

DETAILED ESTIMATE FOR PROPOSED GROUND FLOOR AND FIRST FLOOR OF RESEDENTIAL

S.N.	PARTICULARS	NO.	L	B	H	QTY.	UNIT	RATE	AMOUNT (INR)
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.	19	1.8	2.4	2.4	197.0	cu.m	185	36444
2	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work.	19	1.8	2.4	0.15	12.312	cu.m		
		1	11	15	0.15	24.75	cu.m		
					TOTAL	37.062	cu.m	2659	98548
3	1 R.C.C of M 20 grade e/c centring and shuttering & reinforced in super structure upto height of (1:1.5:3)								
a	Foundation								
	c1	15	1.5	2.1	0.45	21.3	cu.m		
	c2	4	1.5	2.1	0.45	5.7	cu.m		
b	Column								
	Up to Ground Floor Slab								
	c1	15	0.23	0.45	5	7.8	cu.m		
	c2	4	0.23	0.3	5	1.4	cu.m		
	From GF to FF slab								
	c1	15	0.23	0.45	3.2	5.0	cu.m		
	c2	4	0.23	0.3	3.2	0.9	cu.m		
	From FF to Stair slab								
	c1	4	0.23	0.45	3	1.2	cu.m		

c	Plinth Beam								
	B1	4	11	0.23	0.45	4.6	cu.m		
	B2	4	15	0.23	0.45	6.2	cu.m		
	B3	1	3	0.23	0.3	0.2	cu.m		
	B4	6	1.5	0.23	0.3	0.6	cu.m		
	B5	1	3	0.23	0.3	0.2	cu.m		
d	Lintel Beam								
	L1	6	2.1	0.23	0.15	0.4	cu.m		
	L2	4	1.8	0.23	0.15	0.2	cu.m		
e	Ground Floor Slab Beam								
	B1	4	11	0.23	0.3	3.0	cu.m		
	B2	6	1.5	0.23	0.3	0.6	cu.m		
	B3	1	3	0.23	0.3	0.2	cu.m		
	B4	2	15	0.23	0.3	2.1	cu.m		
	B5	2	7	0.23	0.45	1.4	cu.m		
	B6	5	4	0.23	0.3	1.4	cu.m		
f	First Floor Slab Beam								
	B1	4	11	0.23	0.3	3.0	cu.m		
	B2	6	1.5	0.23	0.3	0.6	cu.m		
	B3	1	3	0.23	0.3	0.2	cu.m		
	B4	2	15	0.23	0.3	2.1	cu.m		
	B5	2	7	0.23	0.45	1.4	cu.m		
	B6	5	4	0.23	0.3	1.4	cu.m		
g	Stair Tower Slab Beam								
	B1	2	5	0.23	0.3	0.7	cu.m		
	B2	2	3.5	0.23	0.3	0.5	cu.m		
h	Ground Floor Slab								
	S1	3	4	4.3	0.15	7.7	cu.m		
	S2	1	3.5	3.65	0.15	1.9	cu.m		
	S3	3	1.5	3.5	0.15	2.4	cu.m		
	S4	1	1.5	2.1	0.15	0.5	cu.m		
	S5	2	4	5.5	0.15	6.6	cu.m		
i	First Floor Slab								
	S1	3	4	4.3	0.15	7.7	cu.m		
	S2	1	3.5	3.65	0.15	1.9	cu.m		
	S3	3	1.5	3.5	0.15	2.4	cu.m		
	S4	1	1.5	2.1	0.15	0.5	cu.m		
	S5	2	4	5.5	0.15	6.6	cu.m		
j	Stair Slab								
	S1	2	1.05	2.5	0.15	0.8	cu.m		
	S2	2	1.05	1.5	0.15	0.5	cu.m		
	S3	2	1.05	2.5	0.15	0.8	cu.m		
	Stair Tower Slab								
	S1	1	3.5	5	0.15	2.6	cu.m		
	TOTAL					117.2	cu.m	4231	495891

4 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:

Thermo-Mechanically treated bars FE-500

11720.4 KG 54.5 638763.435

5 Providing and fixing formwork including centering, shuttering, strutting staging propping bracing etc. complete and including its removal at all levels for:

Foundations, footings base of columns and plinth beam in any shape and size.

30	1.8	0.45	24.3	sq.m.	139	3377.7
46	1.5	0.45	31.05			4315.95
			TOTAL	55.35	sq.m.	139

6 Providing and fixing formwork including centering, shuttering, strutting staging propping bracing etc. complete and including its removal at all levels for: **Beams Lintels cantilevers and walls**

8	11	0.30	26.4	sq.m.	202	5332.8
4	15	0.45	27	sq.m.	202	5454
2	4	0.30	2.4	sq.m.	202	484.8
8	1.5	0.30	3.6	sq.m.	202	727.2
4	5	0.30	6	sq.m.	202	1212
4	3.5	0.30	4.2			848.4
			TOTAL	69.6	sq.m.	202

7 Providing and fixing formwork including centering, shuttering, strutting staging propping bracing etc. complete and including its removal at all levels for: **columns pillars pier and likes rectangular or square in shape**

30	0.45	8.2	110.7	sq.m.	356	39409.2
38	0.23	8.2	71.668	sq.m.	356	25513.808
8	0.3	8.2	19.68	sq.m.	356	7006.08

4	0.23	3		2.76	sq.m.	356	982.56
4	0.45	3		5.4			1922.4
				TOTAL	210.208	sq.m.	356

8 Providing and fixing formwork including centering, shuttering, strutting staging propping bracing etc. complete and including its removal at all levels for: **Stair case of all type excluding spiral and folded plate type including risers and landing**

				15.12	sq.m.	230	3477.6
				TOTAL	15.1	230	

9 Brick work with well burned chimney. Crushing strength not less than 20 kg/sq.m and water absorption 25% with cement mortar 1:6

2	11	2.9	0.23	14.7	cu.m
1	15	2.9	0.23	10.0	cu.m
4	4	2.9	0.23	10.7	cu.m
1	7	2.9	0.23	4.7	cu.m
1	7	2.9	0.12	2.3	cu.m
4	1.5	2.9	0.12	2.0	cu.m
4	4	2.9	0.12	5.3	cu.m
3	4	2.9	0.12	4.0	cu.m
2	3.5	2.9	0.23	4.7	cu.m
2	5	2.9	0.23	6.7	cu.m

Deduction (door, window, ventilation)

1	1.2	2.1	0.23	0.6	cu.m
4	1	2.1	0.12	1.0	cu.m
5	0.9	2.1	0.12	1.1	cu.m
3	1.2	1.2	0.23	1.0	cu.m
1	1.8	1.2	0.12	0.2	cu.m
1	0.3	1.2	0.11	0.0	cu.m

TOTAL				.	49.8	cu.m	3263	162431
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10 6mm thick cement plaster of mix:

In Cement mortar 1:4 (1 cement : 4 fine sand)

12	11	3.2		422.4	sq.m
2	15	3.2		96.0	sq.m
12	1.5	3.2		57.6	sq.m
4	7	3.2		89.6	sq.m
8	4	3.2		102.4	sq.m
2	15	8.5		255.0	sq.m
2	2	6		24.0	sq.m

Deduction (door, window, ventilation)

2	1.2	2.1		5.0	sq.m
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16	1	2.1	33.6	sq.m
20	0.9	2.1	37.8	sq.m
6	1.2	1.2	8.6	sq.m
4	1.8	1.2	8.6	sq.m
4	0.3	1.2	1.4	sq.m

TOTAL 956.9 sq.m 87 83249

11 12mm thick cement plaster of mix:

In Cement Mortar 1:6 (1 cement : 6 fine sand)

2	11	6.4	140.8	sq.m
2	15	6.4	192.0	sq.m

Deduction (door, window, ventilation)

2	1.2	2.1	5.0	sq.m
6	1.2	1.2	8.6	sq.m

TOTAL 319.1 sq.m 91.5 29199

12 Providing and laying vitrified floor tiles with soluble salt printing of size 600x600 mm with water absorption less than 0.5% and conforming to IS: 15622 of approved make laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.

Size 600x600mm	6	4	4.3	103.2	sq.m
	2	3.5	3.65	25.6	sq.m
	6	1.5	3.5	31.5	sq.m
	2	1.5	2.1	6.3	sq.m
	4	4	5.5	88.0	sq.m

TOTAL 254.6 sq.m 963 245132

13 Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete.

Size 200x300 mm	2	1.2	2.4	5.8	sq.m
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	2	2.5	2.4	12.0	sq.m		
	4	6	2.4	57.6	sq.m		
TOTAL				75.4	sq.m	858	64659
<p>14 15mm thick marble stone slab in tread & risers of steps skirting dado walls and pillars on 12mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) and jointed with grey cement slurry including matching pigment rubbing and polishing etc. complete. (single stone is to be used for risers and treads of steps and width of stone for skirting and dado shall be equal to the height of skirting & dado and length of 1.0 m)</p>							
Udaipur green marble	42	1.2	0.3	15.1	sq.m		
	44	1.2	0.15	7.9	sq.m		
	4	1.2	2.5	12.0	sq.m		
TOTAL				35.0	sq.m	1576	55223
<p>15 Providing and applying 2mm thick ready mix exterior grade putty (Birla wall care, Alltek Superfine W/R of (NCL), J.K. wall putty) on walls to make the surface smooth and even.</p>							
				956.9	sq.m	94.5	90425
<p>16 Distempering with acrylic washable distemper to give an even shade. On new work (Two or more</p>							
				956.9	sq.m	50	47844
<p>17 Painting new exterior surface (two or more coats) with PREMIUM TEXTURED paint as per manufacture's specifications to give protective and decorative finish including clearing washing of surface etc. complete. With:</p>							
On new work (Two or more coats)				956.9	sq.m	220	210514

18 Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement on terrace

50 mm thick	1	15	8.5	127.5	sq.m	254	32385
	1	2	6	12.0	sq.m	254	3048
			TOTAL	139.5			

19 Providing wood work in frames of doors windows, clerestory windows and other frames wrought framed and fixed in position.

Sal, bijasal, benteak, chair, haldu 50000

20 Doors and Windows

Main Gate	1	Unit	10000	10000
Doors	21	Unit	8000	168000
Windows	11	Unit	5000	55000
Vevtilator	4	Unit	2000	8000

21 For aluminum door handle, fittings, railing and all other elements 50000

<u>TOTAL</u>	2734818.7
<u>Add 10% extra for electrification, water supply and sanitary fittings</u>	273481.8746
Grand Total	3008300.6
Say in Lacs	33.08
(THIRTY LACS EIGHT THOUSAND THREE HUNDRED RUPEES ONLY)	

(ER. LEENA SONWANI)

**DETAILED ESTIMATE FOR PROPOSED GROUND FLOOR OF RESEDENTIAL
POONAM THAKUR PLOT NO.- 1157, P.H.NO.- 20, KH.NO.- 1157/2, JHALMALA, BALOD
TAHSIL - BALOD, DISTRICT - BALOD{C.G.}**

S. NO.	ITEM OF WORK	QUANTITY	UNIT	RATE RS.
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.	88.00	Cu.M	180.00
2	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work.	29.00	Cu.M	2659.00
3	1 R.C.C of M 20 grade e/c centring and shuttering & reinforced in super structure upto height of (1:1.5:3)	117.20	Cu.M	4231.00
4	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:	4200.00	KG	54.50

5	Providing and fixing formwork including centering, shuttering, strutting staging propping bracing etc. complete and including its removal at all levels for:	57.35	SQM	139.00
6	Providing and fixing formwork including centering, shuttering, strutting staging propping bracing etc. complete and including its removal at all levels for: Beams Lintels cantilevers and walls	69.00	SQM	200.00
7	Providing and fixing formwork including centering, shuttering, strutting staging propping bracing etc. complete and including its removal at all levels for: columns pillars pier and likes rectangular or square in shape	206.00	SQM	350.00
8	Providing and fixing formwork including centering, shuttering, strutting staging propping bracing etc. complete and including its removal at all levels for: Stair case of all type excluding spiral and folded plate type including risers and landing	15.12	SQM	230.00
9	Brick work with well burned chimney. Crushing strength not less than 20 kg/sq.m and water absorption 25% with cement mortar 1:6	38.00	CU.M	3260.00
10	6mm thick cement plaster of mix:	390.00	SQ.M	87.00
11	12mm thick cement plaster of mix:			

12	Providing and laying vitrified floor tiles with soluble salt printing of size 600x600 mm with water absorption less than 0.5% and conforming to IS: 15622 of approved make laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.	210.00	SQ.M	91.50
13	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete.	125.00	SQ.M	960.00
14	15mm thick marble stone slab in tread & risers of steps skirting dado walls and pillars on 12mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) and jointed with grey cement slurry including matching pigment rubbing and polishing etc. complete. (single stone is to be used for risers and treads of steps and width of stone for skirting and dado shall be equal to the height of skirting & dado and length of 1.0 m)	45.00	SQ.M	851.00
		18.00	SQ.M	1576.00

15	Providing and applying 2mm thick ready mix exterior grade putty (Birla wall care, Alltek Superfine W/R of (NCL), J.K. wall putty) on walls to make the surface smooth and even.	480.00	SQ.M	90.50
16	Distemping with acrylic washable distemper to give an even shade.	556.88	KG	50.00
17	Painting new exterior surface (two or more coats) with PREMIUM TEXTURED paint as per manufacture's specifications to give protective and decorative finish including clearing washing of surface etc. complete. With:	390.00	SQ.M	210.00
18	Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement on terrace	119.00	SQM	245.00
19	Providing wood work in frames of doors windows, clerestory windows and other frames wrought framed and fixed in position. Sal, bijasal, benteak, chair, haldu			
20	Doors and Windows			
	Main Gate	1.00	UNIT	#####
	Doors	10.00	UNIT	8000.00
	Windows	12.00	UNIT	4000.00
	Vevtilator	2.00	UNIT	2000.00

21	For aluminum door handle, fittings, railing and all other elements			
TOTAL GROUND FLOOR				

TOTAL

Add 10% extra for electrification, water supply and sanitary fittings

Grand Total
Say in Lacs
SEVENTEEN LACS SIXTY THOUSAND RUPEES ONLY)

(ER. LEENA SONWA

)
,
**AMOUNT
RS.**

15840.00

77111.00

495891.39

228900.00

7971.65

13800.00

72100.00

3477.60

123880.00

33930.00

19215.00

120000.00

38295.00

28368.00

43440.00

27844.00

81900.00

29155.00

13000.00

8000.00

80000.00

48000.00

4000.00

14000.00

1628118.64

15,97,845.64

159784.564

1757630.504

1760000

(NI)