

**BILL OF MATERIAL
OF
POLICE SCHOOL STAFF QUARTERS**



CivilGuruji



Er. Vishwajeet Singh
(Corporate Trainer)

Satendra
Engineer's Name
Er. Satendra Bharti

"QUANTITY SURVEY OF PROJECT"																		
S.No.	Item	Quantity	Unit	Ratio	Materials													
					Cement (Bag)	Sand (Cft)	Aggregate (Cft)			Bricks (Each)	White Cement (Bag)	Putty	Oil Bound Distemper	Acrylic Smooth Exterior Paint	Kota Stone (sqm)	Vitrified Tiles (sqm)	Ceramic Tiles (sqm)	Granite Tiles (sqm)
							10mm	20mm	40mm									
Upto Plinth																		
	M-10 Concrete	1	Cum.	01:03:06														
	M-15 Concrete	1	Cum.	01:02:04														
	M-20 Concrete	1	Cum.	1:1.5:3														
	M-25 Concrete	1	Cum.	01:01:02														
1	PCC Below Footing	12.744	Cum.	01:03:06	56.52	207.90	62.37	103.95	249.47	-	-	-	-	-				
2	Footing Concrete	21.000	Cum.	01:01:02	232.85	285.48	228.39	342.58	-	-	-	-	-	-				
3	Pedestal Column Concrete	2.240	Cum.	01:01:02	24.84	30.45	24.36	36.54	-	-	-	-	-	-				
4	One line Brickwork For Ground Beam	3.270	Cum.	01:04	5.77	28.32	-	-	-	1635	-	-	-	-				
5	Ground Beam Concrete	9.81	Cum.	01:01:02	108.77	133.36	106.69	160.03	-	-	-	-	-	-				
6	B/W upto DPC Bottom	14.28	Cum.	01:04	25.22	123.70	-	-	-	7142	-	-	-	-				
7	DPC	30.98	Sqm.	01:02:04	9.81	24.06	19.25	28.87	-	-	-	-	-	-				
8	Plinth Beam Concrete	0.518	Cum.	01:01:02	5.74	7.04	5.63	8.44	-	-	-	-	-	-				
9	Floor PCC	12.499	Cum.	01:02:04	79.19	194.19	58.26	97.09	233.03	-	-	-	-	-				
10	Column Concrete for Sub Structure	2.16	Cum.	01:01:02	23.95	29.36	23.49	35.24	-	-	-	-	-	-				
	TOTAL				572.67	1063.85	528.43	812.75	482.50	8777								
Ground Floor																		
11	Column Concrete for Super Structure	7.2	Cum.	01:01:02	79.83	97.88	78.30	117.46	-	-	-	-	-	-				
12	Full Thick B/W	19.868	Cum.	01:06	25.06	184.34	-	-	-	9934	-	-	-	-				
13	Half Thick B/W	69.18	Sqm.	01:04	12.22	59.91	-	-	-	3459	-	-	-	-				

14	DPC	13.22	Sqm.	01:02:04	4.19	10.27	8.22	12.32	-	-	-	-	-	-				
15	Sill Band Concrete	1.322	Cum.	01:01:02	14.66	17.97	14.38	21.57	-	-	-	-	-	-				
16	Lintel Beam Concrete	3.004	Cum.	01:01:02	33.31	40.84	32.67	49.00	-	-	-	-	-	-				
17	Chajja Concrete	1.053	Cum.	01:01:02	11.68	14.31	11.45	17.18	-	-	-	-	-	-				
18	Slab Beam Concrete	11.445	Cum.	01:01:02	126.90	155.59	124.47	186.70	-	-	-	-	-	-				
19	Slab Concrete	14.59	Cum.	01:01:02	161.77	198.34	158.67	238.01	-	-	-	-	-	-				
20	Staircase Concrete	2.000	Cum.	01:01:02	22.18	27.19	21.75	32.63	-	-	-	-	-	-				
21	Entrance Step B/W	1.89	Cum.	01:04	3.34	16.37	-	-	-	945	-	-	-	-				
22	6mm Plaster	166.79	Sqm.	01:03	11.50	42.30	-	-	-	-	-	-	-	-				
23	12mm Plaster	271.25	Sqm.	01:04	29.92	146.75	-	-	-	-	-	-	-	-				
24	15mm Inner Plaster	139.05	Sqm.	01:04	18.38	90.12	-	-	-	-	-	-	-	-				
25	15mm Outer Plaster	200.69	Sqm.	01:04	26.52	130.06	-	-	-	-	-	-	-	-				
26	White Wash	777.78	Sqm.	-					-	-	4.67	-	-	-				
27	Putty (2mm thick)	555.19	Sqm.	-					-	-	-	24.89	-	-				
28	Oil Bound Distemper	555.19	Sqm.	-					-	-	-	-	133.25	-				
29	Acrylic Smooth Exterior Paint	222.59	Sqm.	-					-	-	-	-	-	37.84				

30	Kota Stone Flooring (20mm Thick)	19.65	Sqm.	01:04	5.53	14.76	-	-	-	-	0.28	-	-	-	22.60			
31	Kota Stone Dado (12mm Thick)	1.55	Sqm.	01:03	0.38	0.65	-	-	-	-	0.02	-	-	-	1.78			
32	Vitrified Tiles Flooring (20mm Thick)	111.84	Sqm.	01:04	24.52	84.04	-	-	-	-	1.60	-	-	-		114.64		
33	Vitrified Tile Dado (12mm Thick)	13.67	Sqm.	01:03	2.47	5.78	-	-	-	-	0.20	-	-	-		14.01		
34	Ceramic Tile Flooring (20mm Thick)	11.52	Sqm.	01:04	2.53	8.66	-	-	-	-	0.16	-	-	-			11.81	
35	Ceramic Tile Dado (12mm Thick)	95.76	Sqm.	01:03	17.32	40.47	-	-	-	-	1.37	-	-	-			98.15	
36	Granite Stone Flooring (20mm Thick)	24.34	Sqm.	01:04	5.34	18.29	-	-	-	-	0.35	-	-	-				27.99
TOTAL					639.52	1404.88	449.91	674.87		14338	8.64	24.89	133.25	37.84	24.37	128.64	109.96	27.99
First Floor																		
38	Column Concrete for Super Structure	7.2	Cum.	01:01:02	79.83	97.88	78.30	117.46	-	-	-	-	-	-				
39	Full Thick B/W	19.868	Cum.	01:06	25.06	184.34	-	-	-	9934	-	-	-	-				
40	Half Thick B/W	69.18	Sqm.	01:04	12.22	59.91	-	-	-	3459	-	-	-	-				
41	DPC	13.22	Sqm.	01:02:04	4.19	10.27	8.22	12.32	-	-	-	-	-	-				
42	Sill Band Concrete	1.322	Cum.	01:01:02	14.66	17.97	14.38	21.57	-	-	-	-	-	-				
43	Lintel Beam Concrete	3.004	Cum.	01:01:02	33.31	40.84	32.67	49.00	-	-	-	-	-	-				
44	Chajja Concrete	1.053	Cum.	01:01:02	11.68	14.31	11.45	17.18	-	-	-	-	-	-				

45	Slab Beam Concrete	11.445	Cum.	01:01:02	126.90	155.59	124.47	186.70	-	-	-	-	-	-				
46	Slab Concrete	14.59	Cum.	01:01:02	161.77	198.34	158.67	238.01	-	-	-	-	-	-				
47	Staircase Concrete	2	Cum.	01:01:02	22.18	27.19	21.75	32.63	-	-	-	-	-	-				
48	6mm Plaster	166.79	Sqm.	01:03	11.50	42.30	-	-	-	-	-	-	-	-				
49	12mm Plaster	271.25	Sqm.	01:04	29.92	146.75	-	-	-	-	-	-	-	-				
50	15mm Inner Plaster	139.05	Sqm.	01:04	18.38	90.12	-	-	-	-	-	-	-	-				
51	15mm Outer Plaster	150.65	Sqm.	01:04	19.91	97.63	-	-	-	-	-	-	-	-				
52	White Wash	727.74	Sqm.	-					-	-	4.37	-	-	-				
53	Putty (2mm thick)	555.19	Sqm.	-					-	-	-	24.89	-	-				
54	Oil Bound Distemper	555.19	Sqm.	-					-	-	-	-	133.25	-				
55	Acrylic Smooth Exterior Paint	172.55	Sqm.	-					-	-	-	-	-	29.33				
56	Kota Stone Flooring (20mm Thick)	19.65	Sqm.	01:04	5.53	14.76	-	-	-	-	0.28	-	-	-	22.60			
57	Kota Stone Dado (12mm Thick)	1.55	Sqm.	01:03	0.38	0.65	-	-	-	-	0.02	-	-	-	1.78			
58	Vitrified Tiles Flooring (20mm Thick)	103.44	Sqm.	01:04	22.68	77.72	-	-	-	-	1.48	-	-	-		106.03		
59	Vitrified Tile Dado (12mm Thick)	12.26	Sqm.	01:03	2.22	5.18	-	-	-	-	0.18	-	-	-		12.56		

60	Ceramic Tile Flooring (20mm Thick)	11.52	Sqm.	01:04	2.53	8.66	-	-	-	-	0.16	-	-	-			11.81	
61	Ceramic Tile Dado (12mm Thick)	95.76	Sqm.	01:03	17.32	40.47	-	-	-	-	1.37	-	-	-			98.15	
62	Granite Stone Flooring (20mm Thick)	18.22	Sqm.	01:04	4.39	13.69	-	-	-	-	0.26	-	-	-				20.95
TOTAL					626.54	1344.57	449.91	674.87		13393	8.11	24.89	133.25	29.33	24.37	118.59	109.96	20.95
Parapet & Staircase Tower																		
64	Parapet Wall	10.78	Cum.	01:06	13.60	100.02	-	-	-	5390	-	-	-	-				
65	Column Concrete for Parapet	1.4	Cum.	01:01:02	15.52	19.03	15.23	22.84	-	-	-	-	-	-				
66	Column Concrete for Stair Tower	0.84	Cum.	01:01:02	9.31	11.42	9.14	13.70	-	-	-	-	-	-				
67	B/W for Stair Tower	3.6035	Cum.	01:06	4.55	33.43	-	-	-	1802	-	-	-	-				
68	Sill Band Concrete	0.206	Cum.	01:01:02	2.28	2.80	2.24	3.36	-	-	-	-	-	-				
69	Beam Concrete	0.735	Cum.	01:01:02	8.15	9.99	7.99	11.99	-	-	-	-	-	-				
70	Slab Concrete	1.076	Cum.	01:01:02	11.93	14.62	11.70	17.55	-	-	-	-	-	-				
71	6mm Plaster	8.88	Sqm.	01:03	0.61	2.25	-	-	-	-	-	-	-	-				
72	12mm Plaster	23.01	Sqm.	01:04	2.54	12.45	-	-	-	-	-	-	-	-				
73	15mm Outer Plaster	147.48	Sqm.	01:04	19.49	95.58	-	-	-	-	-	-	-	-				
74	White Wash	179.37	Sqm.	-					-	-	1.08	-	-	-				
75	Putty (2mm thick)	31.88	Sqm.	-					-	-	-	1.43	-	-				

76	Oil Bound Distemper	31.88	Sqm.	-					-	-	-	-	7.65	-				
77	Acrylic Smooth Exterior Paint	147.48	Sqm.	-					-	-	-	-	-	25.07				
TOTAL					87.98	381.60	46.29	69.44		7192	1.08	1.43	7.65	25.07				
TOOTAL QUANTITY OF MATERIALS					1926.71	4114.90	1474.55	2231.92	482.50	43700	17.83	51.22	274.14	92.34	48.75	247.23	219.92	48.95



Er. Vishwajeet Singh
(Corporate Trainer)

Satendra
Submitted by -

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