	52.50	9731.40
21.5.2	Supply and Fixing Solid UPVC door Shutter with frame	3325.00	Sqm	67.50	224437.50
23.2.1	4mm thick pin headed Glass panels with Aluminium beedings	906.40	Sqm	36.25	32857.00
	Cuddappa slab 20 mm tk.for kitchen hearth slab.				
	a. In Ground floor	662.84	Sqm.	3.15	2087.95
	b. In First floor	669.10	Sqm.	2.10	1405.11
29.8	Glazed tiles using Grout (Tile Joint Filler)	1673.50	Sqm	209.15	350012.53
29.9	Floor ceramic tiles (Anti-skid) using Grout (Tile Joint Filler).	1456.68	Sqm	87.55	127532.33
43.0	Fabrication of Mild steel / RTS grills (without cement slurry) for all sizes of rods.	98792.50	MT	1.50	148188.75
44.6	PVC SWR 110 mm dia with ISI mark type- A for Rain water down fall pipe	390.34	Rmt	336.00	131154.24
50.6	Precast slab 50 mm tk.in C.C. 1:3:6 with fibre	514.23	Sqm	151.20	77751.58
56.3	S & F of Indian Water closet white glazed (Oriya type) of size 580 x 440mm - in G.F.	4051.94	Each	20.00	81038.80
56.4	S & F of Indian Water closet white glazed (Oriya type) of size 580 x 440mm - Other than G.F.	6609.63	Each	17.00	112363.71
58.3	PVC SWR pipe (Soil line) with ISI mark - type 'B'.				
	a. 110 mm dia.	851.42	Rmt	168.00	143038.56
	b. 75 mm dia.	734.12	Rmt	156.00	114522.72
66.1	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.	3052.00	Each	10.00	30520.00
	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.	266.00	Rmt	185.00	49210.00
	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.	226.00	Rmt	1440.00	325440.00
	4 x 4 Sq mm copper PVC insulated unsheathed single core cable for 3 phase EB service connection	270.00	Rmt	1205.00	325350.00
344.2	S&F of Bevelled edge mirror 500 x 400 x 5.5mm	398.30	Each	37.00	14737.10

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Sl. No.	Description	Rate	Unit	Total Qty. (Building)	
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	Plastic Emulsion paint two coat of Old walls including cost of materials and labours etc., completed	206.18	Sqm	6442.40	1328294.03
38.4.1	Painting Two coat of OBD over one coat white cement for inner walls including cost of materials and labours etc., completed (incl. through scrubbing)	168.71	Sqm	5646.10	952553.53
	UPVC Non Pressure pipe of SN8 SDR 34 (S 16.5) as per IS 15328/2003				
	a. 110 mm UPVC Non Pressure pipe	542.61	Rmt	125.00	67826.25
	b. 160 mm UPVC Non Pressure pipe	872.97	Rmt	180.00	157134.60
	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 point with ceiling rose	895.00	Each	255.00	228225.00
	b. Light point without ceiling rose	897.00	Each	145.00	130065.00
	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)	690.00	Each	116.00	80040.00
	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	129.00	107715.00
	Supply and fixing of 9 watts LED bulb PWD SR P-115	135.00	Each	153.00	20655.00
	Supply and fixing of 4' 18 watts LED Tube Light PWD SR P-114	690.00	Each	153.00	105570.00
	Supply and fixing of Bulk Head fitting suitable for 12W LED Bulb	517.00	Each	52.00	26884.00
	Supply, fixing of 25W LED street light etc.,	3367.00	Each	38.00	127946.00
	Supply and fixing of 12 watts LED bulb (qtn)	170.00	Each	52.00	8840.00
	Supply and fixing of Three Phase Distribution Board with 4 way TPN double door MCB DB 40 Amps 4 Pole ELCB - 1, 6Amps to 32 amps SP MCB - 12 No's with necessary cutting work etc., including cost of all materials and fixing charges, all complete. CER NO.267/2018-19	10363.00	Each	37.00	383431.00
	Supply and fixing of SFRC Manhole cover with frame with locking arrangements				
	a. 600mmx600mm	2701.00	Each	20.00	54020.00
	Supplying, laying, fixing and jointing of 40mm dia PVC pipe (Below Ground level)	308.00	Rmt.	200.00	61600.00
	Supply and fixing of TNEB Meter board suitable for 3 phase 63 A service connection made up of suitable angle (electrical SD 129)	4646.00	Each	37.00	171902.00
	Supplying and fixing of 25mm dia GI Service pipe line including cost of materials and labours etc., completed	128.00	Rmt Each	111.00	14208.00
	Standardised concrete Mix M20 Grade Concrete for foundation and Basement	10016.96	Cum	2.00	20033.92
	Standardised concrete Mix M30 Grade Concrete for foundation and Basement	10561.22	Cum	12.40	130959.13
	Plastering with CM 1:3, 12mm with WPC	350.68	Sqm	97.60	34226.37

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Sl. No.	Description	Rate	Unit	Total Qty. (Building)	
				Qty	Amount
18.1	Providing form work and centering for reinforcement cement concrete works				
	a) Plinth beam, Raft beam etc.,	1097.54	Sqm	59.15	64919.49
	d) Vertical walls	1333.34	Sqm	360.50	480669.07
	Supplying, laying of the 110 mm dia PVC Pipe	851.42	Rmt	25.60	21796.35
	Supplying and fixing of CI Steps (5Kg)	30.00	Each	10.00	300.00
	Supplying and fixing of CI Man Hole cover slab 60 x 60	1864.00	Each	2.00	3728.00
	Supply and delivery of 1.5 HP Three Phase Submersible Pumpset	33017.00	Each	2.00	66034.00
	Supply and fixing of MS fabricated DOL starter Three phase panel control board of wall mounting type with ISI mark with volt meter, ammeter indicating lamps ON/OFF push button for Open well. 2.00 HP with necessary connections and three phase cum dry run preventer, etc., (TWAD pg.No.111)	14832.00	Each	2.00	29664.00
	Labour charges for 5 HP borewell submersible & 5 HP Openwell Submersible pumpset in borewell / Openwell including fixing and jointing submersible cable with proper clamps upto the starter to required depth and also fixing of riser pipes to the required depth valves erection clamps, pressure gauges upto the exterior wall of pump room and erection of panel board consisting of TPICN switches starter, voltmeter, ammeter, three pilot (indicating) lamps capacitor single phasing preventor, water level guard and laying and jointing the cables and twin earthing as per IE rules etc. complete and testing the pumpset for trial	11056.10	Each	2.00	22112.20
	Supplying and fixing of 2.5 sqmm PVC 3 core Flat type Copper cable of approved quality with ISI mark	130.00	Rmt	30.00	3900.00
	Supplying and laying of 50 mm dia GI (Below Ground level) etc all complete including and labour charges etc., complete	475.00	Rmt	150.00	71250.00
	Steel grill for Verandah Enclosure PWD SR p20/ Item 138/131	70.15	Kg	2810.00	197121.50
	Teak wood Double leaf Cupboard ward roap Shutter	3974.59	sqm	93.24	370590.77
	Total				12778856.58

24/4/2023

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