

Estimate for Construction of Guest House of Beant College of Engg. At Gurdaspur.

Ground Floor Covd Area= 3835 Sft

Sr. No.	CSR item	Brief detail and unit	Qty	Unit rate	Premium (2013)	Cost of work, Rs	Remarks
1	6.6	Earth work in excavation in foundations, trenches etc. in all kinds of soil where pick jumper work is not involved and not exceeding 2.0 metres depth including dressing of bottom and sides of trenches, stacking the excavated soil clear from the edge of excavation (cum)	330	66.28	12	24,497.09	Earth work for columns and walls
2	NS	Anti Termite Treatment (Sq.m)	1626.26	25		40,656.50	
3	10.8b	Cement concrete 1:5:10 with 40 mm gauge stone ballast.(P.C.C. cum.)	35	1767.37	18	72,992.38	Rs 48/- per cum included for machine mix
4	6.8A(1)	Earth filling under floors with surplus ordinary soil or soil containing gravel or kankar upto 40% excavated from foundation and taken only from outside the building plinth in 15 cm layers including ramming, watering and consolidating lead upto 30 metres	66	23.72	12	1,753.38	Backfill in foundation trenches and under floor
5	6.8b	Earth work (exclusive of compensation for earth) in excavation in ordinary soil or soil containing gravel or kankar upto 40 % and filling in 15 cm layers in foundation and plinth including ramming, watering and consolidating under floors with earth brought from a distance not exceeding 30 metres (cum) total building	4.25	42.35	12	201.59	
6	10.15	Reinforced cement concrete M-20 with cement@375/kg per cum Machine mixed but excluding steel reinforcement centring and shuttering in foundation and plinth foundation and plinth (cum)	56	3580.85	18	2,36,622.57	R.C.C. Work in foundation and plinth. Rs 48/-+160/- per cum included for machine mix and vibrator.
7	11.17	First class burnt brick work laid in cement sand mortar 1:4 in foundation and plinth. (cum)	90	2572.89	35	3,12,606.14	Brick work in foundation
8	10.28	Damp proof course 4 cm thick of cement concrete 1: 2: 4 with two coats of bitumen 20/30 penetration @ 1.65 kg per sqm laid hot and sanded (Sqm)	26	202.79	18	6,221.60	
9	10.14 & 10.46	Reinforced cement concrete M-20 and machine mix and vibrator but excluding steel reinforcement, centring and shuttering in foundation and plinth (cum)	10	3289.46	18	38,815.63	R.C.C. Work in columns and lintel beams. Rs 48/-+160/- per cum included for machine mix and vibrator.
10	11.4	First class burnt brick work laid in cement sand mortar 1:6 in first storey upto 4 metres above plinth level (cum)	42.13	2595.23	35	1,47,605.00	Brick work in Super Structure for 9" thick wall
11	11.34	115 mm thick brick wall with every fourth course reinforced with hoop iron laid in 1 :4 cement sand mortar in super structure (cum)	42.13	374.81	35	21,317.51	Brick work in Super Structure for 4-1/2" thick wall

12	10.14 & 10.46	Reinforced cement concrete M-20 and machine mix and vibrator but excluding steel reinforcement, centring and shuttering in Slab (cum)	50	3289.46	18	1,94,078.14	R.C.C. Work in slab and beams. Rs 48/-+160/- per cum included for machine mix and vibrator.
13	NS	Mumty (sq m)	3.5	3081.46	18	12,726.43	Covered area rate L.S.
14	17.15 (A) ii	Chowkats of commercial hard wood such as Hollock confirming to ISI specification no 1003 m kiln seasoned of doors and windows including iron hold fasts, corner straps cleats, stops, bolts for hold fasts etc, complete fixed in position (Section 60mm x 150mm) Double rebate (m.)	300	616.05	15	2,12,537.25	
15	17.15 (B) ii	Single Rebate (m.) Chokhat	131	452.76	15	68,208.29	
16	17.27	Factory manufactured flush door fixed in position iron hinges, etc (excluding the cost of any fittings other than specified above but including labour for fixing the same in position (Code : II Revision IS-2191 Part-I) 1973 (sq m)	65	2442.02	40	2,22,223.82	
17	17.51	Providing and fixing commercial plywood 18mm thick (Sq m) Cup Board and side board	21	1014.08	12	23,851.16	
18	16.7	Preparation of concrete or plastered surfaces for painting or oil-bound distemper including sand papering the surface applying one coat of linseed oil and filling with approved quality filler, consisting of white lead, linseed-oil varnish and chalk mitti including finishing the surface to the required finish complete.	1600	25.02	12	44,835.84	
19	16.14	Finishing walls with exterior decorative cement based paint such as snowcem, robbiacem etc. two coats to give an even shade	1600	83.68	15	1,53,971.20	
20	10.14	Reinforced cement concrete 1:2:4 machine mixed but excluding steel reinforcement, centring and shuttering in shelves (cum.)	2	3081.46	18	7,272.25	Kitchen shelf
21	18.4	Wrought iron and mild steel ladders, framed grills, grating etc. with ends of bars, riveted or welded or forged, framed window guards, barred iron doors, stair case, iron railing including cost of bolts and nuts or screws or welding rod, complete fixed in position (Qtl)	5	6894	0	34,470.00	Window grill and Stair railing
22	17.15 (1)	Deodar wood chowkats including iron hold fasts iron hinges corner straps clears, stops wooden knobs fixed in position. (sqm)	28	824.76	40	32,330.59	Hold fasts included doors and windows
23	17.26 (3)	5.5 mm thick Plain glass (Indian) (sqm)	70	710.21	35	67,114.85	Glass in windows
24	18.18	Cold twisted deformed (Ribbed/ Tor Steel Bar) Bars Fe 500 grade as per IS 1786-1985, for R.C.C works, where not including in the complete rate of RCC including bending and placing in position complete (Slab steel fe500) (Qtl)	70	5166.94	16	4,19,555.53	Columns, Beams, Slab etc steel
25	15.06	10 mm thick cement plaster 1:4 on (sq m) inside	500	65.33	15	37,564.75	Plaster work inside

26	15.07	12.5 mm thick cement plaster 1:4 (sq m) outside	1100	107.18	15	1,35,582.70	Plaster work outside
27	13.13	Terracing consisting of tiles 22.86x11.43x3.83cm laid over 25 mm mud plaster 7.5 cm mud filling on another layer of 25mm mud plaster including two coats of bitumen laid hot at 1.65 Kg/sqm top of RCC slab including grouting with cement sand mortar 1:4 and top surface to be left clean after wire brushing etc (sq m.)	358	369.23	35	1,78,448.86	Tile terracing
28	13.55	Cement concrete 1:2:4 gola 10cm x 10cm concave quadrant along junction of roofs with parapet wall finished smooth, where specially specified (m)	94.49	3081.46	15	3,34,842.23	
29	14.76b	White marble tiles with grey streaks arranged from Markrana, Doongri, Adanga and Chak Doongri veined of 15 mm to 20 mm thick in risers of skirting dado, pillars and wall lining including matching the 1:3 and jointed neat cement slurry including the cost of cramps labour for fixing cramps pins and dowels etc. including rubbing and polishing complete in all respecSlabs sizes 30cm x 30cm to 45 cm x60 cm (Sq m)	260	1345.26	15	4,02,232.74	
30	14.88	Kota stone tile flooring 20mm to 30 mm thick over 12.5mm thick base of cement mortar 1:3 (1 cement, 3 Sand) laid and jointed with neat cement slurry, mixed with pigment to match the shade of stone including rubbing and polishing (Sq m) in Porch	20	954.05	25	23,851.25	Porch flooring
31	14.9	Kota stone tiles 20mm thick in skirting risers of steps, dado walls and pillars laid in 12.5mm thick cement mortar 1:3 (1 cement 3 coarse sand) and jointed with neat cement slurry mixed with pigment to match the shade of stone, including rubbing and polishing (sq m) in rooms etc	30	977.51	15	33,724.10	
32	14.8	White glazed tiles 10 cm x 10 cm and 6 mm thick in skirting and dado on 12 mm thick cement plaster 1:3 in base and jointed with white cement slurry in joints including bevelled corners (Sq m)	150	707.47	15	1,22,038.58	Skirting
Total (A)						36,64,749.92	
33		Sanitary and Water supply				5,49,712.49	(B)
34		Electrical Work				5,49,712.49	(C)
A+B+C						47,64,174.90	
36		Miscellaneous				4,76,417.49	
G Total						52,40,592.38	

52.41 Lakhs (say)

Total Estimated Cost 52.41 Lakhs

Rupees Fifty two thousands and forty one thousands only