

Bill of quantity for the work Urgent repair of fallen boundary wall with other maintenance works in quarter no. C-5 officers colony and provision of sheet at filter plant under Saunda-D project, Barka-Sayal Area.

	Description of work	Quantity	Unit	Rate	Amount
1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area 3 sq. metres and below	2.000	Each	218.94	437.88
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	14.063	Cum	215.88	3035.81
3	Supplying and filling in plinth with Jamuna sand under floors, including watering, ramming, consolidating and dressing complete.	0.938	Cum	1247.06	1169.12
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 cement : 4 fine sand : 8 graded stone aggregate 40 mm nominal size)	1.406	cum	5611	7890.47
5	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	7.210	Cum	6101.36	43990.81
6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 5.0 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	14.520	cum	6436.24	93454.20
7	Providing and fixing bolts including nuts and washers complete.	140.000	K.g.	106.07	14849.80
8	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work.	8.640	Sqm	106.63	921.28

9	Providing high impact Polypropylene reinforced cement 6 mm thick corrugated sheets (as per IS: 14871) roofing up to any pitch and fixing with polymer coated J, or L hooks, bolts and nuts 8 mm dia. G.I. plain and bitumen washers or with self drilling fastener and EPDM washers etc. complete (excluding the cost of purlins, rafters and trusses), including cutting sheets to size and shape wherever required.	42.000	Sqm	386.63	16238.46
10	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of : Asbestos sheet	42.000	Sqm	45.8	1923.60
11	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in- charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	0.963	Cum	1412.41	1360.15
12	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate	16.050	Sqm	457.75	7346.89
13	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	55.000	Sqm	31.99	1759.45
14	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand)	11.625	Sqm	794.97	9241.53
15	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	167.500	Sqm	210.33	35230.28
16	20 mm cement plaster of mix : 13.3.1 1:4 (1 cement: 4 fine sand)	20.000	Sqm	305.48	6109.60
17	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	40.000	sqm	167.75	6710.00

18	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm).	50.000	sqm	141	7050.00
19	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade : One or more coats on old work	75.000	Sqm.	81.23	6092.25
20	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work	45.000	sqm	63.88	2874.60
21	Colour washing such as green, blue or buff to give an even shade : New work (two or more coats) with a base coat of white washing with lime	287.500	Sqm	33.38	9596.75
22	White washing with lime to give an even shade : 13.37.1 New work (three or more coats)	75.000	sqm	24.31	1823.25
23	Providing, hoisting and fixing up to floor five level precast reinforced cement concrete in small lintels not exceeding 1.5 m clear span up to floor five level, including the cost of required centering, shuttering but excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).	0.759	Cum	8467.6	6430.08
24	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Hot rolled deformed bars.	60.750	Kg	90.29	5485.12
25	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1 cement: 4 fine sand)	50.000	Sqm	275.75	13787.50
		Total Cost Rs.			304808.87
		GST @18% Rs.			54865.60
		Total cost incl. GST Rs.			359674.47