

OFFICE OF THE MUNICIPAL CORPORATION BILASPUR (C.G.)

DETAILED ESTIMATE

NAME OF WORK- CONSTRUCTION OF FIRST FLOOR HALL COMMUNITY BUILDING AT WARD NO.05 at
Khubchand Baghel Nagar

AS PER SOR- SCHEDULE OF RATES PUBLIC WORK DEPARTMENT(PWD BUILDING 1.01.2015)

AS PER SOR- SCHEDULE OF RATES PUBLIC WORK DEPARTMENT(PWD BUILDING 1.01.2015)											
S.No	Description of Item	Details	Details of Mensurment				Quantity	Unit	Rate	Amount	
			Nos.	Length	Width	Depth					
1	2	3	4		5	6	7	8	9		
1	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundation, Footing ,base of column & plinth beam in any shape & size. As per SOR item No										
A	Columns, Pillars, Piers and likes- rectangular or square in shape	col.upto lintel level	19	2	0.60		3.30	75.24			
			Total					75.24	sqm	297.0	22346.28
B	Beams, lintels, cantilevers & walls	lintelbeam	1	3	55.00		0.20	33.00			
		chhajja	8	1	1.60		0.70	8.96			
		chhajja	8	1	1.20		0.70	6.72			
			Total					48.68	sqm	202.0	9833.36
C	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	slab	1	1	12.50	11.70		146.25			
		slab beam	1	2	91.00		0.30	54.60			
			Total					200.85	sqm	235.00	47199.75
2	Providing and laying nominal mix cement concrete with crushed stone aggregate 20 mm Nominal Size using concrete mixer in work upto floor five level excluding cost of from work 1:1.1/2:3 (1 cement :1.5coarse sand :3 graded stone aggreate 20 mm nominal	column	19	1	0.20	0.40	3.30	5.02			
		lintel	1	1	55.00	0.20	0.20	2.20			
		slab beam	1	1	91.00	0.20	0.30	5.46			
		slab	1	1	12.50	11.70	0.120	17.55			
								30.23	cum	4163.00	125830.84
3	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: cold twist bar As per SOR Item NO.3.12.4	120 kg/cum	30.23		120			3627.12	kg	54.50	197678.04

[illegible]

	work (Two or more coats @ 1.43 ltr/ 10 sqm over including priming coat of inferior primer applied @ 2.20 kg/ 10 sqm)						same as outer area	234.46				
							Total	234.46	sqm	74.50	17,467.27	
11	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade.											
	On new work (two or more coats)						same as inner area	571.17				
							Total	571.17	sqm	52.50	29,986.43	
12	Providing and fixing steel door/ window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a											
	door chaokhat		1	2	40	kg		80				
	window with grill		1	8	15	kg		120				
							Total	200	kg	75.00	15,000.00	
13	Providing and fixing flush door shutters, conforming to IS : 2202 (Part-1), decorative type core of block board construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters excluding hinges.											
	35 mm. thick (single leaf)	door	1	2	1.2		2.1	5.04				
							Total	5.04	sqm	2005.00	10,105.20	
14	Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according to IS: 1868, minimum anodic coating shall be of grade AC-15. (Glazing to be paid for separately:											
		window	1	8	20			160.00				
							Total	160	kg	338.00	54,080.00	

	and fixing glazing in aluminium door, window, slator shutters and partitions with PVC/ neoprene gasket etc. complete. (Cost of aluminium span heading shall be paid in basic 4mm thick	window	8	1	1.2	1.5	14.40			
						Total	14.4	sqm	611.00	8,798.40
16	Painting on new work (two or more coats) to give an even shade with:									
	door		8	1	1.2	1.5	14.4			
	window		2	2	1.2	2.1	10.08			
						Total	24.48	sqm	55.00	1,346.40
									Total	876386.69
17	SANITARY						add 6% sanitary works			52583.20
18	ELECTRIFICATION						add 8.1% sanitary works			70987.32
							Grand Total			999957.21
							SAY IN LAKH			10.00


ASST. ENGINEER
MUNICIPAL CORPORATION
DIST-BILASPUR(C.G.)

is there by accorded for Co.,

Executive Engineer
Nagar Palik Nigam
Bilaspur (C.G.)