

DETAILED ESTIMATION FIRST FLOOR							
SI.No	Description Of Work	Nos	Length	Breadth	Depth	Quantity	Unit
1	R.C.C mix 1:2:4 using 20mm Metal & M.Sand for all structural elements Excluding Shuttering, steel work						
a	Column: Column C1	24	1.50	0.75	13.50	364.50	
b	Lintel Beam and Sunshade: Cross Wall Cross Wall Wall	3	26.50	0.75	0.42	25.04	
	Cross Wall Wall	4	10.50	0.75	0.42	13.23	
	Cross Wall Wall	7	8.50	0.75	0.42	18.74	
	Cross Wall Wall	2	7.21	0.75	0.42	4.54	
	Cross Wall Wall	4	6.00	0.75	0.42	7.56	
	Long wall: Long wall Wall	2	60.00	0.75	0.42	37.80	
	Long wall Wall	2	50.00	0.75	0.42	31.50	
	Long wall Wall	2	4.00	0.75	0.42	2.52	
	Long wall Wall	4	6.00	0.75	0.42	7.56	
	Long wall Wall	3	27.00	0.75	0.42	25.52	
c	Roof Beam Cross Wall Cross Wall Wall	3	26.50	0.75	1.50	89.44	
	Cross Wall Wall	4	10.50	0.75	1.50	47.25	
	Cross Wall Wall	7	8.50	0.75	1.50	66.94	
	Cross Wall Wall	2	7.21	0.75	1.50	16.22	
	Cross Wall Wall	4	6.00	0.75	1.50	27.00	
	Long wall: Long wall Wall	2	60.00	0.75	1.50	135.00	
	Long wall Wall	2	50.00	0.75	1.50	112.50	
	Long wall Wall	2	4.00	0.75	1.50	9.00	
	Long wall Wall	4	6.00	0.75	1.50	27.00	
	Long wall Wall	3	27.00	0.75	1.50	91.13	
c	Roof Slab All	1	2385.00		0.50	1192.50	
						2352.48	C.Ft
					Say	66.62	m³

2	Shuttering work						
	<u>Lintel Beam and Sunshade:</u>						
	Cross Wall						
	Cross Wall Wall	3	26.50	1.59	-	126.41	
	Cross Wall Wall	4	10.50	1.59	-	66.78	
	Cross Wall Wall	7	8.50	1.59	-	94.61	
	Cross Wall Wall	2	7.21	1.59	-	22.93	
	Cross Wall Wall	4	6.00	1.59	-	38.16	
	Long wall:						
	Long wall Wall	2	60.00	1.59	-	190.80	
	Long wall Wall	2	50.00	1.59	-	159.00	
	Long wall Wall	2	4.00	1.59	-	12.72	
	Long wall Wall	4	6.00	1.59	-	38.16	
	Long wall Wall	3	27.00	1.59	-	128.79	
	<u>Roof Beam</u>						
	Cross Wall						
	Cross Wall Wall	3	26.50	4.25	-	337.88	
	Cross Wall Wall	4	10.50	4.25	-	178.50	
	Cross Wall Wall	7	8.50	4.25	-	252.88	
	Cross Wall Wall	2	7.21	4.25	-	61.29	
	Cross Wall Wall	4	6.00	4.25	-	102.00	
	Long wall:						
	Long wall Wall	2	60.00	4.25	-	510.00	
Long wall Wall	2	50.00	4.25	-	425.00		
Long wall Wall	2	4.00	4.25	-	34.00		
Long wall Wall	4	6.00	4.25	-	102.00		
Long wall Wall	3	27.00	4.25	-	344.25		
<u>Roof Slab</u>							
Slab	1	2385.00		-	2385.00		
<u>Column:</u>							
Column C1	24	4.50	-	16.00	1728.00		
					7339.13	S.Ft	
					Say 682.08	m²	
3	Fabrication Of Steel including Material, Barbending labour etc., Complete						
	R.C.C Qty Column	1	365.00	10.34	100.00	1033.70	
	R.C.C Qty Lintel Beam	1	174.00	4.93	100.00	492.78	
	R.C.C Qty Roof Beam	1	622.00	17.62	100.00	1761.54	
	R.C.C Qty Slab	1	1192.00	33.76	100.00	3375.81	
						6663.83	Kg
					6.66	Ton	

4	Superstructure wall using Chamber Brick with 9" thick in CM 1:6 for All Walls complete.							
	Cross Wall							
	Cross Wall	Wall	3	26.50	0.75	8.58	511.58	
	Cross Wall	Wall	4	10.50	0.75	8.58	270.27	
	Cross Wall	Wall	7	8.50	0.75	8.58	382.88	
	Cross Wall	Wall	2	7.21	0.75	8.58	92.79	
	Cross Wall	Wall	4	6.00	0.75	8.58	154.44	
	Long wall:							
	Long wall	Wall	2	60.00	0.75	8.58	772.20	
	Long wall	Wall	2	50.00	0.75	8.58	643.50	
	Long wall	Wall	2	4.00	0.75	8.58	51.48	
	Long wall	Wall	4	6.00	0.75	8.58	154.44	
	Long wall	Wall	3	27.00	0.75	8.58	521.24	
	Deduction:-							
	Door	MD	3	3.50	0.75	7.00	55.13	
	Door	D1	5	3.00	0.75	7.00	78.75	
	Door	D2	7	2.50	0.75	7.00	91.88	
	Window	W	10	4.00	0.75	4.00	120.00	
	Ventilator	V	7	2.00	0.75	2.00	21.00	
							3188.07	C.Ft
					Say	90.29	m³	
5	Doors with necessary fitting etc. completed.							
	Door	MD	3	3.50	-	7.00	73.50	
	Door	D1	5	3.00	-	7.00	105.00	
	Door	D2	7	2.50	-	7.00	122.50	
							301.00	S.Ft
					Say	27.97	m²	
6	Window & Grills supplying & fixing							
	Window	W	10	4.00	-	4.00	160.00	
	Ventilator	V	7	2.00	-	2.00	28.00	
						188.00	S.Ft	
					Say	17.47	m²	
7	Ceiling plastering in CM 1:3 for RCC exposed area with good hacking for slab bottom smooth area							
	General Ward		1	13.75	19.83	-	272.66	
	Ramp		1	27.00	9.50	-	256.50	
	Nurse Station		1	8.50	5.00	-	42.50	
	Room1		1	11.00	10.50	-	115.50	

	Room2	1	11.00	10.50	-	115.50	
	Room3	1	11.00	8.50	-	93.50	
	Room4	1	9.50	8.50	-	80.75	
	Room5	1	9.50	8.50	-	80.75	
	ICU	1	20.62	10.00	-	206.20	
	Corridor	1	60.00	5.00	-	300.00	
	Tiolet	2	7.21	4.00	-	57.68	
	Tiolet	1	8.50	4.50	-	38.25	
	Tiolet	2	8.50	3.35	-	56.95	
	Tiolet	2	6.00	4.00	-	48.00	
						1764.74	S.Ft
					Say	164.01	m²
8	Wall Plastering work for internal wall in cm 1:5 with 12mm thick						
	General Ward	1	68.00	-	10.00	680.00	
	Ramp	1	74.00	-	10.00	740.00	
	Nurse Station	1	27.00	-	10.00	270.00	
	Room1	1	43.00	-	10.00	430.00	
	Room2	1	43.00	-	10.00	430.00	
	Room3	1	39.00	-	10.00	390.00	
	Room4	1	36.00	-	10.00	360.00	
	Room5	1	36.00	-	10.00	360.00	
	ICU	1	62.00	-	10.00	620.00	
	Corridor	1	130.00	-	10.00	1300.00	
	Lift	1	26.00	-	10.00	260.00	
	Tiolet	2	22.00	-	10.00	440.00	
	Tiolet	1	24.00	-	10.00	240.00	
	Tiolet	2	24.00	-	10.00	480.00	
	Tiolet	2	21.00	-	10.00	420.00	
	Deduction:-						
	Door MD	3	3.50	-	7.00	73.50	
	Door D1	5	3.00	-	7.00	105.00	
	Door D2	7	2.50	-	7.00	122.50	
	Window W	10	4.00	-	4.00	160.00	
	Ventilator V	7	2.00	-	2.00	28.00	
						6931.00	S.Ft
					Say	644.14	m²
9	Wall Plastering work for External wall in cm 1:6 with 20mm thick						
	All Around Wall	1	234.00	-	16.00	3744.00	
	Deduction:-						
	Window W	10	4.00	-	4.00	160.00	
	Ventilator V	7	2.00	-	2.00	28.00	
						3556.00	S.Ft
					Say	330.48	m²

10	Vitrified Tile Flooring Work Supply & Fixing							
	Floor							
	General Ward	1	68.00	-	10.00	680.00		
	Ramp	1	74.00	-	10.00	740.00		
	Nurse Station	1	27.00	-	10.00	270.00		
	Room1	1	43.00	-	10.00	430.00		
	Room2	1	43.00	-	10.00	430.00		
	Room3	1	39.00	-	10.00	390.00		
	Room4	1	36.00	-	10.00	360.00		
	Room5	1	36.00	-	10.00	360.00		
	ICU	1	62.00	-	10.00	620.00		
	Corridor	1	130.00	-	10.00	1300.00		
	Skirting							
	All	1	656.00	-	0.50	328.00		
					5908.00		S.Ft	
				Say	549.07		m²	
11	Vitrified Tile Walls Work Supply & Fixing							
	General Ward	1	68.00	-	7.00	476.00		
	Ramp	1	74.00	-	7.00	518.00		
	Nurse Station	1	27.00	-	7.00	189.00		
	Room1	1	43.00	-	7.00	301.00		
	Room2	1	43.00	-	7.00	301.00		
	Room3	1	39.00	-	7.00	273.00		
	Room4	1	36.00	-	7.00	252.00		
	Room5	1	36.00	-	7.00	252.00		
	ICU	1	62.00	-	7.00	434.00		
	Corridor	1	130.00	-	7.00	910.00		
	Deduction:-							
	Door MD	3	3.50	-	7.00	73.50		
	Door D1	5	3.00	-	7.00	105.00		
	Door D2	7	2.50	-	7.00	122.50		
	Window W	10	4.00	-	4.00	160.00		
Ventilator V	7	2.00	-	2.00	28.00			
					3417.00		S.Ft	
				Say	317.57		m²	
12	Non Vitrified Ceramic Tiles size 1'0"x1'0" for Toilet Floor, Ceramic Tiles Size 12"x8" & 10"x13" for Toilet Supply & Fixing							
	Toilets	2	7.00	4.00	-	28.00		
	Wall Tiles	2	21.00	-	7.00	294.00		

	Toilets	1	8.50	4.50	-	38.25	
	Wall Tiles	1	23.00	-	7.00	161.00	
	Toilets	2	8.50	4.00	-	34.00	
	Wall Tiles	2	23.00	-	7.00	322.00	
	Toilets	2	6.00	4.00	-	24.00	
	Wall Tiles	2	20.00	-	7.00	280.00	
	Deduction:-						
	Door 2	7	2.50	-	7.00	122.50	
						1058.75	S.Ft
					Say	98.40	m²
13	Staircase	L.S					
14	Painting Work						
	interior	1	8695.74			8695.74	
	Exterior	1	3556.00			3556.00	
						12251.74	S.Ft
					Say	1138.64	m²
15	Electrical concealed wiring with switches Excluding circuit MCB fittings, light & fan fittings etc.,	L.S					
16	Sanitary & Plumbing Work	L.S					
17	Interior	L.S					
18	Exterior	L.S					
19	Handrails	L.S					
20	Round Off	L.S					