

DETAILED ESTIMATION SECOND FLOOR							
Sl.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	<b>Column:</b> Column C1	24	1.50	0.75	13.50	364.50	
b	<b>Lintel Beam and Sunshade:</b> <b>Cross Wall</b> 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	
	<b>Long wall:</b> 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	<b>Roof Beam</b> <b>Cross Wall</b> 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	
	<b>Long wall:</b> 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	<b>Roof Slab</b> All	1	2385.00		0.50	1192.50	
						<b>2352.48</b>	<b>C.Ft</b>
					<b>Say</b>	<b>66.62</b>	<b>m³</b>
2	<b>Shuttering work</b> <b>Lintel Beam and Sunshade:</b> <b>Cross Wall</b> Cross Wall Wall	3	26.50	1.59	-	126.41	

3	Cross Wall	Wall	4	10.50	1.59	-	66.78	S.Ft m <sup>2</sup>	
	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		
	<b>Long wall:</b>								
	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		
	<b>Roof Beam</b>								
	<b>Cross Wall</b>								
	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		
	<b>Long wall:</b>								
	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		
	<b>Roof Slab</b>								
	Slab		1	2385.00		-	2385.00		
	<b>Column:</b>								
	Column	C1	24	4.50	-	16.00	1728.00		
						<b>7339.13</b>			
						<b>Say 682.08</b>			
<b>Fabrication Of Steel including Material, Barbending labour etc., Complete</b>									
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			
						<b>6663.83</b>	<b>Kg</b>		
						<b>6.66</b>	<b>Ton</b>		
4	<b>Superstructure wall using Chamber Brick with 9" thick in CM 1:6 for All Walls complete.</b>								
	<b>Cross Wall</b>								
	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	
	<b>Long wall:</b>							
	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	
	<b>Deduction:-</b>							
	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	
							<b>3188.07</b>	<b>C.Ft</b>
						<b>Say</b>	<b>90.29</b>	<b>m<sup>3</sup></b>
<b>5</b>	<b>Doors with necessary fitting etc. completed.</b>							
	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	
							<b>301.00</b>	<b>S.Ft</b>
						<b>Say</b>	<b>27.97</b>	<b>m<sup>2</sup></b>
<b>6</b>	<b>Window &amp; Grills supplying &amp; fixing</b>							
	Window	W	10	4.00	-	4.00	160.00	
	Ventilator	V	7	2.00	-	2.00	28.00	
							<b>188.00</b>	<b>S.Ft</b>
						<b>Say</b>	<b>17.47</b>	<b>m<sup>2</sup></b>
<b>7</b>	<b>Ceiling plastering in CM 1:3 for RCC exposed area with good hacking for slab bottom smooth area</b>							
	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	
						<b>1764.74</b>	<b>S.Ft</b>
<b>8</b>	<b>Wall Plastering work for internal wall in cm 1:5 with 12mm thick</b>				<b>Say</b>	<b>164.01</b>	<b>m<sup>2</sup></b>
	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	
	<b>Deduction:-</b>						
	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	
						<b>6931.00</b>	<b>S.Ft</b>
<b>9</b>	<b>Wall Plastering work for External wall in cm 1:6 with 20mm thick</b>				<b>Say</b>	<b>644.14</b>	<b>m<sup>2</sup></b>
	All Around Wall	1	234.00	-	16.00	3744.00	
	<b>Deduction:-</b>						
	Window W	10	4.00	-	4.00	160.00	
	Ventilator V	7	2.00	-	2.00	28.00	
						<b>3556.00</b>	<b>S.Ft</b>
<b>10</b>	<b>Vitrified Tile Flooring Work Supply &amp; Fixing Floor</b>				<b>Say</b>	<b>330.48</b>	<b>m<sup>2</sup></b>
	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	
	<b>Skirting</b>						
	All	1	656.00	-	0.50	328.00	
11						<b>5908.00</b>	S.Ft m <sup>2</sup>
					<b>Say</b>	<b>549.07</b>	
	<b>Vitrified Tile Walls</b>						
	<b>Work Supply &amp; Fixing</b>						
	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		
<b>Deduction:-</b>							
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		
						<b>3417.00</b>	S.Ft m <sup>2</sup>
				<b>Say</b>	<b>317.57</b>		
12	<b>Non Vitrified Ceramic Tiles size 1'0"x1'0" for Toilet Floor, Ceramic Tiles Size 12"x8" &amp; 10"x13" for Toilet Supply &amp; Fixing</b>						
	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	
	<b>Deduction:-</b>						
	Door 2	7	2.50	-	7.00	122.50	
						<b>1058.75</b>	<b>S.Ft</b>
					<b>Say</b>	<b>98.40</b>	<b>m<sup>2</sup></b>
<b>13</b>	<b>Staircase</b>	<b>L.S</b>					
<b>14</b>	<b>Painting Work</b>						
	interior	1	8695.74			<b>8695.74</b>	
	Exterior	1	3556.00			<b>3556.00</b>	
						<b>12251.74</b>	<b>S.Ft</b>
					<b>Say</b>	<b>1138.64</b>	<b>m<sup>2</sup></b>
<b>15</b>	<b>Electrical concealed wiring with switches Excluding circuit MCB fittings, light &amp; fan fittings etc.,</b>	<b>L.S</b>					
<b>16</b>	<b>Sanitary &amp; Plumbing Work</b>	<b>L.S</b>					
<b>17</b>	<b>Interior</b>	<b>L.S</b>					
<b>18</b>	<b>Exterior</b>	<b>L.S</b>					
<b>19</b>	<b>Handrails</b>	<b>L.S</b>					
<b>20</b>	<b>Round Off</b>	<b>L.S</b>					