



**FOREST ENVIRONMENT AND CLIMATE CHANGE  
DEPARTMENT**

**NAME OF DIVISION**

**BRAHMAPUR FOREST DIVISION**

**NAME OF WORK-**

**ESTIMATE FOR CONSTRUCTION OF  
MINISTERIAL STAFF QUARTER  
OF FOREST DEPARTMENT  
AT BRAHMAPUR.**

**ESTIMATED COST-**

**51, 04,000/-**

## GENERAL ABSTRACT

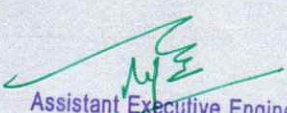
### CONSTRUCTION OF MINISTERIAL STAFF QUARTER OF FOREST DEPARTMENT AT BRAHMAPUR.

A) CIVIL WORK :-

(i) GROUND FLOOR	₹	20,76,133.89
(ii) FIRST FLOOR	₹	15,94,789.02
(iii) TERRACE FLOOR	₹	2,61,342.31
<b>TOTAL</b>	<b>₹</b>	<b>39,32,265.22</b>

B) ELECTRICAL & PH WORK

(i) ELECTRICAL WORK 5% ON (39,32,265.22)	₹	1,96,613.26
(ii) PH WORK 5% ON (39,32,265.22)	₹	1,96,613.26
<b>TOTAL</b>	<b>₹</b>	<b>43,25,491.74</b>
ADD FOR C.G.S.T 9% ON (43,25,491.74)	₹	3,89,294.26
ADD FOR S.G.S.T 9% ON (43,25,491.74)	₹	3,89,294.26
<b>SUB TOTAL</b>	<b>₹</b>	<b>51,04,080.26</b>
<b>SAY</b>	<b>₹</b>	<b>51,04,000.00</b>

  
Assistant Executive Engineer  
(R & B) Sub-Division  
CHATRAPUR

  
Asst. Conservator of Forests  
Wc. Berhampur Range





**CONSTRUCTION OF MINISTERIAL STAFF QUARTER OF FOREST  
DEPARTMENT AT BRAHMAPUR.**

**GROUND FLOOR**

SL NO	ITEM	NOS	LENGTH	BREADTH	HEIGHT	QTY	UNIT	RATE	AMOUNT
<b>1 Earth work in all kind of soil with initial lead and lift including rough dressing in layers not exceeding 0.3m in depth and the Earth transported by transport vehicles as directed by the Engineer-in-charge.</b>									
	F1	12	4.50	4.50	4.00	972.00	Cft		
	F2	6	4.00	4.00	4.00	384.00	Cft		
WALL	Horizontal	4	6.00	2.00	2.00	96.00	Cft		
		4	11.25	2.00	2.00	180.00	Cft		
		1	5.00	2.00	2.00	20.00	Cft		
		1	3.75	2.00	2.00	15.00	Cft		
	Vertical	2	7.83	2.00	2.00	62.64	Cft		
		2	7.33	2.00	2.00	58.64	Cft		
		2	4.83	2.00	2.00	38.64	Cft		
	Step	1	9.66	3.83	1.25	46.25	Cft		
						1873.17	Cft		
						<b>53.01</b>	<b>Cum</b>	<b>298.32</b>	<b>₹ 15,813.94</b>
<b>2 Providing and filling fine sand in foundation and plinth including watering, ramming and compacting upto required depth as per drawing in layers as per the direction of engineer-in-charge.</b>									
	F1	12	4.50	4.50	0.50	121.50	Cft		
	F2	6	4.00	4.00	0.50	48.00	Cft		
WALL	Horizontal	4	9.16	2.00	0.50	36.64	Cft		
		4	14.50	2.00	0.50	58.00	Cft		
		2	7.00	2.00	0.50	14.00	Cft		
	Vertical	4	11.00	2.00	0.50	44.00	Cft		
		2	8.00	2.00	0.50	16.00	Cft		
	Step	1	9.66	3.83	0.50	18.50	Cft		
	<b>Below Floor</b>								
	Staircase	1	7.00	16.33	1.75	200.04	Cft		
	<b>Flat-1</b>								
	Living	1	14.91	8.41	1.75	219.44	Cft		
	Kitchen	1	10.00	8.41	1.75	147.18	Cft		
	Bed Room	1	10.00	11.00	1.75	192.50	Cft		
	Toilet	1	7.00	4.50	1.75	55.13	Cft		
		1	4.50	3.58	1.75	28.19	Cft		
	Bed Room	1	10.00	11.00	1.75	192.50	Cft		
	<b>Flat-2</b>								
	Living	1	14.91	8.41	1.75	219.44	Cft		
	Kitchen	1	10.00	8.41	1.75	147.18	Cft		
	Bed Room	1	10.00	11.00	1.75	192.50	Cft		
	Toilet	1	7.00	4.50	1.75	55.13	Cft		
		1	4.50	3.58	1.75	28.19	Cft		
	Bed Room	1	10.00	11.00	1.75	192.50	Cft		
						2226.54	Cft		
						<b>63.01</b>	<b>Cum</b>	<b>1593.17</b>	<b>₹ 1,00,385.64</b>

**3 Plain cement concrete (1:3:6) in foundation using 40 mm black hard crusher broken granite stone** metal of approved quality from approved quarry including lowering, laying, & compacting concrete in layers not exceeding 15 cm thick, watering & curing, including cost, conveyance, royalty & taxes of all materials, all labour cost, T & P etc, complete as per the direction of engineer-in-charge.

	F1	12	4.50	4.50	0.33	80.19	Cft			
	F2	6	4.00	4.00	0.33	31.68	Cft			
WALL	Horizontal	4	9.16	2.00	0.50	36.64	Cft			
		4	14.50	2.00	0.50	58.00	Cft			
		2	7.00	2.00	0.50	14.00	Cft			
		4	11.00	2.00	0.50	44.00	Cft			
	Vertical	2	8.00	2.00	0.50	16.00	Cft			
		1	9.66	3.83	0.50	18.50	Cft			
	Step									
	<b>Below Floor</b>									
		Staircase	1	7.00	16.33	0.25	28.58	Cft		
	<b>Flat-1</b>									
		Living	1	14.91	8.41	0.25	31.35	Cft		
	Kitchen	1	10.00	8.41	0.25	21.03	Cft			
	Bed Room	1	10.00	11.00	0.25	27.50	Cft			
	Toilet	1	7.00	4.50	0.25	7.88	Cft			
		1	4.50	3.58	0.25	4.03	Cft			
	Bed Room	1	10.00	11.00	0.25	27.50	Cft			
<b>Flat-2</b>										
	Living	1	14.91	8.41	0.25	31.35	Cft			
	Kitchen	1	10.00	8.41	0.25	21.03	Cft			
	Bed Room	1	10.00	11.00	0.25	27.50	Cft			
	Toilet	1	7.00	4.50	0.25	7.88	Cft			
		1	4.50	3.58	0.25	4.03	Cft			
	Bed Room	1	10.00	11.00	0.25	27.50	Cft			
						566.14	Cft			
						16.02	Cum	6087.61 ₹	97,523.51	

**4 Brick Work in F&P in cement mortar 1:6** (1 cement :6 coarse sand) using Fly ash bricks(10") of approved quality including watering, curing cost of all materials, labour, T & P taxes etc.Complete.

WALL	Horizontal	4	9.16	1.66	0.25	15.21	Cft		
		4	9.16	1.25	0.50	22.90	Cft		
		4	9.16	0.83	1.58	48.05	Cft		
		4	14.50	1.66	0.25	24.07	Cft		
		4	14.50	1.25	0.50	36.25	Cft		
		4	14.50	0.83	1.41	67.88	Cft		
		2	7.00	1.66	0.25	5.81	Cft		
		2	7.00	1.25	0.50	8.75	Cft		
	Vertical	2	7.00	0.83	1.58	18.36	Cft		
		4	11.00	1.66	0.25	18.26	Cft		
		4	11.00	1.25	0.50	27.50	Cft		
		4	11.00	0.83	1.58	57.70	Cft		
Step	2	8.00	1.66	0.25	6.64	Cft			
	2	8.00	1.25	0.50	10.00	Cft			
	2	8.00	0.83	1.58	20.98	Cft			
	1	8.66	2.50	0.50	10.83	Cft			
	1	8.66	1.66	0.50	7.19	Cft			
	1	8.66	0.83	0.50	3.59	Cft			
					409.96	Cft			
					11.60	Cum	5825.92 ₹	67,580.67	

5 Providing and laying Reinforced Cement Concrete Grade M-20 in various locations (Raft, Column footing, plinth band, chajja, drop and lintel, slab) laid, consolidated and cured excluding reinforcement but including centring and shuttering shuttering at all levels.

A Column footing	F1	12	4.50	4.50	1.25	303.75	Cft			
	F2	6	4.00	4.00	1.00	96.00	Cft			
						399.75	Cft			
						<b>11.31</b>	Cum	<b>6533.76</b>	₹	<b>73,896.83</b>
B Column	C1	12	0.83	1.25	14.00	174.24	Cft			
	C2	6	0.83	0.83	14.25	58.88	Cft			
						233.12	Cft			
						<b>6.60</b>	Cum	<b>15674.24</b>	₹	<b>1,03,449.98</b>
C Plinth beam WALL	Horizontal	3	9.16	0.83	0.66	15.05	Cft			
		3	14.50	0.83	0.83	29.97	Cft			
		1	4.50	0.83	0.66	2.47	Cft			
		3	7.00	0.83	0.66	11.50	Cft			
		3	14.50	0.83	0.83	29.97	Cft			
		1	4.50	0.83	0.66	2.47	Cft			
		3	9.16	0.83	0.66	15.05	Cft			
	Vertical	6	11.00	0.83	0.66	36.15	Cft			
		2	11.00	0.83	0.66	12.05	Cft			
		6	8.00	0.83	0.66	26.29	Cft			
						180.98	Cft			
						<b>5.12</b>	Cum	<b>7399.69</b>	₹	<b>37,886.41</b>
D Lintel	window	W	7	6.00	0.83	0.58	20.22	Cft		
		W1	2	5.00	0.83	0.58	4.81	Cft		
		V	2	4.00	0.83	0.58	3.85	Cft		
	door	D1	2	5.50	0.83	0.58	5.30	Cft		
		GD	1	8.66	0.83	0.58	4.17	Cft		
						<b>Total = A</b>	<b>38.35</b>	Cft		
		D1	4	5.50	0.41	0.58	5.23	Cft		
		D2	2	5.00	0.41	0.58	2.38	Cft		
		D3	2	4.50	0.41	0.58	2.14	Cft		
		Opening	2	5.50	0.41	0.58	2.62	Cft		
						<b>Total = B</b>	<b>12.37</b>	Cft		
					<b>Total = (A+B)</b>	<b>50.72</b>	Cft			
					<b>1.44</b>	Cum	<b>14143.06</b>	₹	<b>20,366.01</b>	
E Chajja	W	7	5.00	2.00		70.00	Sft			
	W1	2	4.00	2.00		16.00	Sft			
	V	2	3.00	2.00		12.00	Sft			
	GD	1	8.66	2.00		17.32	Sft			
	Kitchen Counter	2	18.06	2.41		87.05	Sft			
						202.37	Sft			
						<b>18.80</b>	Sqm	<b>1230.64</b>	₹	<b>23,136.03</b>
F Staircase	Waist slab	1	9.33	4.33	0.50	20.20	Cft			
		1	8.50	4.33	0.50	18.40	Cft			
	Step(1/2x19)	9.5	3.50	0.83	0.50	13.80	Cft			
	Landing slab	1	7.00	3.50	0.50	12.25	Cft			

			1	7.00	4.50	0.50	15.75	Cft		
			1	3.50	0.83	0.50	1.45	Cft		
	Landing beam		1	7.00	0.83	0.83	4.82	Cft		
							86.68	Cft		
							2.45	Cum	15550.54 ₹	38,098.82
<b>G</b>	<b>Roof beam</b>									
	WALL	Horizontal	3	9.16	0.83	0.50	11.40	Cft		
			3	14.50	0.83	0.66	23.83	Cft		
			1	4.50	0.83	0.50	1.87	Cft		
			3	7.00	0.83	0.50	8.72	Cft		
			3	14.50	0.83	0.66	23.83	Cft		
			1	4.50	0.83	0.50	1.87	Cft		
		Vertical	3	9.16	0.83	0.50	11.40	Cft		
			6	11.00	0.83	0.50	27.39	Cft		
			2	11.00	0.83	0.50	9.13	Cft		
			6	8.00	0.83	0.50	19.92	Cft		
							139.36	Cft		
							3.94	Cum	15674.24 ₹	61,756.51
<b>H</b>	<b>RoofSlab</b>									
			1	61.00	21.50	0.375	491.81	Cft		
		DEDUCT	-1	7.00	3.50	0.375	-9.19	Cft		
		Staircase	-1	7.00	16.33	0.375	-42.87	Cft		
							439.76	Cft		
							12.45	Cum	13708.74 ₹	1,70,673.81

**6 High yield strength deformed bar reinforcement** of approved quality(SAIL,TATA,JINDAL,or equivalent) in all reinforced concrete work including cutting bending, laying in position to the shape and profile required at all levels, binding with 18 gauge steel wire and cost of binding wire etc. complete.

Column footing			11.31	Cum	0.50	5.66	Qntl		
Column			6.60	Cum	1.20	7.92	Qntl		
Plinth beam			5.12	Cum	1.20	6.14	Qntl		
Lintel band			1.44	Cum	0.90	1.30	Qntl		
Chajja			18.80	sqm	0.05	0.94	Qntl		
Staircase			2.45	Cum	1.20	2.94	Qntl		
Roof beam			3.94	Cum	1.20	4.73	Qntl		
Roof slab			12.45	Cum	0.80	9.96	Qntl		
						39.58	Qntl	8808.72 ₹	3,48,649.14

**7 Brick Work in superstructure in cement mortar 1:6** (1 cement :6 coarse sand) using flyash bricks of approved quality including watering, curing cost of all materials, labour, T & P taxes etc.Complete.

**HORIZONTAL**

WALL	Horizontal	4	9.16	0.83	9.63	292.71	Cft	
		4	14.50	0.83	9.55	459.50	Cft	
		2	7.00	0.83	9.63	111.84	Cft	
	Vertical	4	11.00	0.83	9.63	351.51	Cft	
		4	8.00	0.83	9.63	255.64	Cft	
Deduct	Lintel					-38.350	Cft	
	W	-7	4.000	0.830	4.500	-104.580	Cft	
	W1	-2	3.000	0.830	4.500	-22.410	Cft	

V	-2	2.000	0.830	2.000	-6.640	Cft
GD	-1	7.000	0.830	7.000	-40.670	Cft
D1	-2	3.500	0.830	7.000	-40.670	Cft
					1217.872	Cft
					<b>34.470</b>	<b>Cum 5859.25 ₹ 2,01,968.35</b>

- 8 Brick Work in superstructure in cement mortar 1:4 (1 cement :4 coarse sand) using flyash bricks of approved quality including watering, curing cost of all materials, labour, T & P taxes etc.Complete.

#### HORIZONTAL

WALL	Horizontal	2	9.16	0.410	9.63	72.30	Cft	
		2	14.50	0.410	9.54	113.43	Cft	
		2	4.50	0.410	9.63	35.52	Cft	
	Vertical	4	11.00	0.410	9.63	173.64	Cft	
		2	8.00	0.410	9.63	63.14	Cft	
	Deduct	Lintel					<b>-12.366</b>	Cft
		Opening	-2	4.500	0.41	7.000	-25.830	Cft
		D1	-4	3.500	0.410	7.000	-40.180	Cft
		D2	-2	3.000	0.410	7.000	-17.220	Cft
		D3	-2	2.500	0.410	7.000	-14.350	Cft
					348.072	Cft		
					<b>9.850</b>	<b>Cum 6066.61 ₹ 59,756.11</b>		

- 9 Providing 12mm thick cement plaster (1:6) over brick masonry including racking out joints finishing smooth with proper planes and line curing for 7 days with cost conveyance royalty taxes of all materials labour T and P required.

#### OUTSIDE PLASTER

Front Side	1	61.00		12.50	762.50	Sft
Left Side	1	21.50		12.50	268.75	Sft
Back Side	1	61.00		12.50	762.50	Sft
	2	7.50		12.50	187.50	Sft
Right Side	1	21.50		12.50	268.75	Sft
Chajja					<b>202.37</b>	<b>Sft</b>
Deduct	W	-3.5	4.000	4.500	-63.00	Sft
	W1	-1	3.000	4.500	-13.50	Sft
	V	-1	2.000	2.000	-4.00	Sft
	GD	-0.5	7.000	7.000	-24.50	Sft
					2347.37	Sft
					<b>218.07</b>	<b>Sqm 198.38 ₹ 43,260.73</b>

- 10 Providing 16mm thick cement plaster (1:6) over brick masonry including racking out joints finishing smooth with proper planes and line curing for 7 days with cost conveyance royalty taxes of all materials labour T and P required.

#### INSIDE PLASTER

Staircase	2	7.00		10.08	141.12	Sft
	2	16.33		10.08	329.21	Sft
<b>Flat-1</b>						
Living Room	2	14.91		10.08	300.59	Sft
	2	8.41		10.08	169.55	Sft
Kitchen	2	10.00		10.08	201.60	Sft
	2	8.41		10.08	169.55	Sft
Bed Room	2	10.00		10.08	201.60	Sft
	2	11.00		10.08	221.76	Sft



	Toilet	2	4.50		10.08	90.72	Sft
		2	7.00		10.08	141.12	Sft
	Toilet Front Side	2	4.00		10.08	80.64	Sft
		2	4.50		10.08	90.72	Sft
	Bed Room	2	10.00		10.08	201.60	Sft
		2	11.00		10.08	221.76	Sft
	<b>Flat-2</b>						
	Living Room	2	14.91		10.08	300.59	Sft
		2	8.41		10.08	169.55	Sft
	Kitchen	2	10.00		10.08	201.60	Sft
		2	8.41		10.08	169.55	Sft
	Bed Room	2	10.00		10.08	201.60	Sft
		2	11.00		10.08	221.76	Sft
	Toilet	2	4.50		10.08	90.72	Sft
		2	7.00		10.08	141.12	Sft
	Toilet Front Side	2	4.00		10.08	80.64	Sft
		2	4.50		10.08	90.72	Sft
	Bed Room	2	10.00		10.08	201.60	Sft
		2	11.00		10.08	221.76	Sft
Deduct	W	-3.5	4.000		4.500	-63.00	Sft
	W1	-1	3.000		4.500	-13.50	Sft
	V	-1	2.000		2.000	-4.00	Sft
	Opening	-4	4.500		7.000	-126.00	Sft
	GD	-0.5	7.000		7.000	-24.50	Sft
	D1	-6	3.500		7.000	-147.00	Sft
	D1	-2	3.000		7.000	-42.00	Sft
	D2	-2	2.500		7.000	-35.00	Sft
						4197.73	Sft
					<b>389.97</b>	<b>Sqm</b>	<b>283.36</b>
							<b>₹ 1,10,501.90</b>

**11 Providing 6mm thick cement plaster (1:4) over RCC works including deep chipping the surface & finishing smooth with proper planes and line curing for 7 days with cost conveyance royalty taxes of all materials labour T and P required.**

	<b>Flat-1</b>						
	Living Hall	1	14.91	8.41		125.39	Sft
	Kitchen	1	10.00	8.41		84.10	Sft
	Bed Room	1	10.00	11.00		110.00	Sft
	Toilet	1	4.50	7.00		31.50	Sft
	Toilet Front	1	4.50	4.00		18.00	Sft
	Bed Room	1	10.00	11.00		110.00	Sft
	<b>Flat-2</b>						
	Living Hall	1	14.91	8.41		125.39	Sft
	Kitchen	1	10.00	8.41		84.10	Sft
	Bed Room	1	10.00	11.00		110.00	Sft
	Toilet	1	4.50	7.00		31.50	Sft
	Toilet Front	1	4.50	4.00		18.00	Sft
	Bed Room	1	10.00	11.00		110.00	Sft
	Chajja					<b>202.37</b>	<b>Sft</b>
	Staircase						
	Waist slab	1	9.33	3.50		32.66	Sft
		1	8.50	3.50		29.75	Sft
	Landing slab	1	7.00	3.50		24.50	Sft



1	7.00	4.50	31.50	Sft				
1	3.50	0.83	2.91	Sft				
			1281.67	Sft				
			119.07	Sqm	214.02	₹		25,483.36

**12 Providing and laying Ceramic tiles(of approved quality) in floor of size 300x300/400x400 mm of minimum thickness 10mm of 1st quality of approved make Laid over 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigments etc.with cost conveyance royalty taxes of all materials labour T and P required.**

Staircase	1	7.00	16.33	114.31	Sft			
<b>Flat-1</b>								
Living Hall	1	14.91	8.41	125.39	Sft			
Kitchen	1	10.00	8.41	84.10	Sft			
Bed Room	1	10.00	11.00	110.00	Sft			
Toilet	1	4.50	7.00	31.50	Sft			
Toilet Front	1	4.50	4.00	18.00	Sft			
Bed Room	1	10.00	11.00	110.00	Sft			
<b>Flat-2</b>								
Living Hall	1	14.91	8.41	125.39	Sft			
Kitchen	1	10.00	8.41	84.10	Sft			
Bed Room	1	10.00	11.00	110.00	Sft			
Toilet	1	4.50	7.00	31.50	Sft			
Toilet Front	1	4.50	4.00	18.00	Sft			
Bed Room	1	10.00	11.00	110.00	Sft			
				1072.30	Sft			
			99.62	Sqm	914.87	₹		91,139.35

**13 Providing and laying Ceramic tiles(of approved quality) in floor of size 300x300/400x400 mm of minimum thickness 10mm of 1st quality of approved make Laid over 12mm thick cement mortar 1:3 (1 cement : 3 coarse sand) including pointing the joints with white cement and matching pigments etc.with cost conveyance royalty taxes of all materials labour T and P required.**

**DADO**

Staircase	2	7.00	0.50	7.00	Sft			
	2	16.33	0.50	16.33	Sft			
<b>Flat-1</b>								
Living Room	2	14.91	0.50	14.91	Sft			
	2	8.41	0.50	8.41	Sft			
Kitchen	2	10.00	0.50	10.00	Sft			
	2	8.41	0.50	8.41	Sft			
Bed Room	2	10.00	0.50	10.00	Sft			
	2	11.00	0.50	11.00	Sft			
Toilet Front Side	2	4.00	0.50	4.00	Sft			
Bed Room	2	10.00	0.50	10.00	Sft			
	2	11.00	0.50	11.00	Sft			
<b>Flat-2</b>								
Living Room	2	14.91	0.50	14.91	Sft			
	2	8.41	0.50	8.41	Sft			
Kitchen	2	10.00	0.50	10.00	Sft			
	2	8.41	0.50	8.41	Sft			
Bed Room	2	10.00	0.50	10.00	Sft			
	2	11.00	0.50	11.00	Sft			

Toilet Front Side	2	4.00	0.50	4.00	Sft			
Bed Room	2	10.00	0.50	10.00	Sft			
	2	11.00	0.50	11.00	Sft			
				198.79	Sft			
				<b>18.47</b>	<b>Sqm</b>	<b>1040.24</b>	<b>₹</b>	<b>19,213.23</b>

- 14 Providing and laying Glazed tiles(of approved quality) in wall of minimum thickness 10mm of 1st quality of approved make Laid over 12mm thick cement mortar 1:3 (1 cement : 3 coarse sand) including filling the joints with white cement and matching pigments etc.with cost conveyance royalty taxes of all materials labour T and P required.

Toilet	4	7.00	5.00	140.00	Sft			
	4	4.50	5.00	90.00	Sft			
Deduct D3	-2	2.50	5.00	-25.00	Sft			
Kitchen	2	10.00	2.00	40.00	Sft			
	2	8.41	2.00	33.64	Sft			
Deduct W1	-2	3.00	2.00	-12.00	Sft			
				266.64	Sft			
				<b>24.77</b>	<b>Sqm</b>	<b>988.11</b>	<b>₹</b>	<b>24,475.48</b>

- 15 Providing & fixing 16 mm thick Kota stone(above 0.1 sqm) in steps, landing, dadoes over 20 mm thick cement mortar (1:4) including rounding edges with cost conveyance royalty taxes of all materials labour T & P required.

Kitchen Counter	2	16.41	2.00	65.64	Sft			
Staircase								
Staircase Tread	19	3.50	0.91	60.52	Sft			
Staircase Riser	21	3.50	0.50	36.75	Sft			
Landing	1	7.00	3.50	24.50	Sft			
	1	7.00	4.50	31.50	Sft			
	1	3.50	0.83	2.91	Sft			
dado	1	46.66	0.50	23.33	Sft			
				245.14	Sft			
				<b>22.77</b>	<b>Sqm</b>	<b>973.08</b>	<b>₹</b>	<b>22,157.03</b>

- 16 Providing and fixing of MS Shutter with Choukhat in Doors & windows with cost conveyances royalty taxes etc. labour and T & P required complete.

GD	1	7.00	7.00	49.00	Sft			
W	7	4.00	4.50	126.00	Sft			
W1	2	3.00	4.50	27.00	Sft			
V	2	2.00	2.00	8.00	Sft			
				210.00	Sft			
		@	3.0 kg/Sft	<b>630.00</b>	<b>kg</b>	<b>90.00</b>	<b>₹</b>	<b>56,700.00</b>

- 17 Providing & fixing Factory made single extruded WPC ( Wood Polymer Composite ) solid door/window clerestory windows or other frames/Chowkhat of frame size 65 X 125mm. DSR (Vol-1) 2021, Page no-40, SI no-5752.

D1	6	17.50		105.00	Rft			
D2	2	17.00		34.00	Rft			
D3	2	16.50		33.00	Rft			
				172.00	Rft			
				<b>52.43</b>	<b>Rmt</b>	<b>969.85</b>	<b>₹</b>	<b>50,849.24</b>

- 18 Providing & fixing Factory made single extruded WPC ( Wood Polymer Composite ) solid Plain Flush Door Shutter 30mm Thick . DSR (Vol-1) 2021, Page no-41, SI no-5754.

D1	6	3.16	6.83	129.50	Sft			
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D2	2	2.66	6.83	36.34	Sft		
D3	2	2.16	6.83	29.51	Sft		
				195.35	Sft		
			<b>18.15</b>	<b>Sqm</b>	<b>3252.20</b>	<b>₹</b>	<b>59,027.43</b>

- 19 Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing** using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in stair case as per approved design with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect.

STAIRCASE			5.13	Mtr			
	@	10.48	Kg/mtr	53.76	Kg	342.57	₹ 18,416.56

- 20 Providing and finishing with One coats of Primer** of approved manufacture and shade to **steel faces** applied evenly to given and uniform finish including cost of primer, conveyance, royalty, taxes labour and T & P required complete

W	15.8	4.00	4.60	289.80	Sft		
W1	4.5	3.00	4.60	62.10	Sft		
V	4.5	2.00	2.00	18.00	Sft		
GD	2.25	7.00	7.00	110.25	Sft		
				480.15	Sft		
			<b>44.61</b>	<b>Sqm</b>	<b>74.78</b>	<b>₹</b>	<b>3,335.94</b>

- 21 Providing and finishing two coats of Synthetic ENAMEL PAINT** of approved manufacture and shade to wood and steel faces applied evenly to given and uniform finish as APPROVED. including cost of paint, conveyance, royalty, taxes labour and T & P required complete

Vide no-20			<b>44.61</b>	<b>Sqm</b>	<b>185.90</b>	<b>₹</b>	<b>8,293.00</b>
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- 22 Providing and finishing with One coats of Water bound Cement Primer** of approved manufacture and shade to Wall faces applied evenly to given and uniform finish. including finishing the surface smooth with in all heights with all scaffolding and staging charges including cost, conveyance, taxes of all materials, cost of all labours, T & P, sundries etc. as required for the work complete.

Outside plaster area	Vide no-9		218.07	Sqm			
Chajja	Vide no-5( E )		18.80	Sqm			
			<b>236.87</b>	<b>Sqm</b>	<b>81.34</b>	<b>₹</b>	<b>19,267.01</b>

- 23 Wall painting two coats with 100% Acrylic emulsion paint (1st quality) exterior grade** of approved make & shade manufactured by reputed manufacturer like NEROLAC / ASIAN / BERGER / DULOX or equivalent. including finishing the surface smooth with in all heights with all scaffolding and staging charges including cost, conveyance, taxes of all materials, cost of all labours, T & P, sundries etc. as required for the work complete.

Vide no-22			<b>236.87</b>	<b>Sqm</b>	<b>99.64</b>	<b>₹</b>	<b>23,601.73</b>
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- 24 Providing and finishing inside walls & ceiling with One coats of Water bound Cement Primer** of approved manufacture and shade to Wall faces applied evenly to given and uniform finish. including finishing the surface smooth with in all heights with all scaffolding and staging charges including cost, conveyance, taxes of all materials, cost of all labours, T & P, sundries etc. as required for the work complete.

Inside plaster area	Vide no-10		389.97	Sqm			
Celling area	Vide no-11		119.07	Sqm			
Deduct Dado area	Vide no-13		-18.47	Sqm			



Glazed Tile Area

Vide no-14

-24.77 Sqm

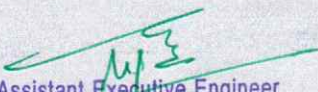
465.80 Sqm 81.34 ₹ 37,888.17


25 Providing and finishing inside walls & ceiling with Two coats of Oil Bound Distemper ,including cost of paint conveyance, royalty, taxes labour and T & P required complete.

Vide no-24

465.80 Sqm 89.27 ₹ 41,581.97

Total ₹ 20,76,133.89

  
Assistant Executive Engineer  
(R & B) Sub-Division  
CHATRAPUR

  
Asst. Conservator of Forests  
Kc. Berhampur Range



**CONSTRUCTION OF MINISTERIAL STAFF QUARTER OF FOREST  
DEPARTMENT AT BRAHMAPUR.**

**FIRST FLOOR**

SL NO	ITEM	NOS	LENGTH	BREADTH	HEIGHT	QTY	UNIT	RATE	AMOUNT	
<b>1 Providing and laying Reinforced Cement Concrete Grade M-20 in various locations (Raft,Column footing, plinth band, chajja,drop and lintel,slab) laid, consolidated and cured excluding reinforcement but including centring and shuttering shuttering at all levels.</b>										
A	Column	C1	12	0.83	1.25	125.50	Cft			
		C2	6	0.83	0.83	41.66	Cft			
						167.16	Cft			
						<b>4.73</b>	<b>Cum</b>	<b>17696.27 ₹</b>	<b>83,703.36</b>	
B	Lintel	window	W	8	6.00	0.83	23.11	Cft		
			W1	2	5.00	0.83	4.81	Cft		
			V	2	4.00	0.83	3.85	Cft		
	door	D1	2	5.50	0.83	5.30	Cft			
				<b>Total = A</b>			<b>37.07</b>	Cft		
		D1	4	5.50	0.41	5.23	Cft			
		D2	2	5.00	0.41	2.38	Cft			
			D3	2	4.50	0.41	2.14	Cft		
			Opening	2	5.50	0.41	2.62	Cft		
					<b>Total = B</b>		<b>12.37</b>	Cft		
				<b>Total = (A+B)</b>		<b>49.44</b>	Cft			
						<b>1.40</b>	<b>Cum</b>	<b>15858.83 ₹</b>	<b>22,202.36</b>	
C	Chajja	W	8	5.00	2.00	80.00	Sft			
		W1	2	4.00	2.00	16.00	Sft			
		V	2	3.00	2.00	12.00	Sft			
		Kitchen Counter	2	18.06	2.41	87.05	Sft			
							195.05	Sft		
					<b>18.12</b>	<b>Sqm</b>	<b>1404.44 ₹</b>	<b>25,448.45</b>		
D	Staircase	Waist slab	1	9.33	4.33	20.20	Cft			
			1	8.50	4.33	18.40	Cft			
		Step(1/2x19)	9.5	3.50	0.83	13.80	Cft			
		Landing slab	1	7.00	3.50	12.25	Cft			
			1	7.00	4.50	15.75	Cft			
			1	3.50	0.83	1.45	Cft			
		Landing beam	1	7.00	0.83	4.82	Cft			
							86.68	Cft		
							<b>2.45</b>	<b>Cum</b>	<b>17547.66 ₹</b>	<b>42,991.77</b>



E Roof beam												
WALL	Horizontal	3	9.16	0.83	0.50	11.40	Cft					
		3	14.50	0.83	0.66	23.83	Cft					
		1	4.50	0.83	0.50	1.87	Cft					
		3	7.00	0.83	0.50	8.72	Cft					
		3	14.50	0.83	0.66	23.83	Cft					
		1	4.50	0.83	0.50	1.87	Cft					
	Vertical	3	9.16	0.83	0.50	11.40	Cft					
		6	11.00	0.83	0.50	27.39	Cft					
		2	11.00	0.83	0.50	9.13	Cft					
		6	8.00	0.83	0.50	19.92	Cft					
							139.36	Cft				
							3.94	Cum	17696.27	₹		69,723.30

F RoofSlab												
		1	62.00	22.50	0.375	523.13	Cft					
	DEDUCT	-1	7.00	3.50	0.375	-9.19	Cft					
	Staircase	-1	7.00	16.33	0.375	-42.87	Cft					
						471.07	Cft					
						13.33	Cum	15337.67	₹		2,04,451.14	

2 High yield strength deformed bar reinforcement of approved quality(SAIL,TATA,JINDAL,or equivalent) in all reinforced concrete work including cutting bending, laying in position to the shape and profile required at all levels, binding with 18 gauge steel wire and cost of binding wire etc complete.

Column		4.73	Cum	1.20	5.68	Qntl					
Lintel band		1.40	Cum	0.90	1.26	Qntl					
Chajja		18.12	sqm	0.05	0.91	Qntl					
Staircase		2.45	Cum	1.20	2.94	Qntl					
Roof beam		3.94	Cum	1.20	4.73	Qntl					
Roof slab		13.33	Cum	0.80	10.66	Qntl					
					26.17	Qntl	8841.48	₹		2,31,381.53	

3 Brick Work in superstructure in cement mortar 1:6 (1 cement :6 coarse sand) using flyash bricks of approved quality including watering, curing cost of all materials, labour, T & P taxes etc.Complete.

#### HORIZONTAL

WALL	Horizontal	4	9.16	0.83	9.63	292.71	Cft			
		4	14.50	0.83	9.55	459.50	Cft			
		2	7.00	0.83	9.63	111.84	Cft			
	Vertical	4	11.00	0.83	9.63	351.51	Cft			
		4	8.00	0.83	9.63	255.64	Cft			
		Deduct	Lintel				-37.070	Cft		
		W	-8	4.000	0.830	4.500	-119.520	Cft		
		W1	-2	3.000	0.830	4.500	-22.410	Cft		
		V	-2	2.000	0.830	2.000	-6.640	Cft		
		D1	-2	3.500	0.830	7.000	-40.670	Cft		



1244.882 Cft  
**35.230 Cum 6230.04 ₹ 2,19,484.31**

- 4 **Brick Work in superstructure in cement mortar 1:4** (1 cement :4 coarse sand) using flyash bricks of approved quality including watering, curing cost of all materials, labour, T & P taxes etc.Complete.

**HORIZONTAL**

WALL	Horizontal	2	9.16	0.410	9.63	72.30	Cft			
		2	14.50	0.410	9.54	113.43	Cft			
		2	4.50	0.410	9.63	35.52	Cft			
	Vertical	4	11.00	0.410	9.63	173.64	Cft			
		2	8.00	0.410	9.63	63.14	Cft			
		Deduct	Lintel				-12.366	Cft		
		Opening	-2	4.500	0.41	7.000	-25.830	Cft		
		D1	-4	3.500	0.410	7.000	-40.180	Cft		
		D1	-2	3.000	0.410	7.000	-17.220	Cft		
		D2	-2	2.500	0.410	7.000	-14.350	Cft		
						348.072	Cft			
						<b>9.850</b>	<b>Cum</b>	<b>6437.40</b>	<b>₹ 63,408.39</b>	

- 5 **Providing 12mm thick cement plaster (1:6)** over brick masonry including racking out joints finishing smooth with proper planes and line curing for 7 days with cost conveyance royalty taxes of all materials labour T and P required.

**OUTSIDE PLASTER**

Front Side	1	61.00		10.50	640.50	Sft			
Left Side	1	21.50		10.50	225.75	Sft			
Back Side	1	61.00		10.50	640.50	Sft			
	2	7.50		10.50	157.50	Sft			
Right Side	1	21.50		10.50	225.75	Sft			
Chajja					<b>195.05</b>	<b>Sft</b>			
Deduct	W	-4	4.000		4.500	-72.00	Sft		
	W1	-1	3.000		4.500	-13.50	Sft		
	V	-1	2.000		2.000	-4.00	Sft		
					1995.55	Sft			
					<b>185.39</b>	<b>Sqm</b>	<b>206.02</b>	<b>₹ 38,194.05</b>	

- 6 **Providing 16mm thick cement plaster (1:6) over brick masonry** including racking out joints finishing smooth with proper planes and line curing for 7 days with cost conveyance royalty taxes of all materials labour T and P required.

**INSIDE PLASTER**

Staircase	2	7.00		10.08	141.12	Sft		
	2	16.33		10.08	329.21	Sft		
<b>Flat-3</b>								
Living Room	2	14.91		10.08	300.59	Sft		
	2	8.41		10.08	169.55	Sft		
Kitchen	2	10.00		10.08	201.60	Sft		
	2	8.41		10.08	169.55	Sft		
Bed Room	2	10.00		10.08	201.60	Sft		

		2	11.00		10.08	221.76	Sft
	Toilet	2	4.50		10.08	90.72	Sft
		2	7.00		10.08	141.12	Sft
	Toilet Front Side	2	4.00		10.08	80.64	Sft
		2	4.50		10.08	90.72	Sft
	Bed Room	2	10.00		10.08	201.60	Sft
		2	11.00		10.08	221.76	Sft
	<b>Flat-4</b>						
	Living Room	2	14.91		10.08	300.59	Sft
		2	8.41		10.08	169.55	Sft
	Kitchen	2	10.00		10.08	201.60	Sft
		2	8.41		10.08	169.55	Sft
	Bed Room	2	10.00		10.08	201.60	Sft
		2	11.00		10.08	221.76	Sft
	Toilet	2	4.50		10.08	90.72	Sft
		2	7.00		10.08	141.12	Sft
	Toilet Front Side	2	4.00		10.08	80.64	Sft
		2	4.50		10.08	90.72	Sft
	Bed Room	2	10.00		10.08	201.60	Sft
		2	11.00		10.08	221.76	Sft
Deduct	W	-4	4.000		4.500	-72.00	Sft
	W1	-1	3.000		4.500	-13.50	Sft
	V	-1	2.000		2.000	-4.00	Sft
	Opening	-4	4.500		7.000	-126.00	Sft
	D1	-6	3.500		7.000	-147.00	Sft
	D1	-2	3.000		7.000	-42.00	Sft
	D2	-2	2.500		7.000	-35.00	Sft
						4213.23	Sft
					<b>391.41</b>	<b>Sqm</b>	<b>290.21</b>
							<b>₹ 1,13,591.10</b>

- 7 Providing 6mm thick cement plaster (1:4) over RCC works including deep chipping the surface & finishing smooth with proper planes and line curing for 7 days with cost conveyance royalty taxes of all materials labour T and P required.

<b>Flat-3</b>							
	Living Hall	1	14.91	8.41		125.39	Sft
	Kitchen	1	10.00	8.41		84.10	Sft
	Bed Room	1	10.00	11.00		110.00	Sft
	Toilet	1	4.50	7.00		31.50	Sft
	Toilet Front	1	4.50	4.00		18.00	Sft
	Bed Room	1	10.00	11.00		110.00	Sft
<b>Flat-4</b>							
	Living Hall	1	14.91	8.41		125.39	Sft
	Kitchen	1	10.00	8.41		84.10	Sft
	Bed Room	1	10.00	11.00		110.00	Sft
	Toilet	1	4.50	7.00		31.50	Sft
	Toilet Front	1	4.50	4.00		18.00	Sft

Bed Room	1	10.00	11.00	110.00	Sft
Chajja				195.05	Sft
Staircase					
Waist slab	1	9.33	3.50	32.66	Sft
	1	8.50	3.50	29.75	Sft
Landing slab	1	7.00	3.50	24.50	Sft
	1	7.00	4.50	31.50	Sft
	1	3.50	0.83	2.91	Sft
				1274.35	Sft
				118.39	Sqm
				219.39	₹
					25,973.58

- 8 Providing and laying Ceramic tiles(of approved quality) in floor of size 300x300/400x400 mm of minimum thickness 10mm of 1st quality of approved make Laid over 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigments etc.with cost conveyance royalty taxes of all materials labour T and P required.

<b>Flat-3</b>					
Living Hall	1	14.91	8.41	125.39	Sft
Kitchen	1	10.00	8.41	84.10	Sft
Bed Room	1	10.00	11.00	110.00	Sft
Toilet	1	4.50	7.00	31.50	Sft
Toilet Front	1	4.50	4.00	18.00	Sft
Bed Room	1	10.00	11.00	110.00	Sft
<b>Flat-4</b>					
Living Hall	1	14.91	8.41	125.39	Sft
Kitchen	1	10.00	8.41	84.10	Sft
Bed Room	1	10.00	11.00	110.00	Sft
Toilet	1	4.50	7.00	31.50	Sft
Toilet Front	1	4.50	4.00	18.00	Sft
Bed Room	1	10.00	11.00	110.00	Sft
				957.99	Sft
				89.00	Sqm
				928.09	₹
					82,600.01

- 9 Providing and laying Ceramic tiles(of approved quality) in floor of size 300x300/400x400 mm of minimum thickness 10mm of 1st quality of approved make Laid over 12mm thick cement mortar 1:3 (1 cement : 3 coarse sand) including pointing the joints with white cement and matching pigments etc.with cost conveyance royalty taxes of all materials labour T and P required.

**DADO**

<b>Flat-3</b>					
Living Room	2	14.91	0.50	14.91	Sft
	2	8.41	0.50	8.41	Sft
Kitchen	2	10.00	0.50	10.00	Sft
	2	8.41	0.50	8.41	Sft
Bed Room	2	10.00	0.50	10.00	Sft
	2	11.00	0.50	11.00	Sft
Toilet Front Side	2	4.00	0.50	4.00	Sft
Bed Room	2	10.00	0.50	10.00	Sft



	2	11.00	0.50	11.00	Sft				
<b>Flat-4</b>									
Living Room	2	14.91	0.50	14.91	Sft				
	2	8.41	0.50	8.41	Sft				
Kitchen	2	10.00	0.50	10.00	Sft				
	2	8.41	0.50	8.41	Sft				
Bed Room	2	10.00	0.50	10.00	Sft				
	2	11.00	0.50	11.00	Sft				
Toilet Front Side	2	4.00	0.50	4.00	Sft				
Bed Room	2	10.00	0.50	10.00	Sft				
	2	11.00	0.50	11.00	Sft				
				175.46	Sft				
				<b>16.30</b>	<b>Sqm</b>	<b>1060.14</b>	<b>₹</b>	<b>17,280.28</b>	

- 10 Providing and laying Glazed tiles(of approved quality) in wall of minimum thickness 10mm of 1st quality of approved make Laid over 12mm thick cement mortar 1:3 (1 cement : 3 coarse sand) including filling the joints with white cement and matching pigments etc.with cost conveyance royalty taxes of all materials labour T and P required.**

Toilet	4	7.00	5.00	140.00	Sft			
	4	4.50	5.00	90.00	Sft			
Deduct D3	-2	2.50	5.00	-25.00	Sft			
Kitchen	2	10.00	2.00	40.00	Sft			
	2	8.41	2.00	33.64	Sft			
Deduct W1	-2	3.00	2.00	-12.00	Sft			
				266.64	Sft			
				<b>24.77</b>	<b>Sqm</b>	<b>1008.01</b>	<b>₹</b>	<b>24,968.41</b>

- 11 Providing & fixing 16 mm thick Kota stone(above 0.1 sqm) in steps, landing, dadoes over 20 mm thick cement mortar (1:4) including rounding edges with cost conveyance royalty taxes of all materials labour T & P required.**

Kitchen Counter	2	16.41	2.00	65.64	Sft				
<b>Staircase</b>									
Staircase Tread	19	3.50	0.91	60.52	Sft				
Staircase Riser	21	3.50	0.50	36.75	Sft				
Landing	1	7.00	3.50	24.50	Sft				
	1	7.00	4.50	31.50	Sft				
	1	3.50	0.83	2.91	Sft				
dado	1	46.66	0.50	23.33	Sft				
				245.14	Sft				
				<b>22.77</b>	<b>Sqm</b>	<b>986.30</b>	<b>₹</b>	<b>22,458.05</b>	

- 12 Providing and fixing of MS Shutter with Choukhat in Doors & windows with cost conveyances royalty taxes etc. labour and T & P required complete.**

W	8	4.00	4.50	144.00	Sft			
W1	2	3.00	4.50	27.00	Sft			
V	2	2.00	2.00	8.00	Sft			
				179.00	Sft			

@ 3.0 kg/Sft 537.00 kg 90.00 ₹ 48,330.00

- 13 Providing & fixing Factory made single extruded WPC ( Wood Polymer Composite ) solid door/window clerestory windows or other frames/Chowkhat of frame size 65 X 125mm. DSR (Vol-1) 2021, Page no-40, SI no-5752.**

D1	6	17.50	105.00	Rft			
D2	2	17.00	34.00	Rft			
D3	2	16.50	33.00	Rft			
			172.00	Rft			
			<b>52.43</b>	<b>Rmt</b>	<b>969.85</b>	<b>₹</b>	<b>50,849.24</b>

- 14 Providing & fixing Factory made single extruded WPC ( Wood Polymer Composite ) solid Plain Flush Door Shutter 30mm Thick . DSR (Vol-1 ) 2021, Page no-41, SI no-5754.**

D1	6	3.16	6.83	129.50	Sft		
D2	2	2.66	6.83	36.34	Sft		
D3	2	2.16	6.83	29.51	Sft		
				195.35	Sft		
			<b>18.15</b>	<b>Sqm</b>	<b>3252.20</b>	<b>₹</b>	<b>59,027.43</b>

- 15 Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in stair case as per approved designwith cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect.**

STAIRCASE			5.13	Mtr			
	@	10.48	Kg/mtr	<b>53.76</b>	<b>Kg</b>	<b>342.57</b>	<b>₹ 18,416.56</b>

- 16 Providing and finishing with One coats of Primer of approved manufacture and shade to steel faces applied evenly to given and uniform finish including cost of primer, conveyance, royalty, taxes labour and T & P required complete**

W	18	4.00	4.60	331.20	Sft		
W1	4.5	3.00	4.60	62.10	Sft		
V	4.5	2.00	2.00	18.00	Sft		
				411.30	Sft		
			<b>38.21</b>	<b>Sqm</b>	<b>76.75</b>	<b>₹</b>	<b>2,932.62</b>

- 17 Providing and finishing two coats of Synthetic ENAMEL PAINT of approved manufacture and shade to wood and steel faces applied evenly to given and uniform finish as APPROVED. including cost of paint, conveyance, royalty, taxes labour and T & P required complete**

Vide no-16			<b>38.21</b>	<b>Sqm</b>	<b>190.58</b>	<b>₹</b>	<b>7,282.06</b>
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- 18 Providing and finishing with One coats of Water bound Cement Primer of approved manufacture and shade to Wall faces applied evenly to given and uniform finish. including finishing the surface smooth with in all heights with all scaffolding and staging charges including cost, conveyance, taxes of all materials, cost of all labours, T & P, sundries etc. as required for the work complete.**

Outside plaster area	Vide no-5		185.39	Sqm			
Chajja	Vide no-1( C )		18.12	Sqm			
			<b>203.51</b>	<b>Sqm</b>	<b>84.63</b>	<b>₹</b>	<b>17,223.05</b>

- 19 Wall painting two coats with 100% Acrylic emulsion paint (1st quality) exterior grade of approved**



make & shade manufactured by reputed manufacturer like NEROLAC / ASIAN / BERGER / DULOX or equivalent. including finishing the surface smooth with in all heights with all scaffolding and staging charges including cost, conveyance, taxes of all materials, cost of all labours, T & P, sundries etc. as required for the work complete.

Vide no-18 203.51 Sqm 103.21 ₹ 21,004.27

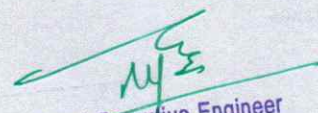
- 20 Providing and finishing inside walls & ceiling with One coats of Water bound Cement Primer of approved manufacture and shade to Wall faces applied evenly to given and uniform finish. including finishing the surface smooth with in all heights with all scaffolding and staging charges including cost, conveyance, taxes of all materials, cost of all labours, T & P, sundries etc. as required for the work complete.

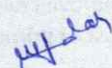
Inside plaster area	Vide no-6	391.41	Sqm			
Celling area	Vide no-7	118.39	Sqm			
Deduct Dado area	Vide no-9	-16.30	Sqm			
Glazed Tile Area	Vide no-10	-24.77	Sqm			
		468.73	Sqm	83.31	₹	39,049.90

- 21 Providing and finishing inside walls & ceiling with Two coats of Oil Bound Distemper ,including cost of paint conveyance, royalty, taxes labour and T & P required complete.

Vide no-20 468.73 Sqm 91.34 ₹ 42,813.80

Total ₹ 15,94,789.02

  
Assistant Executive Engineer  
(R & B) Sub-Division  
CHATRAPUR

  
Asst. Conservator of Forests  
Ms. Berhampur Range





**CONSTRUCTION OF MINISTERIAL STAFF QUARTER OF FOREST  
DEPARTMENT AT BRAHMAPUR.**

**TERRACE FLOOR**

SL NO	ITEM	NOS	LENGTH	BREADTH	HEIGHT	QTY	UNIT	RATE	AMOUNT
<b>1 Providing and laying Reinforced Cement Concrete Grade M-20</b> in various locations (Raft,Column footing, plinth band, chajja,drop and lintel,slab) laid, consolidated and cured excluding reinforcement but including centring and shuttering shuttering at all levels.									
A	Column	C1	4	0.83	1.25	7.58	31.46	Cft	
						<b>0.89</b>	<b>Cum</b>	<b>20116.57</b>	<b>₹ 17,903.75</b>
B	Lintel								
	window	W	1	6.00	0.83	0.58	2.89	Cft	
	door	GD1	2	5.50	0.83	0.58	5.30	Cft	
							8.18	Cft	
						<b>0.23</b>	<b>Cum</b>	<b>17911.75</b>	<b>₹ 4,119.70</b>
C	Chajja								
	W		1	5.00	2.00		10.00	Sft	
	GD1		2	4.50	1.50		13.50	Sft	
							23.50	Sft	
						<b>2.18</b>	<b>Sqm</b>	<b>1612.59</b>	<b>₹ 3,515.45</b>
D	Roof beam								
	Horizontal		2	7.00	0.83	0.50	5.81	Cft	
	Vertical		2	8.33	0.83	0.50	6.91	Cft	
			2	8.00	0.83	0.50	6.64	Cft	
							19.36	Cft	
						<b>0.55</b>	<b>Cum</b>	<b>20116.57</b>	<b>₹ 11,064.11</b>
E	RoofSlab								
	Staircase		1	8.66	21.50	0.330	61.44	Cft	
	Deduct		-1	7.00	3.50	0.330	-8.09	Cft	
							53.36	Cft	
						<b>1.51</b>	<b>Cum</b>	<b>17286.25</b>	<b>₹ 26,102.24</b>

**2 High yield strength deformed bar reinforcement** of approved quality(SAIL,TATA,JINDAL,or equivalent) in all reinforced concrete work including cutting bending, laying in position to the shape and profile required at all levels, binding with 18 gauge steel wire and cost of binding wire etc complete.

Column	0.89	Cum	1.20	1.07	Qntl
Lintel band	0.23	Cum	0.90	0.21	Qntl
Chajja	2.18	sqm	0.05	0.11	Qntl
Roof beam	0.55	Cum	1.20	0.66	Qntl

Roof slab	1.51	Cum	0.80	1.21	Qntl			
				3.25	Qntl	8875.90	₹	28,846.68

- 3 **Brick Work in superstructure in cement mortar 1:6** (1 cement :6 coarse sand) using flyash bricks of approved quality including watering, curing cost of all materials, labour, T & P taxes etc.Complete.

**HORIZONTAL**

Horizontal	2	7.00	0.83	7.17	83.32	Cft		
Vertical	2	8.33	0.83	7.17	99.15	Cft		
	2	8.00	0.83	7.17	95.22	Cft		
Deduct Lintel					-8.180	Cft		
W	-1	4.000	0.830	4.500	-14.940	Cft		
GD1	-2	3.500	0.830	7.000	-40.670	Cft		
					213.888	Cft		
				6.050	Cum	6656.45	₹	40,271.52

- 4 **Brick Work in superstructure in cement mortar 1:4** (1 cement :4 coarse sand) using flyash bricks of approved quality including watering, curing cost of all materials, labour, T & P taxes etc.Complete.

Parapet	1	27.00	0.41	3.00	33.21	Cft		
	1	3.08	0.41	3.00	3.79	Cft		
	1	3.08	0.41	3.00	3.79	Cft		
	1	27.00	0.41	3.00	33.21	Cft		
	1	20.66	0.41	3.00	25.41	Cft		
	1	25.75	0.41	3.00	31.67	Cft		
	1	25.75	0.41	3.00	31.67	Cft		
	1	20.66	0.41	3.00	25.41	Cft		
					188.165	Cft		
				5.330	Cum	6863.81	₹	36,584.11

- 5 **Providing 12mm thick cement plaster (1:6)** over brick masonry including racking out joints finishing smooth with proper planes and line curing for 7 days with cost conveyance royalty taxes of all materials labour T and P required.

**OUTSIDE PLASTER**

Head Room	2	8.66		8.00	138.56	Sft		
	2	18.00		8.00	288.00	Sft		
Outside Parapet	1	27.00		3.41	92.07	Sft		
	1	3.50		3.41	11.94	Sft		
	1	3.50		3.41	11.94	Sft		
	1	27.00		3.41	92.07	Sft		
	1	21.50		3.41	73.32	Sft		
	1	27.00		3.41	92.07	Sft		
	1	27.00		3.41	92.07	Sft		
	1	21.50		3.41	73.32	Sft		
Inside Parapet	1	25.33		3.00	75.99	Sft		
	1	2.66		3.00	7.98	Sft		

		1	2.66		3.00	7.98	Sft			
		1	25.33		3.00	75.99	Sft			
		1	19.83		3.00	59.49	Sft			
		1	25.33		3.00	75.99	Sft			
		1	25.33		3.00	75.99	Sft			
		1	19.83		3.00	59.49	Sft			
Column		2	4.16		3.00	24.96	Sft			
	Chajja					23.50	Sft			
Deduct	W	-0.5	4.000		4.500	-9.00	Sft			
	GD1	-0.5	3.500		7.000	-12.25	Sft			
						1431.45	Sft			
						132.98	Sqm	214.05	₹	28,464.37

- 6 Providing 16mm thick cement plaster (1:6) over brick masonry** including racking out joints finishing smooth with proper planes and line curing for 7 days with cost conveyance royalty taxes of all materials labour T and P required.

**INSIDE PLASTER**

	Staircase	2	7.00		7.58	106.12	Sft			
		2	16.33		7.58	247.56	Sft			
Deduct	W	-0.5	4.000		4.500	-9.00	Sft			
	GD1	-0.5	3.500		7.000	-12.25	Sft			
						332.43	Sft			
						30.88	Sqm	297.27	₹	9,179.70

- 7 Providing 6mm thick cement plaster (1:4) over RCC works** including deep chipping the surface & finishing smooth with proper planes and line curing for 7 days with cost conveyance royalty taxes of all materials labour T and P required.

	Staircase	1	7.00	16.33		114.31	Sft			
	Chajja					23.50	Sft			
						137.81	Sft			
						12.80	Sqm	224.91	₹	2,878.85

- 8 Providing and fixing of MS Shutter with Choukhat in Doors & windows with cost conveyances royalty taxes etc. labour and T & P required complete.**

	GD1	1	3.50		7.00	24.50	Sft			
	W	1	4.00		4.50	18.00	Sft			
						42.50	Sft			
			@	3.0 kg/Sft		127.50	kg	90.00	₹	11,475.00

- 9 Providing and finishing with One coats of Primer** of approved manufacture and shade to steel faces applied evenly to given and uniform finish including cost of primer, conveyance, royalty, taxes labour and T & P required complete

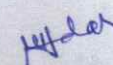
**GRILL**

	W	2.25	4.00		4.60	41.40	Sft			
	GD1	2.25	3.50		7.00	55.13	Sft			



		96.53	Sft				
		8.97	Sqm	78.78	₹		706.66
<b>10 Providing and finishing two coats of Synthetic ENAMEL PAINT</b> of approved manufacture and shade to wood and steel faces applied evenly to given and uniform finish as APPROVED. including cost of paint, conveyance, royalty, taxes labour and T & P required complete							
	Vide no-9	8.97	Sqm	195.40	₹		1,752.74
<b>11 Providing and finishing with One coats of Water bound Cement Primer</b> of approved manufacture and shade to Wall faces applied evenly to given and uniform finish. including finishing the surface smooth with in all heights with all scaffolding and staging charges including cost, conveyance, taxes of all materials, cost of all labours, T & P, sundries etc. as required for the work complete.							
Outside plaster area	Vide no-5	132.98	Sqm				
Chajja	Vide no-1( C )	2.18	Sqm				
		135.16	Sqm	88.09	₹		11,906.24
<b>12 Wall painting two coats with 100% Acrylic emulsion paint (1st quality) exterior grade</b> of approved make & shade manufactured by reputed manufacturer like NEROLAC / ASIAN / BERGER / DULOX or equivalent. including finishing the surface smooth with in all heights with all scaffolding and staging charges including cost, conveyance, taxes of all materials, cost of all labours, T & P, sundries etc. as required for the work complete.							
	Vide no-11	135.16	Sqm	106.96	₹		14,456.71
<b>13 Providing and finishing inside walls &amp; ceiling with One coats of Water bound Cement Primer</b> of approved manufacture and shade to Wall faces applied evenly to given and uniform finish. including finishing the surface smooth with in all heights with all scaffolding and staging charges including cost, conveyance, taxes of all materials, cost of all labours, T & P, sundries etc. as required for the work complete.							
Inside plaster area	Vide no-6	30.88	Sqm				
Celling area	Vide no-7	12.80	Sqm				
		43.68	Sqm	85.35	₹		3,728.09
<b>14 Providing and finishing inside walls &amp; ceiling with Two coats of Oil Bound Distemper</b> ,including cost of paint conveyance, royalty, taxes labour and T & P required complete.							
	Vide no-13	43.68	Sqm	93.47	₹		4,082.77
<b>15 Providing, fitting &amp; fixing Rigid PVC Plastic Pipe ( Class-4 )125mm dia rain water pipe.</b>							
	6	3.75		22.50	Rft		
				6.86	Rmt	627.35	₹ 4,303.62
						Total	₹ 2,61,342.31

  
Assistant Executive Engineer  
(R & B) Sub-Division  
CHATRAPUR

  
Asst. Conservator of Forests  
I/c. Berhampur Range



TERRACE FLOOR



**LEAD CHART BRAHMAMPUR.**

Sl no	Name of material	Name of Quarry	Lead in Km	1st 5 Km		up to 50Km@		Beyond 50Km@		Total Carriage	Basic rate of material	Royalty	DMF 10%	EMF 5%	ADDITIONAL CHARGE	FINAL ROYALTY	Carriage + Royalty	Unit
				Amount	km	Amount	km	Amount	km									
1	Cement	Local	0	0.00	0	0.00	0	0.00	0	12.21	533.67	0	0.00	0.00	0.00	0.00	12.21	/Qt
2	Steel	Local	5	247.87	0	0.00	0	0.00	0	247.87	65951.50	0	0.00	0.00	0.00	0.00	247.87	/MT
3	Binding wire	Local	5	2.48	0	0.00	0	0.00	0	2.48	90.10	0	0.00	0.00	0.00	0.00	2.48	/Kg
4	40 mm size HGCB metal(Crusher)	(Kukudakhandi) Mahuda	10	276.01	5	65.10	0	0.00	0	341.11	995.25	130.00	13.00	6.50	161.00	310.50	651.61	/Cum
5	26.5 mm size HGCB chips	(Kukudakhandi) Mahuda	10	276.01	5	65.10	0	0.00	0	341.11	1097.74	130.00	13.00	6.50	161.00	310.50	651.61	/Cum
6	25 mm size HGCB metal(Crusher)	(Kukudakhandi) Mahuda	10	276.01	5	65.10	0	0.00	0	341.11	1135.74	130.00	13.00	6.50	161.00	310.50	651.61	/Cum
7	20 mm size HGCB chips	(Kukudakhandi) Mahuda	10	276.01	5	65.10	0	0.00	0	341.11	1382.29	130.00	13.00	6.50	161.00	310.50	651.61	/Cum
8	13.2 mm size HGCB chips	(Kukudakhandi) Mahuda	10	276.01	5	65.10	0	0.00	0	341.11	1370.27	130.00	13.00	6.50	161.00	310.50	651.61	/Cum
9	12 mm size HGCB chips	(Kukudakhandi) Mahuda	10	276.01	5	65.10	0	0.00	0	341.11	1396.62	130.00	13.00	6.50	161.00	310.50	651.61	/Cum
10	11.2 mm size HGCB chips	(Kukudakhandi) Mahuda	10	276.01	5	65.10	0	0.00	0	341.11	1398.79	130.00	13.00	6.50	161.00	310.50	651.61	/Cum
11	10 mm size HGCB chips	(Kukudakhandi) Mahuda	10	276.01	5	65.10	0	0.00	0	341.11	1407.77	130.00	13.00	6.50	161.00	310.50	651.61	/Cum
12	6.7 mm size HGCB chips	(Kukudakhandi) Mahuda	10	276.01	5	65.10	0	0.00	0	341.11	880.00	130.00	13.00	6.50	161.00	310.50	651.61	/Cum
13	4.7 mm size HGCB chips	(Kukudakhandi) Mahuda	10	276.01	5	65.10	0	0.00	0	341.11	813.91	130.00	13.00	6.50	161.00	310.50	651.61	/Cum
14	2.36 mm size HGCB chips	(Kukudakhandi) Mahuda	10	276.01	5	65.10	0	0.00	0	341.11	780.00	130.00	13.00	6.50	161.00	310.50	651.61	/Cum
15	Sand for mortar	(Purushottampur)B hampur	35	276.01	30	390.60	0	0.00	0	666.61	66.23	35.00	3.50	1.75	734.00	774.25	1440.86	/Cum
16	Sand for Filling	(Purushottampur)B hampur	35	276.01	30	390.60	0	0.00	0	666.61	62.86	35.00	3.50	1.75	734.00	774.25	1440.86	/Cum
17	Fly ash brick(10")	Gurunthi	15	864.10	10	294.55	0	0.00	0	1158.65	5142.55	0	0.00	0.00	0.00	0.00	1158.65	/1000 nos
18	Non Salwood for Burgah,rafters etc	Local	5	247.87	0	0.00	0	0.00	0	247.87	58374.79	0	0.00	0.00	0.00	0.00	247.87	/1.25Cum

19	Salwood for Trusses, purlins frames of doors, windows.	Local	5	247.87	0	0.00	0	0.00	0	0.00	71150.50	0	0.00	0.00	0.00	247.87	0.00	247.87	/1.25Cum
20	Pia sal wood	Local	5	247.87	0	0.00	0	0.00	0	0.00	74369.67	0	0.00	0.00	0.00	247.87	0.00	247.87	/1.25Cum
21	Non sal wood scantling	local	5	247.87	0	0.00	0	0.00	0	0.00	58374.79	0	0.00	0.00	0.00	247.87	0.00	247.87	/1.25Cum
22	Non sal wood planks	local	5	247.87	0	0.00	0	0.00	0	0.00	58374.79	0	0.00	0.00	0.00	247.87	0.00	247.87	/1.25Cum
23	120mm dia sal bullah	local	5	0.00	0	0.00	0	0.00	0	0.00	51.87	0	0.00	0.00	0.00	0.00	0.00	0.00	/mtr
24	120mm dia Non sal bullah	local	5	0.00	0	0.00	0	0.00	0	0.00	41.81	0	0.00	0.00	0.00	0.00	0.00	0.00	/mtr
25	80mm dia Non sal bullah	local	5	0.00	0	0.00	0	0.00	0	0.00	30.81	0	0.00	0.00	0.00	0.00	0.00	0.00	/mtr
26	White cement	Local	5	24.79	0	0.00	0	0.00	0	0.00	2017.18	0	0.00	0.00	0.00	24.79	0.00	24.79	/Qtl
27	Tile	Local	5	9.60	0	0.00	0	0.00	0	0.00		0	0.00	0.00	0.00	9.60	0.00	9.60	/sqm
28	Ceramic Tile	Local	5	9.60	0	0.00	0	0.00	0	0.00	450.08	0	0.00	0.00	0.00	9.60	0.00	9.60	/sqm
29	Glazed Tile	Local	5	9.60	0	0.00	0	0.00	0	0.00	405.20	0	0.00	0.00	0.00	9.60	0.00	9.60	/sqm
30	Kota Tile (Above 0.10sqm)	Local	5	9.60	0	0.00	0	0.00	0	0.00	500.20	0	0.00	0.00	0.00	9.60	0.00	9.60	/sqm

Labour Rate  
 Unskilled 452.00  
 Semi skilled 502.00  
 Skilled 552.00  
 Highly skilled 602.00

*M. S. Sah*  
 Asst. Conservator of Forests  
 Wc. Berhampur Range

*M. S. Sah*  
 Assistant Executive Engineer  
 (B & B) Sub-Division  
 CHATRAPUR



**RATE OF CEMENT OCTOBER 2024**

Sl. No.	Manufacturer Name	Ref.	Unit	Rate/Qntl.		Gst-28%	Basic cost
1	Dalmia	<b>Oct-24</b>	Qntl.	700.00		153.13	546.88
2	Ramco	<b>Oct-24</b>	Qntl.	710.00		155.31	554.69
3	Ultratech	<b>Oct-24</b>	Qntl.	670.00		146.56	523.44
							1625.00
					<b>Average Rate</b>		541.67
						Less cost of bag	
							<b>Total</b>
							533.67

**Steel from SAIL as on DECEMBER 2024**

1	2	3	4	5	6
Dia of Rod (In mm)	Length of Rod (In mtr)	Co-efficient (DxD/162)	Quantity/ piece (2x3)	Rate per Piece	Rate/Quantity (5/4x100)
8	12	0.395	4.740	378	7974.68
10	12	0.617	7.404	576	7779.58
12	12	0.888	10.656	823	7723.35
16	12	1.578	18.936	1461	7715.46
20	12	2.466	29.592	2284	7718.30

38911.38

Average

7782.28

Rate excluding 18% GST

6595.15 Quintal

65951.50 Metric Ton

  
 Assistant Executive Engineer  
 (R & B) Sub-Division  
 CHATRAPUR

  
 Asst. Conservator of Forests  
 Wc. Berhampur Range

## ANALYSIS OF RATES

- 1 Earth work in all kind of soil with initial lead and lift including rough dressing in layers not exceeding 0.3m in depth and the Earth transported by transport vehicles as directed by the Engineer-in-charge.

**Per 100 Cum.**

**Ordinary soil**

**Labour**

Man Mulia	16.00 nos	@ Rs.	452.00 /each	=	Rs. 7232.00
Woman Mulia	16.00 nos	@ Rs.	452.00 /each	=	Rs. 7232.00

**Hard soil**

**Labour**

Man Mulia	21.50 nos	@ Rs.	452.00 /each	=	Rs. 9718.00
Woman Mulia	21.50 nos	@ Rs.	452.00 /each	=	Rs. 9718.00

**Stoney earth**

**Labour**

Man Mulia	33.53 nos	@ Rs.	452.00 /each	=	Rs. 15155.56
Woman Mulia	33.53 nos	@ Rs.	452.00 /each	=	Rs. 15155.56

Rs. **64211.12** / % cum

Average Rate = 21403.71 = Rs. 21403.71 / % cum

Overhead charges @ 7.5% 1605.28

Contractor profit @ 7.5% 1605.28

24614.27 / % cum

Add labour cess 1% 246.14

or say = Rs. **24860.41** / % cum

B) Add 20% extra for excavation of foundation. = Rs. 4972.08

Total = Rs. 29832.49 / % cum

or = Rs. **298.32** / cum

- 2 Filling in foundation and plinth with filling sand, watered and rammed.

**Data for 100 cum.**

**Labour**

Man mulia	12.36 nos	@ Rs.	452.00 /each	=	Rs. 5586.72
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**Material**

Filling sand	100.00 cum	@ Rs.	62.86 /cum	=	Rs. 6286.00
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11872.72

Overhead charges @ 7.5% 890.45

Contractor profit @ 7.5% 890.45

Carriage & Royalty

Filling sand 100.00 cum @ Rs. 1440.86 /cum = Rs. 144086.00

157739.63 / % cum

Add labour cess 1% or : Rs. 1577.40 / cum

15.77

Rs. **1593.17** / cum

- 3 Cement concrete (1:3:6) with 4 cm size hard granite metal .

**Per Cum.**

**Materials**

Granite stone 4 cm	0.96 cum	@ Rs.	995.25 /cum	=	Rs. 955.44
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size(C.B)

Sand (Screened & washed)	0.48 cum	@ Rs.	66.23 /cum	=	Rs. 31.79
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Cement	2.29 qntl.	@ Rs.	533.67 /qntl.	=	Rs. 1222.10
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**Labour**

Mason 2nd class	0.18 nos	@ Rs.	552.00 /each	=	Rs. 99.36
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Man Mulia	1.80 nos	@ Rs.	452.00 /each	=	Rs. 813.60
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Woman Mulia	1.40 nos	@ Rs.	452.00 /each	=	Rs. 632.80
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Man Mulia for mixing stone, sand & cement and getting water.	0.70 nos	@ Rs.	452.00 /each	=	Rs.	316.40
						4071.49
<b>Overhead charges @ 7.5%</b>						305.36
<b>Contractor profit @ 7.5%</b>						305.36
<b>Carriage &amp; Royalty</b>						
C.B. granite stone 4 cm size	0.96 cum	@ Rs.	651.61 /cum	=	Rs.	625.55
Sand (Screened & washed)	0.48 cum	@ Rs.	1440.86 /cum	=	Rs.	691.61
Cement (Un Loading)	2.29 qntl.	@ Rs.	12.21 /qntl.	=	Rs.	27.96
					Rs.	<b>6027.33 / cum</b>
<b>Add labour cess 1%</b>						60.27
			<b>Total</b>	=	Rs.	<b>6087.61 cum</b>

- 4 R.C.C. work M-20 grade with 20mm and down grade black hard granite crusher broken stone chips including hoisting and laying.

**As per Data Book-2006**

**Data Per 15 Cum.**

**Materials**

20mm size granite chips.	8.10 cum	@ Rs.	1382.29 /cum	=	Rs.	11196.55
10mm size granite chips.	5.40 cum	@ Rs.	1407.77 /cum	=	Rs.	7601.96
Sand (Screened & washed)	6.75 cum	@ Rs.	66.23 /cum	=	Rs.	447.05
Cement	52.10 qntl.	@ Rs.	533.67 /qntl.	=	Rs.	27804.03

**Labour**

Mate	0.86 nos	@ Rs.	502.00 /each	=	Rs.	431.72
Mason 2nd class	1.50 nos	@ Rs.	552.00 /each	=	Rs.	828.00
Mazdoor	20.00 nos	@ Rs.	452.00 /each	=	Rs.	9040.00 <b>10299.72</b>

**Machinery**

Concrete Mixer	6.00 Hours	@ Rs.	229.55 /Hour	=	Rs.	1377.30
Generator	6.00 Hours	@ Rs.	700.00 /Hour	=	Rs.	4200.00
				=	Rs.	62926.61

**Overhead charges @ 7.5%**

**Contractor profit @ 7.5%**

**Carriage & Royalty**

Coarse aggregate.	13.50 cum	@ Rs.	651.61 /cum	=	Rs.	8796.74
Sand (Screened & washed)	6.750 cum	@ Rs.	1440.86 /cum	=	Rs.	9725.81
Cement	52.10 qntl.	@ Rs.	12.21 /qntl.	=	Rs.	636.14

					Rs.	91524.29 / 15 cum
					Rs.	91524.29 / 15 cum
					Rs.	6101.62 / cum
						61.02

**Add labour cess 1%**

Say = Rs. **6162.64 / cum**

**For R.C.C. work:**

**For 1st Floor:**

	Labour of next lower floor		for upper floor	O.H.C. @ 7.5%	c. Profit @ 7.5%		
Add 15% extra labour over & above	686.65	103.00	7.73	7.73	=	Rs.	118.45
							6220.07 / cum



**Add labour cess 1%**

or say = Rs. 62.20  
Rs. 6282.27 / cum

For R.C.C. work:

**For 2nd Floor:**

	Labour of next lower floor	for upper floor	O.H.C. @ 7.5%	c. Profit @ 7.5%		
Add 15% extra labour over & above	789.65	118.45	8.88	8.88	=	Rs. <span style="border: 1px solid black; padding: 2px;">136.22</span>

Rs. 6356.29 / cum  
63.56

**Add labour cess 1%**

or say = Rs. 6419.85 / cum

- 5 Rigid smooth centering and shuttering for R.C.C. works including false works and dismantling then after casting including cost of materials complete in ground floor.

**A R.C.C. Floor and Roof slab, landing, balconies, projecting, sun shades and chajjas up to 4.3Mtr. Height.**

**Data for 9 Sqm.**

Non sal wood scantling.	0.112 Cum.	@ Rs.	58374.79 /cum	=	Rs.	6537.98
Planks 38mm	0.34 Cum.	@ Rs.	58374.79 /cum	=	Rs.	19847.43
120mm Dia Sal Bullah.	56.00 Mtr.	@ Rs.	51.87 /Mtr.	=	Rs.	2904.72
Carriage of Wood	1.142 Cum.	@ Rs.	247.87 /1.25 cum	=	Rs.	226.45
Constantly 10times use of materials for use of one time =		Rs.	29516.58 /10.	=	Rs.	2951.66
Carpenter 2nd class	2.75 nos	@ Rs.	552.00 /each.	=	Rs.	1518.00
S.S Mulia	2.75 nos	@ Rs.	502.00 /each.	=	Rs.	1380.50

**Overhead charges @ 7.5%**

**Contractor profit @ 7.5%**

Rate per sqm =

Rs. 6724.29 /9 = Rs. 747.14 /sqm.

**Add labour cess 1%**

Rs. 747  
or say = Rs. 754.61 /sqm.

For Centering & shuttering for R.C.C. work:

**For 1st Floor:**

	Rates of next lower floor	for upper floor		
Add 20% extra to the rates of centering & shuttering from the next lower floor	747.14	149.43	=	Rs. <span style="border: 1px solid black; padding: 2px;">896.57</span>

**Add labour cess 1%**

or say = Rs. 8.97  
Rs. 905.54 /sqm.

**For 2nd Floor:**

Add 20% extra to the rates of centering & shuttering from the next lower floor	896.57	179.31	=	Rs. <span style="border: 1px solid black; padding: 2px;">1075.88</span>
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**Add labour cess 1%**

Rs. 10.76  
Rs. 1086.64 /sqm.  
or say = Rs. 1086.64 /sqm.

**B R.C.C. stairs excluding landing but including railing.**

**Data for 5 sqm.**

38mm non-sal planks	0.228 Cum.	@ Rs.	58374.79 /cum	=	Rs.	13309.45
Non sal wood scantling.	0.039 Cum.	@ Rs.	58374.79 /cum	=	Rs.	2276.62

120mm dia non sal bullah	6.50 Mtr.	@ Rs.	41.81 /Mtr.	=	Rs.	271.77	<b>15857.84</b>
Carriage of Wood	0.35 Cum.	@ Rs.	247.87 /1.25 cum	=	Rs.	69.40	
Constantly 10times use of materials for use of one time =		Rs.	15927.24 /10.	=	Rs.	1592.72	<b>15927.24</b>
Carpenter 2nd class	2.75 nos	@ Rs.	552.00 /each.	=	Rs.	1518.00	
S.S Mulia	2.75 nos	@ Rs.	502.00 /each.	=	Rs.	1380.50	
				=	Rs.	<b>4491.22</b>	

Overhead charges @ 7.5%

336.32

Contractor profit @ 7.5%

336.32

Rate per sqm =

Rs. 5163.86 /5

Rs. 5163.86 /5 sqm

Rs. 1032.77 /sqm.

Add labour cess 1%

10.33

or say

Rs. **1043.10 /sqm.**

For Centering & shuttering for R.C.C. work:

For 1st Floor:

Rates of next lower floor

for upper floor

Add 20% extra to the rates of centering & shuttering from the next lower floor

1032.77

206.55

Rs. 1239.32

Add labour cess 1%

12.39

or say

Rs. **1251.71 /sqm.**

**C R.C.C. foundation and footing bases of columns mass concrete pre-cast slab etc.**

Data for 10.00 sqm.

25mm non-sal planks	0.267 Cum.	@ Rs.	58374.79 /cum	=	Rs.	15586.07	
80mm dia non-sal bullah	12.60 Mtr.	@ Rs.	30.81 /Mtr.	=	Rs.	388.21	<b>15974.28</b>
Carriage of Wood	0.3284 Cum.	@ Rs.	247.87 /1.25 cum	=	Rs.	65.12	
Constantly 10times use of materials for use of one time =		Rs.	16039.40 /10.	=	Rs.	1603.94	<b>16039.40</b>
Carpenter 2nd class	0.50 nos	@ Rs.	552.00 /each.	=	Rs.	276.00	
S.S Mulia	0.50 nos	@ Rs.	502.00 /each.	=	Rs.	251.00	
				=	Rs.	<b>2130.94</b>	

Overhead charges @ 7.5%

159.33

Contractor profit @ 7.5%

159.33

Rate per sqm =

Rs. 2449.60 /10

Rs. 2449.60 /10.0 sqm

Rs. 244.96 /sqm.

Add labour cess 1%

2.45

or say

Rs. **247.41 /sqm.**

**D R.C.C. Beams, columns, grider and bressmer etc.**

Data for 4.2 sqm.

38mm non-sal planks	0.218 Cum.	@ Rs.	58374.79 /cum	=	Rs.	12725.70	
120mm dia sal bullah	15.20 Mtr.	@ Rs.	51.87 /Mtr.	=	Rs.	788.42	
80mm dia sal bullah for bracing	8.00 Mtr.	@ Rs.	51.87 /Mtr.	=	Rs.	414.96	<b>13929.08</b>
Carriage of Wood	0.456 Cum.	@ Rs.	247.87 /1.25 cum	=	Rs.	90.42	
Constantly 10times use of materials for use of one time =		Rs.	14019.50 /10.	=	Rs.	1401.95	<b>14019.50</b>
Carpenter 2nd class	2.75 nos	@ Rs.	552.00 /each.	=	Rs.	1518.00	
S.S Mulia	2.75 nos	@ Rs.	502.00 /each.	=	Rs.	1380.50	
				=	Rs.	<b>4300.45</b>	

Overhead charges @ 7.5%

321.86

**Contractor profit @ 7.5%**

Rate per sqm =	Rs. 4944.16 /4.2	=	Rs. <u>321.86</u>
<b>Add labour cess 1%</b>			Rs. 4944.16 /4.2 sqm
			Rs. 1177.18 /sqm.
			11.77
	<b>or say</b>	=	Rs. <b>1188.95 /sqm.</b>

For Centering &amp; shuttering for R.C.C. work:

<b>For 1st Floor:</b>	<b>Rates of next lower floor</b>	<b>for upper floor</b>	
Add 20% extra to the rates of centering & shuttering from the next lower floor	1177.18	235.44	= Rs. 1412.62
<b>Add labour cess 1%</b>			14.13
	<b>or say</b>	=	Rs. <b>1426.75 /sqm.</b>

**For 2nd Floor:**

Add 20% extra to the rates of centering & shuttering from the next lower floor	1412.62	282.52	= Rs. 1695.14
<b>Add labour cess 1%</b>			16.95
	<b>or say</b>	=	Rs. <b>1712.09 /sqm.</b>

**E R.C.C. Lintels.****Data for 7.80 sqm.**

38mm non-sal planks	0.413 Cum.	@ Rs. 58374.79 /cum	=	Rs. 24108.79
120mm dia non sal bullah	21.00 Mtr.	@ Rs. 41.81 /Mtr.	=	Rs. 878.01 <b>24986.80</b>
Carriage of Wood	0.689 Cum.	@ Rs. 247.87 /1.25 cum	=	Rs. 136.63
Constantly 10times use of materials for use of one time =		Rs. 25123.43 /10.	=	Rs. <b>25123.43</b>
Carpenter 2nd class	1.25 nos	@ Rs. 552.00 /each.	=	Rs. 2512.34
S.S Mulia	1.25 nos	@ Rs. 502.00 /each.	=	Rs. 690.00
			=	Rs. 627.50
			=	Rs. <b>3829.84</b>
<b>Overhead charges @ 7.5%</b>				286.21
<b>Contractor profit @ 7.5%</b>				286.21
				Rs. 4402.27 /7.8 sqm
Rate per sqm =	Rs. 4402.27 /7.8	=	Rs. 564.39 /sqm.	
<b>Add labour cess 1%</b>			5.64	
			Rs. <b>570.03 /sqm.</b>	

For Centering &amp; shuttering for R.C.C. work:

<b>For 1st Floor:</b>	<b>Rates of next lower floor</b>	<b>for upper floor</b>	
Add 20% extra to the rates of centering & shuttering from the next lower floor	564.39	112.88	= Rs. 677.27
<b>Add labour cess 1%</b>			6.77
	<b>or say</b>	=	Rs. <b>684.04 /sqm.</b>

**For 2nd Floor:**

Add 20% extra to the rates of centering & shuttering from the next lower floor	677.27	135.45	= Rs. 812.72
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**Add labour cess 1%**

8.13

**820.85 /sqm.**

- 6 R.C.C. work M-20 grade with 20mm and down grade black hard granite crusher broken stone chips including hoisting and laying with Centering & shuttering.

**A) Column Base**

R.C.C. M-20 Basic Rate

Rs. 6162.64 /cum

Add for Centering &

1.50 sqm

@ Rs.

247.41 /sqm.

=

Rs. 371.12 /cum

or say

=

Rs. **6533.76 /Cum**

**B) Column & Beam**

**i) Ground Floor**

R.C.C. M-20 Basic Rate

Rs. 6162.64 /cum

Add for Centering &

8.00 sqm

@ Rs.

1188.95 /sqm.

=

Rs. 9511.60 /cum

shuttering

or say

=

Rs. **15674.24 /Cum**

**ii) 1st Floor**

R.C.C. M-20 Basic Rate

Rs. 6282.27 /cum

Add for Centering &

8.00 sqm

@ Rs.

1426.75 /sqm.

=

Rs. 11414.00 /cum

shuttering

or say

=

Rs. **17696.27 /Cum**

**iii) 2nd Floor**

R.C.C. M-20 Basic Rate

Rs. 6419.85 /cum

Add for Centering &

8.00 sqm

@ Rs.

1712.09 /sqm.

=

Rs. 13696.72 /cum

shuttering

or say

=

Rs. **20116.57 /Cum**

**C) Plinth Bend/Tie Beam at Plinth Level**

**i) Ground Floor**

R.C.C. M-20 Basic Rate

1.00

@ Rs.

6162.64 /Cum

Rs. 6162.64 /cum

Add for Centering &

5.00 sqm

@ Rs.

247.41 /sqm.

=

Rs. 1237.05 /cum

shuttering

or say

=

Rs. **7399.69 /cum**

**D) Lintel**

**i) Ground Floor**

R.C.C. M-20 Basic Rate

Rs. 6162.64 /cum

Add for Centering &

14.00 sqm

@ Rs.

570.03 /sqm.

=

Rs. 7980.42 /cum

shuttering

or say

=

Rs. **14143.06 /Cum**

**ii) 1st Floor**

R.C.C. M-20 Basic Rate

Rs. 6282.27 /cum

Add for Centering &

14.00 sqm

@ Rs.

684.04 /sqm.

=

Rs. 9576.56 /cum

shuttering

or say

=

Rs. **15858.83 /Cum**

**iii) 2nd Floor**

R.C.C. M-20 Basic Rate

Rs. 6419.85 /cum

Add for Centering &

14.00 sqm

@ Rs.

820.85 /sqm.

=

Rs. 11491.90 /cum

shuttering

or say

=

Rs. **17911.75 /Cum**

**E) Chajja (65mm Av. Thick)**

**i) Ground Floor**

R.C.C. M-20 Basic Rate	0.065	@ Rs.	6162.64 /Cum		Rs.	400.57 /sqm
(Avg. thickness-65mm)						
Add for Centering & shuttering	1.10 sqm	@ Rs.	754.61 /sqm.	=	Rs.	830.07 /sqm

**or say = Rs. 1230.64 /sqm**

**ii) 1st Floor**

R.C.C. M-20 Basic Rate	0.065	@ Rs.	6282.27 /Cum		Rs.	408.35 /sqm
Add for Centering & shuttering	1.10 sqm	@ Rs.	905.54 /sqm.	=	Rs.	996.09 /sqm

**or say = Rs. 1404.44 /sqm**

**iii) 2nd Floor**

R.C.C. M-20 Basic Rate	0.065	@ Rs.	6419.85 /Cum		Rs.	417.29 /sqm
Add for Centering & shuttering	1.10 sqm	@ Rs.	1086.64 /sqm.	=	Rs.	1195.30 /sqm

**or say = Rs. 1612.59 /sqm**

**F) Stair Case**

**i) Ground Floor**

R.C.C. M-20 Basic Rate					Rs.	6162.64 /cum
Add for Centering & shuttering	9.00 sqm	@ Rs.	1043.10 /sqm.	=	Rs.	9387.90 /cum

**or say = Rs. 15550.54 /Cum**

**ii) 1st Floor**

R.C.C. M-20 Basic Rate					Rs.	6282.27 /cum
Add for Centering & shuttering	9.00 sqm	@ Rs.	1251.71 /sqm.	=	Rs.	11265.39 /cum

**or say = Rs. 17547.66 /Cum**

**G) Roof slab**

**i) Ground Floor**

R.C.C. M-20 Basic Rate					Rs.	6162.64 /cum
Add for Centering & shuttering	10.00 sqm	@ Rs.	754.61 /sqm.	=	Rs.	7546.10 /cum

**or say = Rs. 13708.74 /Cum**

**ii) 1st Floor**

R.C.C. M-20. Basic Rate					Rs.	6282.27 /cum
Add for Centering & shuttering	10.00 sqm	@ Rs.	905.54 /sqm.	=	Rs.	9055.40 /cum

**or say = Rs. 15337.67 /Cum**

**iii) 2nd Floor**

R.C.C. M-20. Basic Rate					Rs.	6419.85 /cum
Add for Centering & shuttering	10.00 sqm	@ Rs.	1086.64 /sqm.	=	Rs.	10866.40 /cum

**or say = Rs. 17286.25 /Cum**

- 7 Providing M.S. reinforcement for R.C.C. work including cutting, bending, binding and tying the grills and placing in position including cost of binding wire 18 to 20 gauge.

**Per Qntl.**

**Materials**

Cost of M.S.reinforcement including 5% over lap & wastage.	1.05 Tonne	@ Rs.	65951.50 /Tonne.	=	Rs.	69249.08
Binding wire	8.00 Kg	@ Rs.	90.10 /Kg.	=	Rs.	720.80
<b>Labour</b>						
Mate	0.44 nos	@ Rs.	502.00 /each	=	Rs.	220.88
Black smith (special)	3.00 nos	@ Rs.	602.00 /each	=	Rs.	1806.00
Mazdoor	8.00 nos	@ Rs.	452.00 /each	=	Rs.	3616.00
				=	Rs.	75612.76
<b>Overhead charges @ 7.5%</b>						5670.96
<b>Contractor profit @ 7.5%</b>						5670.96
						86954.67 /Tonne
<b>Carriage &amp; Royalty</b>						<b>8695.47 /Qntl.</b>
M.S.reinforcement.	1.05 Qntl.	@ Rs.	24.79 /Qntl.	=	Rs.	26.03
					Rs.	8721.50 / Qntl.
<b>Add labour cess 1%</b>						87.22
				=	Rs.	<b>8808.72 / Qntl.</b>
<u>For reinforcement work:</u>						
<u>For 1st Floor:</u>						
	<b>Labour of next lower floor</b>	<b>for upper floor</b>	<b>O.H.C. @ 7.5%</b>	<b>c. Profit @ 7.5%</b>		
Add 5% extra labour over & above the rates from the next lower floor	564.29	28.21	2.12	2.12	=	Rs. 32.44
						Rs. 8753.94 / Qntl.
<b>Add labour cess 1%</b>						87.54
						Rs. <b>8841.48 / Qntl.</b>
<u>For 2nd Floor:</u>						
	<b>Labour of next lower floor</b>	<b>for upper floor</b>	<b>O.H.C. @ 7.5%</b>	<b>c. Profit @ 7.5%</b>		
Add 5% extra labour over & above the rates from the next lower floor	592.50	29.63	2.22	2.22	=	Rs. 34.07
						Rs. 8788.02 / Qntl.
<b>Add labour cess 1%</b>						87.88
						Rs. <b>8875.90 / Qntl.</b>

8 Brick work with Flyash bricks 25cm x 12cm x 8cm having crushing strength not less than 75 Kg/cm<sup>2</sup> with dimensional tolerance + 2 percent in cement mortar (1:6) in foundation.

Per Cum.

<b>Materials</b>						
Flyash bricks 25cm x 12cm x 8cm	350.00 Nos.	@ Rs.	5142.55 /1000 Nos.	=	Rs.	1799.89
Sand (Screened & washed)	0.28 cum	@ Rs.	66.23 /cum	=	Rs.	18.54
Cement	0.672 qntl.	@ Rs.	533.67 /qntl.	=	Rs.	358.62
<b>Carriage &amp; Royalty</b>						<b>2177.05</b>
Flyash bricks 25cm x 12cm x 8cm	350.00 Nos.	@ Rs.	405.53 /350 Nos.	=	Rs.	405.53
Sand (Screened & washed)	0.28 cum	@ Rs.	1440.86 /cum	=	Rs.	403.44
Cement	0.672 qntl.	@ Rs.	12.21 /qntl.	=	Rs.	8.21
<b>Labour</b>						<b>817.18</b>
Mason Special	0.35 nos	@ Rs.	602.00 /each	=	Rs.	210.70



Mason 2nd class	1.05 nos	@ Rs.	552.00 /each	=	Rs.	579.60
Man Mulia	1.41 nos	@ Rs.	452.00 /each	=	Rs.	637.32
Woman Mulia	1.41 nos	@ Rs.	452.00 /each	=	Rs.	637.32
Preparing mortar and getting water etc.	0.14 nos	@ Rs.	452.00 /each	=	Rs.	63.28
						<b>2128.22</b>

= Rs. 4305.27

**Overhead charges @ 7.5%**

322.90

**Contractor profit @ 7.5%**

322.90

**Carriage & Royalty**

**817.18**

Rs. 5768.24

**Add labour cess @ 1%**

57.68

= Rs. **5825.92 / cum**

**For brick masonry in Superstructure add extra towards labour and scaffolding**

Rs. 33.00

Rs. 5801.24 / cum

**Add labour cess @ 1%**

58.01

= Rs. **5859.25 / cum**

**For 1st Floor:**

Labour of next  
lower floor

for upper  
floor

O.H.C. @  
7.5%

or say

C profit @  
7.5%

=

Add 15% extra labour over & above the rates from the next lower floor

2128.22

319.23

23.94

23.94

=

Rs. 367.12

**Add labour cess @ 1%**

Rs. 6168.36 / cum

61.68

or say

=

Rs. **6230.04 / cum**

**For 2nd Floor:**

Labour of next  
lower floor

for upper  
floor

O.H.C. @  
7.5%

C profit @  
7.5%

=

Add 15% extra labour over & above the rates from the next lower floor

2447.45

367.12

27.53

27.53

=

Rs. 422.19

**Add labour cess @ 1%**

Rs. 6590.54 / cum

65.91

or say

=

Rs. **6656.45 / cum**

9. Brick work with Flyash bricks 25cm x 12cm x 8cm having crushing strength not less than 75 Kg/cm<sup>2</sup> with dimensional tolerance +2 percent in cement mortar (1:4) in foundation.

**Per Cum.**

**Materials**

Flyash Brick bricks 25cm x 12cm x 8cm 350.00 Nos. @ Rs. 5142.55 /1000 Nos. = Rs. 1799.89

Sand (Screened & washed) 0.28 cum @ Rs. 66.23 /cum = Rs. 18.54

Cement 1.00 qntl. @ Rs. 533.67 /qntl. = Rs. 533.67

**2352.10**

**Carriage & Royalty**

Flyash bricks 25cm x 12cm x 8cm 350.00 Nos. @ Rs. 405.53 /350 Nos. = Rs. 405.53

Sand (Screened & washed) 0.28 cum @ Rs. 1440.86 /cum = Rs. 403.44

Cement 1.00 qntl. @ Rs. 12.21 /qntl. = Rs. 12.21

**821.18**

**Labour**

Mason Special 0.35 nos @ Rs. 602.00 /each = Rs. 210.70

Mason 2nd class 1.05 nos @ Rs. 552.00 /each = Rs. 579.60

Man Mulia 1.41 nos @ Rs. 452.00 /each = Rs. 637.32

Woman Mulia	1.41 nos	@ Rs.	452.00 /each	=	Rs.	637.32
Preparing mortar and getting water etc.	0.14 nos	@ Rs.	452.00 /each	=	Rs.	63.28 <b>2128.22</b>
				=	Rs.	4480.32
<b>Overhead charges @ 7.5%</b>						336.02
<b>Contractor profit @ 7.5%</b>						336.02
<b>Carriage &amp; Royalty</b>						<b>821.18</b>
					Rs.	5973.55
<b>Add labour cess @ 1%</b>						59.74
				=	Rs.	<b>6033.28 / cum</b>
<b>For brick masonry in Superstructure add extra towards labour and scaffolding to the rate</b>					Rs.	33.00
					Rs.	6006.55 / cum
<b>Add labour cess @ 1%</b>						60.07
				=	Rs.	<b>6066.61 / cum</b>
<b>For 1st Floor:</b>	<b>Labour of next lower floor</b>	<b>for upper floor</b>	<b>O.H.C. @ 7.5%</b>	<b>or say C profit @ 7.5%</b>		
Add 15% extra labour over & above the rates from the next lower floor	2128.22	319.23	23.94	23.94	=	Rs. 367.12
						Rs. 6373.67 / cum
<b>Add labour cess @ 1%</b>						63.74
					Rs.	<b>6437.40 / cum</b>
<b>For 2nd Floor:</b>	<b>Labour of next lower floor</b>	<b>for upper floor</b>	<b>O.H.C. @ 7.5%</b>	<b>or say C profit @ 7.5%</b>		
Add 15% extra labour over & above the rates from the next lower floor	2447.45	367.12	27.53	27.53	=	Rs. 422.19
						Rs. 6795.85 / cum
<b>Add labour cess @ 1%</b>						67.96
				<b>or say</b>	=	Rs. <b>6863.81 / cum</b>

**10 16mm thick cement plaster (1:6) over brick or stone masonry.**

**Per Sqm.**

**Materials**

Sand (Screened & washed) 0.018 cum @ Rs. 66.23 /cum = Rs. 1.19

Cement 0.043 qntl. @ Rs. 533.67 /qntl. = Rs. 22.95

**Labour**

Mason 2nd class 0.16 nos @ Rs. 552.00 /each = Rs. 88.32

Man Mulia 0.11 nos @ Rs. 452.00 /each = Rs. 49.72

Woman Mulia 0.11 nos @ Rs. 452.00 /each = Rs. 49.72

Man mulia for mixing cement & sand and watering. 0.02 nos @ Rs. 452.00 /each = Rs. 9.04

= Rs. 220.94

**Overhead charges @ 7.5%** 16.57

**Contractor profit @ 7.5%** 16.57

**Carriage & Royalty**

Sand (Screened & washed)	0.018 cum	@ Rs.	1440.86 /cum	=	Rs.	25.94
Cement	0.043 qntl.	@ Rs.	12.21 /qntl.	=	Rs.	0.53
					Rs.	280.55 / Sqm.
<b>Add labour cess @ 1%</b>						2.81

**Rs. 283.36 / Sqm.**

**For 1st Floor:(Inside)**      **Labour of next lower floor**      **for upper floor**      **O.H.C. @ 7.5%**      **say C profit @ 7.5%**

Add 3% extra labour over & above the rates from the next lower floor	196.80	5.90	0.44	0.44	=	Rs.	6.79
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Rs. 287.34 / Sqm.  
2.87

**Add labour cess @ 1%**

**Rs. 290.21 / Sqm.**

**For 2nd Floor:(Inside)**      **Labour of next lower floor**      **for upper floor**      **O.H.C. @ 7.5%**      **or say C profit @ 7.5%**

Add 3% extra labour over & above the rates from the next lower floor	202.70	6.08	0.46	0.46	=	Rs.	6.99
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Rs. 294.33 / Sqm.  
2.94

**Add labour cess @ 1%**

**Rs. 297.27 / Sqm.**

**11 12mm thick cement plaster (1:6) on brick work.**

**Per Sqm.**

**Materials**

Sand (Screened & washed)	0.015 cum	@ Rs.	66.23 /cum	=	Rs.	0.99
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Cement	0.0358 qntl.	@ Rs.	533.67 /qntl.	=	Rs.	19.11
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**Labour**

Mason 2nd class	0.14 nos	@ Rs.	552.00 /each	=	Rs.	77.28
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Man Mulia	0.05 nos	@ Rs.	452.00 /each	=	Rs.	22.60
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Woman Mulia	0.05 nos	@ Rs.	452.00 /each	=	Rs.	22.60
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Man mulia for mixing sand & watering.	0.02 nos	@ Rs.	452.00 /each	=	Rs.	9.04
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= Rs. 151.62

**Overhead charges @ 7.5%**

11.37

**Contractor profit @ 7.5%**

11.37

**Carriage & Royalty**

Sand (Screened & washed)	0.015 cum	@ Rs.	1440.86 /cum	=	Rs.	21.61
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Cement	0.0358 qntl.	@ Rs.	12.21 /qntl.	=	Rs.	0.44
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Rs. 196.41 / Sqm.

1.96 / Sqm.

**Add labour cess 1%**

**Rs. 198.38 / Sqm.**

**For 1st Floor:(Out side)**      **Labour of next lower floor**      **for upper floor**      **O.H.C. @ 7.5%**      **say C profit @ 7.5%**

Add 5% extra labour over & above the rates from the next lower floor	131.52	6.58	0.49	0.49	=	Rs.	7.57
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Add labour cess @ 1% Rs. 203.98 / Sqm.  
2.04

or say = Rs. **206.02 / Sqm.**

**For 2nd Floor:(Out side)** Labour of next for upper O.H.C. @ or say C profit @  
lower floor floor 7.5% 7.5%

Add 5% extra labour over & above 138.10 6.91 0.52 0.52 = Rs. 7.95  
the rates from the next lower floor

Rs. 211.93 / Sqm.  
2.12

Add labour cess @ 1%

or say = Rs. **214.05 / Sqm.**

**12 6mm thick cement plaster (1:4) to R.C.C. surfaces finished smooth including deep chipping and slury treatment.**

**Per Sqm.**

**Materials**

Sand (Screened & washed) 0.0075 cum @ Rs. 66.23 /cum = Rs. 0.50

Cement 0.0372 qntl. @ Rs. 533.67 /qntl. = Rs. 19.85

**Labour**

Mason 2nd class 0.14 nos @ Rs. 552.00 /each = Rs. 77.28

Man Mulia 0.05 nos @ Rs. 452.00 /each = Rs. 22.60

Woman Mulia 0.05 nos @ Rs. 452.00 /each = Rs. 22.60

Man mulia for mixing sand & watering. 0.02 nos @ Rs. 452.00 /each = Rs. 9.04

For deep chipping & cleaning - Man Mulia 0.05 nos @ Rs. 452.00 /each = Rs. 22.60

= Rs. 174.47

**Overhead charges @ 7.5%** 13.09

**Contractor profit @ 7.5%** 13.09

**Carriage & Royalty**

Sand (Screened & washed) 0.0075 cum @ Rs. 1440.86 /cum = Rs. 10.81

Cement 0.0372 qntl. @ Rs. 12.21 /qntl. = Rs. 0.45

Rs. 211.90 / Sqm.

Add labour cess @ 1%

2.12

say = Rs. **214.02 / Sqm.**

**For 1st Floor:** Labour of next for upper O.H.C. @ say C profit @  
lower floor floor 7.5% 7.5%

Add 3% extra labour over & above 154.12 4.62 0.35 0.35 = Rs. 5.31  
the rates from the next lower floor

Rs. 217.21 / Sqm.

Add labour cess @ 1%

2.17

or say = Rs. **219.39 / Sqm.**

<u>For 2nd Floor:</u>	Labour of next lower floor	for upper floor	O.H.C. @ 7.5%	C profit @ 7.5%	=	Rs.	
Add 3% extra labour over & above the rates from the next lower floor	158.74	4.76	0.36	0.36	=	Rs.	5.47
						Rs.	222.69 / Sqm.
<b>Add labour cess @ 1%</b>							2.23
					<b>or say</b>	<b>Rs.</b>	<b>224.91 / Sqm.</b>

- 13 Fixing tile in floors treads or steps and landing on 20mm thick bed of cement mortar 1:4 (1 cement : 4 sand) jointed with neat cement slurry mixed with pigment to match the shades on the tiles etc. complete.

<u>Per Sqm.</u>	<u>Data for 10 Sqm.</u>						
<b>Materials</b>							
Cement	0.744 qntl.	@ Rs.	533.67 /qntl.	=	Rs.	397.05	
Sand (Screened & washed)	0.21 cum	@ Rs.	66.23 /cum	=	Rs.	13.91	
Cement for slurry.	0.33 qntl.	@ Rs.	533.67 /qntl.	=	Rs.	176.11	
Cement for grouting(White cement)	0.076 qntl.	@ Rs.	2017.18 /qntl.	=	Rs.	153.31	<b>740.38</b>
<b>Carriage &amp; Royalty</b>							
Cement	1.15 qntl.	@ Rs.	12.21 /qntl.	=	Rs.	14.04	
Sand (Screened & washed)	0.21 cum	@ Rs.	1440.86 /cum	=	Rs.	302.58	<b>316.62</b>
<b>Labour</b>							
Mason special	2.16 nos	@ Rs.	602.00 /each	=	Rs.	1300.32	
Mulia	2.16 nos	@ Rs.	452.00 /each	=	Rs.	976.32	<b>2276.64</b>
				=	Rs.	3017.02	
<b>Overhead charges @ 7.5%</b>						226.28	
<b>Contractor profit @ 7.5%</b>						226.28	
<b>Carriage &amp; Royalty</b>						<b>316.62</b>	
					Rs.	3786.19 / 10Sqm.	
Rate per sqm =		Rs.	3786.19 /10	=	Rs.	378.62 /sqm.	
<b>Add labour cess @ 1%</b>						3.79 / Sqm.	
				<b>or say</b>	<b>Rs.</b>	<b>382.41 / Sqm.</b>	

- A Kota tiles (above 0.10 sqm 16mm thick.)

<u>Materials</u>							
Cost of tile (including wastage)	1.00 Sqm	@ Rs.	500.20 /Sqm.	=	Rs.	500.20	
					Rs.	500.20	
<b>Overhead charges @ 7.5%</b>						37.52	
<b>Contractor profit @ 7.5%</b>						37.52	
Carriage of Kota tile	1.00 Sqm	@ Rs.	9.60 /Sqm.	=	Rs.	9.60	
<b>cost of fixing</b>					Rs.	378.62	
				<b>Total:</b>	Rs.	963.45 /sqm.	
<b>Add labour cess @ 1%</b>						9.63	
				<b>Total:</b>	Rs.	<b>973.08 / Sqm.</b>	

<u>For 1st Floor:</u>	Labour of next lower floor	for upper floor	O.H.C. @ 7.5%	C profit @ 7.5%	=	Rs.	
Add 5% extra labour over & above the rates from the next lower floor	227.66	11.38	0.85	0.85	=	Rs.	13.09

	Rs.	976.54 / Sqm.		
Add labour cess @ 1%		9.77		
or say	=		=	Rs. <span style="border: 1px solid black; padding: 2px;">986.30 / Sqm.</span>

**B Ceramic tiles (300mm x 300mm/ 400mm x 400mm.)**

Materials

Cost of tile (including	1.00 Sqm	@ Rs.	450.08 /Sqm.	=	Rs. 450.08
				=	Rs. 450.08
<b>Overhead charges @ 7.5%</b>					33.76
<b>Contractor profit @ 7.5%</b>					33.76
Carriage of Ceramic tile	1.00 Sqm	@ Rs.	9.60 /Sqm.	=	Rs. 9.60
 <b>cost of fixing</b>				=	Rs. 378.62
				<b>Total:</b>	Rs. 905.81 /sqm.
<b>Add labour cess @ 1%</b>					9.06
				<b>Total:</b>	Rs. <span style="border: 1px solid black; padding: 2px;">914.87 / Sqm.</span>

For 1st Floor:

	<b>Labour of next</b>	<b>for upper</b>	<b>O.H.C. @</b>	<b>C profit @ 7.5%</b>	
Add 5% extra labour over & above the rates from the next lower floor	227.66	11.38	0.85	0.85	=
					Rs. 13.09
 <b>Add labour cess @ 1%</b>					Rs. 918.90 / Sqm.
					9.19
or say	=		=		Rs. <span style="border: 1px solid black; padding: 2px;">928.09 / Sqm.</span>

**14** Fixing tiles/Marbles in dados skirting and risers of step on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigment to match the shades of the tiles etc. complete.

<u>Per Sqm.</u>	<u>Data for 10 Sqm.</u>				
<b>Materials</b>					
Sand (Screened & washed)	0.15 cum	@ Rs.	66.23 /cum	=	Rs. 9.93
Cement	0.715 qntl.	@ Rs.	533.67 /qntl.	=	Rs. 381.57
Cement for slurry.	0.66 qntl.	@ Rs.	533.67 /qntl.	=	Rs. 352.22 <b>743.72</b>
<b>Carriage &amp; Royalty</b>					
Sand (Screened & washed)	0.15 cum	@ Rs.	1440.86 /cum	=	Rs. 216.13
Cement	1.375 qntl.	@ Rs.	12.21 /qntl.	=	Rs. 16.79 <b>232.92</b>
<b>Labour</b>					
Mason special	3.25 nos	@ Rs.	602.00 /each	=	Rs. 1956.50
Mulia	3.25 nos	@ Rs.	452.00 /each	=	Rs. 1469.00 <b>3425.50</b>
				=	Rs. 4169.22
<b>Overhead charges @ 7.5%</b>					312.69
<b>Contractor profit @ 7.5%</b>					312.69
<b>Carriage &amp; Royalty</b>					<b>232.92</b>
					Rs. 5027.52 / 10Sqm.
Rate per sqm =		Rs.	5027.52 /10	=	Rs. 502.75 /sqm.
<b>Add labour cess @ 1%</b>					5.03
				<b>or say</b>	=
					Rs. <b>507.78 / Sqm.</b>

**A Ceramic tiles (300mm x 300mm/ 400mm x 400mm.)**

Materials

Cost of tile (including westage)	1.00 Sqm	@ Rs.	450.08 /Sqm.	=	Rs. 450.08
				=	Rs. 450.08



Overhead charges @ 7.5%							Rs.	33.76
Contractor profit @ 7.5%							Rs.	33.76
Carriage of Ceramic tile	1.00 Sqm	@ Rs.	9.60 /Sqm.	=			Rs.	9.60
cost of fixing				=			Rs.	502.75
					<b>Total:</b>		Rs.	1029.94 /sqm.
Add labour cess @ 1%								10.30
					<b>Total:</b>		Rs.	<b>1040.24 / Sqm.</b>

<u>For 1st Floor:</u>	Labour of next lower floor	for upper floor	O.H.C. @ 7.5%	C profit @ 7.5%				
Add 5% extra labour over & above the rates from the next lower floor	342.55	17.13	1.28	1.28	=		Rs.	19.70
							Rs.	1049.64 / Sqm.
Add labour cess @ 1%								10.50
					or say	=	Rs.	<b>1060.14 / Sqm.</b>

**B Glazed Wall tiles (20cm x 30cm / 20cm x 20cm)**

<u>Materials</u>								
Cost of tile (including wastage)	1.00 Sqm	@ Rs.	405.20 /Sqm.	=			Rs.	405.20
				=			Rs.	405.20
Overhead charges @ 7.5%								30.39
Contractor profit @ 7.5%								30.39
Carriage of tile	1.00 Sqm	@ Rs.	9.60 /Sqm.	=			Rs.	9.60
cost of fixing				=			Rs.	502.75
					<b>Total:</b>		Rs.	978.33 /sqm.
Add labour cess @ 1%								9.78
						=	Rs.	<b>988.11 / Sqm.</b>

<u>For 1st Floor:</u>	Labour of next lower floor	for upper floor	O.H.C. @ 7.5%	C profit @ 7.5%				
Add 5% extra labour over & above the rates from the next lower floor	342.55	17.13	1.28	1.28	=		Rs.	19.70
							Rs.	998.03 / Sqm.
Add labour cess @ 1%								9.98
					or say	=	Rs.	<b>1008.01 / Sqm.</b>

**15 Factory made single extruded WPC ( Wood Polymer Composite ) solid door/window clerestory windows or other frames/Chowkhat of frame size 65 X 125mm. DSR (Vol-1 ) 2021, Page no-40, Sl no-5752.**

WPC door/window clerestory windows or other frames/Chowkhat	1	Mtr	@ Rs.	835.00	/mtr	835.00	/mtr	
Add Overhead Charges	7.50%					Rs.	62.63	
Add Contractor Profit	7.50%					Rs.	62.63	
							<u>960.25</u>	/mtr
Add labour cess @ 1%							9.60	
							<b>969.85</b>	<b>/mtr</b>

**16** Factory made single extruded WPC ( Wood Polymer Composite ) solid Plain Flush Door Shutter **30mm Thick . DSR (Vol-1 ) 2021, Page no-41, Sl no-5754.**

30mm Thick WPC solid Plain Flush Door Shutter	1-	Sqm	@ Rs.	2800.00	/Sqm	2800.00 /Sqm
Add Overhead Charges	7.50%					Rs. 210.00
Add Contractor Profit	7.50%					Rs. 210.00
						<u>3220.00 /Sqm</u>
						32.20
<b>Add labour cess @ 1%</b>						<b>3252.20 /Sqm</b>

**17** Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in stair case as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect.

**Per Rmt. Data for 3.26 Rmt. Or 34.16 kg**

**Materials**

Railing- 50mm outer dia of 2mm thick 3.26 rmt. @ 3.50kg/mtr.	11.41 Kg	@ Rs.	240.24 /Kg	=	Rs. 2741.14
Balustrade of size	6.12 Kg	@ Rs.	256.62 /Kg	=	Rs. 1570.51
Stainless steel square pipe	16.63 Kg	@ Rs.	256.62 /Kg	=	Rs. 4267.59
					<u>8579.24</u>
Fabrication	34.16 Kg	@ Rs.	10.00 /Kg	=	Rs. 341.60
Buffing, polishing etc. 2%					171.58

**Labour**

High skilled Labour	0.89 nos	@ Rs.	602.00 /each	=	Rs. 535.78
Semi skilled Labour	0.89 nos	@ Rs.	502.00 /each	=	Rs. 446.78
				=	Rs. 10074.98

**Overhead charges @ 7.5%**

755.62

**Contractor profit @ 7.5%**

755.62

**-11586.23 / 34.16 Kg**

Rate per Rmt. = Rs. 11586.23 / 34.16

Rs. 339.18 / Kg

**Add Labour cess 1%**

3.39 / Kg

or say

Rs. **342.57 / Kg**

**18** Priming one coat with any approved primer including cost of material & labour.

**Per Sqm. Data for 9.30 Sqm.**

**Labour**

Painter special	0.50 nos	@ Rs.	602.00 /each	=	Rs. 301.00
Man Mulia for preparation	0.50 nos	@ Rs.	452.00 /each	=	Rs. 226.00
					Rs. 527.00 / 9.3Sqm.
Rate per sqm =		Rs.	527.00 /9.3	=	Rs. <b>56.67 /sqm.</b>

**A For Iron work.**

Add cost of Primer. 0.054 Ltr. @ Rs. 142.70 /Ltr. = Rs. 7.71

**Overhead charges @ 7.5%**

4.83

**Contractor profit @ 7.5%**

4.83

Rs. 74.04 / Sqm.

**Add labour cess @ 1%**

0.74

				or say	=	Rs. <b>74.78 / Sqm.</b>
<b>For 1st Floor:</b>	<b>Labour of next lower floor</b>	<b>for upper floor</b>	<b>O.H.C. @ 7.5%</b>	<b>C profit @ 7.5%</b>		
Add 3% extra labour over & above the rates from the next lower floor	56.67	1.70	0.13	0.13	=	Rs. 1.96
<b>Add labour cess @ 1%</b>						Rs. 75.99 / Sqm. 0.76
				or say	=	Rs. <b>76.75 / Sqm.</b>
<b>For 2nd Floor:</b>	<b>Labour of next lower floor</b>	<b>for upper floor</b>	<b>O.H.C. @ 7.5%</b>	<b>C profit @ 7.5%</b>		
Add 3% extra labour over & above the rates from the next lower floor	58.37	1.75	0.13	0.13	=	Rs. 2.01
<b>Add labour cess @ 1%</b>						Rs. 78.00 / Sqm. 0.78
				or say	=	Rs. <b>78.78 / Sqm.</b>
<b>B For plastered surface with water bound cement primer. INSIDE</b>						
Add cost of Primer.	0.084 Ltr.	@ Rs.	159.03 /Ltr.		=	Rs. 13.36
<b>Overhead charges @ 7.5%</b>						5.25
<b>Contractor profit @ 7.5%</b>						5.25
<b>Add labour cess @ 1%</b>						Rs. 80.53 / Sqm. 0.81
				or say	=	Rs. <b>81.34 / Sqm.</b>
<b>For 1st Floor:</b>	<b>Labour of next lower floor</b>	<b>for upper floor</b>	<b>O.H.C. @ 7.5%</b>	<b>C profit @ 7.5%</b>		
Add 3% extra labour over & above the rates from the next lower floor	56.67	1.70	0.13	0.13	=	Rs. 1.96
<b>Add labour cess @ 1%</b>						Rs. 82.49 / Sqm. 0.82
				or say	=	Rs. <b>83.31 / Sqm.</b>
<b>For 2nd Floor:</b>	<b>Labour of next lower floor</b>	<b>for upper floor</b>	<b>O.H.C. @ 7.5%</b>	<b>C profit @ 7.5%</b>		
Add 3% extra labour over & above the rates from the next lower floor	58.37	1.75	0.13	0.13	=	Rs. 2.01
<b>Add labour cess @ 1%</b>						Rs. 84.50 / Sqm. 0.85
				or say	=	Rs. <b>85.35 / Sqm.</b>
<b>C For plastered surface with water bond cement primer.OUTSIDE</b>						
Add cost of Primer.	0.084 Ltr.	@ Rs.	159.03 /Ltr.		=	Rs. 13.36
<b>Overhead charges @ 7.5%</b>						5.25
<b>Contractor profit @ 7.5%</b>						5.25
<b>Add labour cess @ 1%</b>						Rs. 80.53 / Sqm. 0.81
				or say	=	Rs. <b>81.34 / Sqm.</b>
<b>For 1st Floor:</b>	<b>Labour of next lower floor</b>	<b>for upper floor</b>	<b>O.H.C. @ 7.5%</b>	<b>C profit @ 7.5%</b>		
Add 5% extra labour over & above the rates from the next lower floor	56.67	2.83	0.21	0.21	=	Rs. 3.25
						Rs. 83.79 / Sqm.



Add labour cess @ 1%

0.84

or say = Rs. **84.63 / Sqm.**

**For 2nd Floor:**

	Labour of next lower floor	for upper floor	O.H.C. @ 7.5%	C profit @ 7.5%	=	
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Add 5% extra labour over & above the rates from the next lower floor	59.50	2.98	0.22	0.22	=	Rs. 3.43
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Rs. 87.22 / Sqm.

Add labour cess @ 1%

0.87

or say =

Rs. **88.09 / Sqm.**

19 Painting 2 coats with any approved paint on new/old wood work including cost of paint & labour.

**Per Sqm.**

**Data for 9.30 Sqm.**

**Labour**

Painter special	1.25 nos	@ Rs.	602.00 /each	=	Rs. 752.50
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Man Mulia	1.00 nos	@ Rs.	452.00 /each	=	Rs. 452.00
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Man Mulia for preparation of surface.	0.10 nos	@ Rs.	452.00 /each	=	Rs. 45.20
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= Rs. 1249.70

Rs. 1249.70 / 9.35sqm.

Rate per sqm =

Rs. 1249.70 / 9.3

= Rs. 134.38 /sqm.

Add cost of Enamel Paint .	0.125 Ltr.	@ Rs.	205.34 /Ltr.	=	Rs. 25.67
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= Rs. 160.05

Overhead charges @ 7.5%

12.00

Contractor profit @ 7.5%

12.00

Rs. 184.06 /sqm.

Add labour cess @ 1%

1.84

Rs. **185.90 / Sqm.**

**For 1st Floor:**

	Labour of next lower floor	for upper floor	O.H.C. @ 7.5%	C profit @ 7.5%	=	
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Add 3% extra labour over & above the rates from the next lower floor	134.38	4.03	0.30	0.30	=	Rs. 4.63
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Rs. 188.69 / Sqm.

Add labour cess @ 1%

1.89

Rs. **190.58 / Sqm.**

**For 2nd Floor:**

	Labour of next lower floor	for upper floor	O.H.C. @ 7.5%	C profit @ 7.5%	=	
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Add 3% extra labour over & above the rates from the next lower floor	138.41	4.15	0.31	0.31	=	Rs. 4.77
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Rs. 193.46 / Sqm.

Add labour cess @ 1%

1.93

or say =

Rs. **195.40 / Sqm.**

20 Distempering two coats to wall with distemper of approved shade on new work to give an even shade including cost of distemper.

**Per Sqm.**

**Data for 10 Sqm.**

**a) Labour**

Painter special	0.52 nos	@ Rs.	602.00 /each	Rs. 313.04
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Man Mulia	0.52 nos	@ Rs.	452.00 /each	Rs. 235.04
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Man Mulia for preparation of surface.	0.10 nos	@ Rs.	452.00 /each	Rs. 45.20
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Rs. 593.28

Rate per sqm =				Rs. 593.28 /10		Rs. 59.33 / 10Sqm.
Add cost of Distemper	0.25 Kg	@ Rs.		70.10 /Kg		Rs. 17.53 /sqm.
						Rs. 76.86
<b>Overhead charges @ 7.5%</b>						5.76
<b>Contractor profit @ 7.5%</b>						5.76
						Rs. 88.39
<b>Add labour cess @ 1%</b>						0.88
						<b>Rs. 89.27 / Sqm.</b>

<b>For 1st Floor (Inside):</b>	<b>Labour of next lower floor</b>	<b>for upper floor</b>	<b>O.H.C. @ 7.5%</b>	<b>C profit @ 7.5%</b>		
Add 3% extra labour over & above the rates from the next lower floor	59.33	1.78	0.13	0.13		Rs. 2.05
						Rs. 90.44
<b>Add labour cess @ 1%</b>						0.90
						<b>Rs. 91.34 / Sqm.</b>

<b>For 2nd Floor (Inside):</b>	<b>Labour of next lower floor</b>	<b>for upper floor</b>	<b>O.H.C. @ 7.5%</b>	<b>C profit @ 7.5%</b>		
Add 3% extra labour over & above the rates from the next lower floor	61.11	1.83	0.14	0.14		Rs. 2.10
						Rs. 92.54
<b>Add labour cess @ 1%</b>						0.93
						<b>Rs. 93.47 / Sqm.</b>

21 Wall painting two coats with 100% **Acrylic emulsion paint** (1st quality) **weather seal coat** exterior grade of approved make & shade manufactured by reputed manufacturer like NEROLAC / ASIAN / BERGER / DULOX or equivalent to make an even finished surface in all heights with all scaffolding and staging charges including cost, conveyance, taxes of all materials, cost of all labours, T & P, sundries etc. as required for the work complete.

<b>Per Sqm.</b>	<b>Data for 10 Sqm.</b>					
<b>I) Painting Two coats</b>						
<b>Labour</b>						
Painter special	0.54 nos	@ Rs.	602.00 /each	=		Rs. 325.08
Man Mulia	0.54 nos	@ Rs.	452.00 /each	=		Rs. 244.08
Man Mulia for preparation	0.10 nos	@ Rs.	452.00 /each	=		Rs. 45.20
						614.36
<b>Cost of Paint</b>	1.25 Ltr.	@ Rs.	194.79 /Ltr.	=		Rs. 243.49
						Rs. 857.85
<b>Overhead charges @ 7.5%</b>						64.34
<b>Contractor profit @ 7.5%</b>						64.34
						= Rs. 986.53 /10 sqm
Rate per sqm =			Rs. 489.27/10	=		Rs. 98.65 / Sqm.
<b>Add labour cess @ 1%</b>						0.99
						<b>Rs. 99.64 / Sqm.</b>

<b>For 1st Floor:</b>	<b>Labour of next lower floor</b>	<b>for upper floor</b>	<b>O.H.C. @ 7.5%</b>	<b>C profit @ 7.5%</b>	<b>or say</b>	
Add 5% extra labour over & above the rates from the next lower floor	61.44	3.07	0.23	0.23		Rs. 3.53
						Rs. 102.18



Add labour cess @ 1%

1.02

For 2nd Floor:

Labour of next lower floor    for upper floor    O.H.C. @ 7.5%    C profit @ 7.5%

or say =

Rs. 103.21 / Sqm.

Add 5% extra labour over & above the rates from the next lower floor

64.51    3.23    0.24    0.24    =

Rs. 3.71

Add labour cess @ 1%

or say =

Rs. 105.90

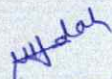
1.06

Rs. 106.96 / Sqm.

22 Providing, fitting & fixing Rigid PVC Plastic Pipe ( Class-4 )125mm dia rain water pipe .  
VIDE S/R 2022 ,PAGE NO-140 ,ITEM NO-26,B-iii

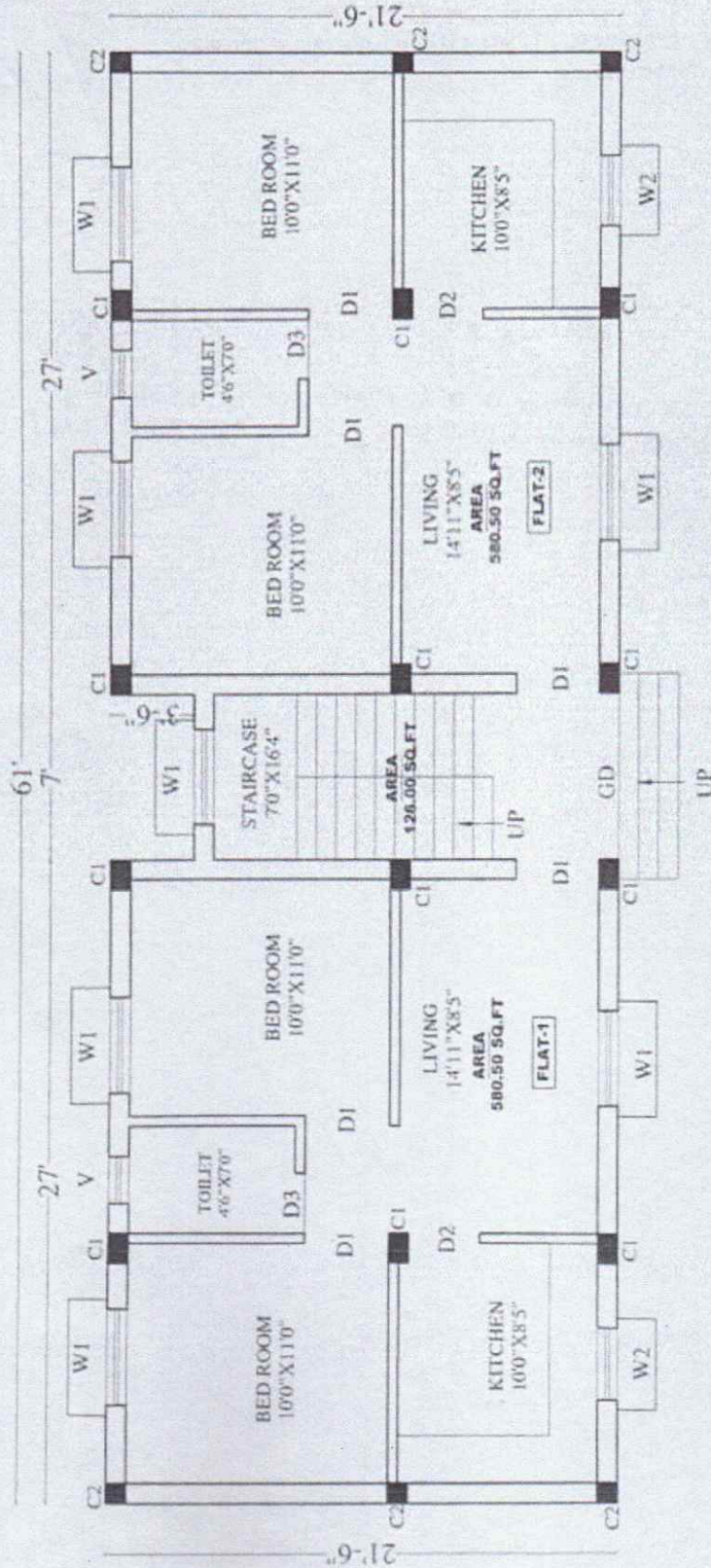
627.35 / RMT.

  
Assistant Executive Engineer  
(R & B) Sub-Division  
CHATRAPUR

  
Asst. Conservator of Forests  
I/c. Berhampur Range







GROUND FLOOR PLAN

AREA STATEMENT	
GROUND FLOOR AREA	2 UNITS = 580.50 X 2 = 1161.00 SQ.FT
STAIRCASE	= 126.00 SQ.FT
TOTAL AREA	= 1287.00 SQ.FT

SCHEDULE OF OPENING			
- DOOR -			
SL. NO.	TYPE	SIZE	SILL LINTEL HT.
1	D1	3'6" X 7'0"	7'0"
2	D2	3'0" X 7'0"	7'0"
3	D3	2'6" X 7'0"	7'0"
4	D4	7'0" X 7'0"	7'0"
5	D5	3'6" X 7'0"	7'0"
- WINDOW -			
6	W1	4'0" X 4'6"	2'6"
7	W2	3'0" X 4'6"	2'6"
8	V	2'0" X 2'0"	5'0"

Assistant Executive Engineer  
(R & B) Sub-Division  
CHATRAPUR

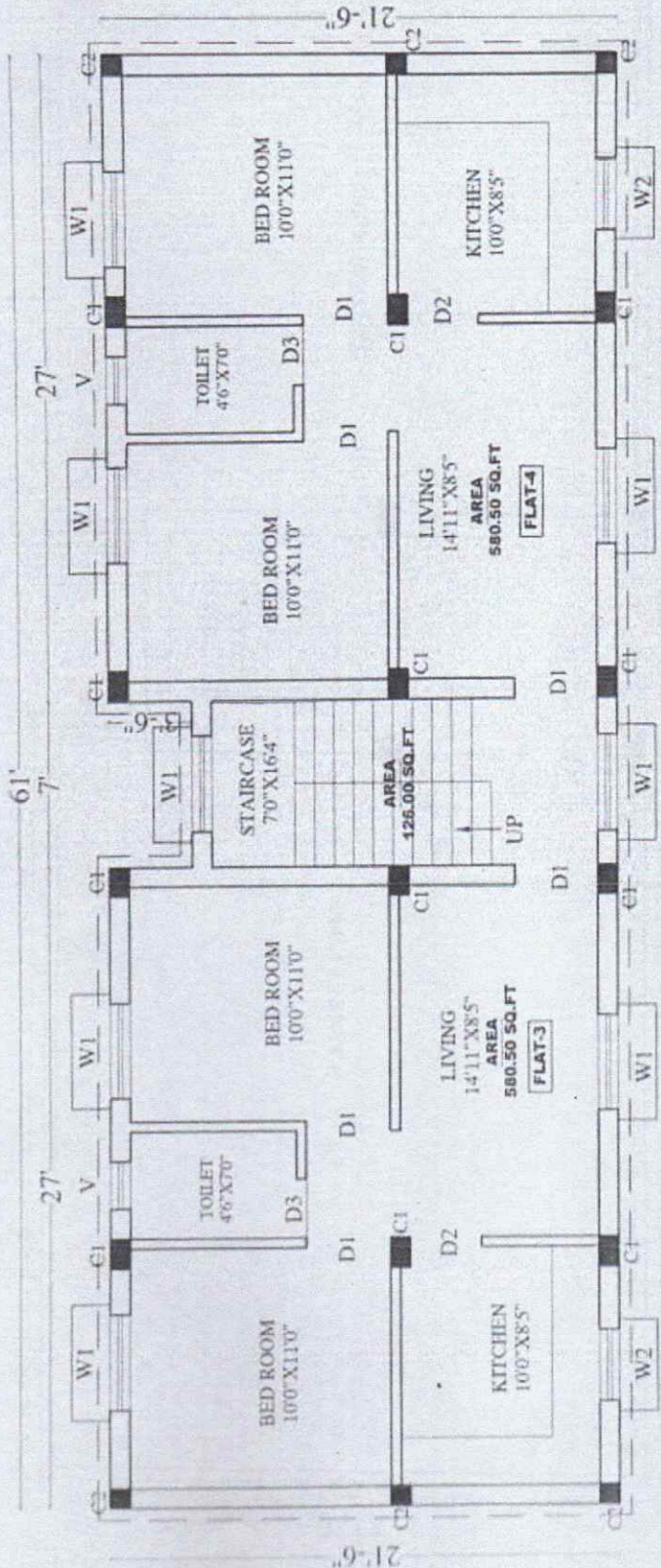
*M. Bhatnagar*  
Asst. Conservator of Forests  
M. Berhampur Range

Ar. N. Kulkarni  
Ar. Anurag Subram (R. Archt)  
Regd. No. CA/2014/65423

NAME OF THE CONSULTANT: **SOVA CONSULTANTS**  
 (Approved by Govt. of Odisha, An ISO 9001:2015 Certified)  
 Soil Testing Laboratory & Engineering Consultants  
 REGD. OFF - Plot-37, Jagadisa Nagar, Bhubaneswar-751004, Odisha  
 Phone: 9437111010, 9437256019  
 E-mail: sovaconsultants@gmail.com

**PROPOSED GROUND FLOOR PLAN OF MINISTERIAL QUARTER  
OF FOREST DEPT AT BRAHMAMPUR**





FIRST FLOOR PLAN

**AREA STATEMENT**

GROUND FLOOR AREA  
 2 UNITS = 580.50 SQ.FT = 1161.00 SQ.FT  
 STAIRCASE = 128.00 SQ.FT  
 TOTAL AREA = 1287.00 SQ.FT

**SCHEDULE OF OPENING**

DOOR			WINDOW		
SL. NO.	TYPE	SIZE	SHL. HT.	INTEL. HT.	
1	D1	3'6" X 7'0"	-	7'0"	
2	D2	3'0" X 7'0"	-	7'0"	
3	D3	2'6" X 7'0"	-	7'0"	
4	GD	7'0" X 7'0"	-	7'0"	
5	GD1	3'6" X 7'0"	-	7'0"	
6	W1	4'0" X 4'6"	2'6"	7'0"	
7	W2	3'0" X 4'6"	2'0"	7'0"	
8	V	2'0" X 2'0"	5'0"	7'0"	

*WFE*  
 Assistant Executive Engineer  
 (R & B) Sub-Division  
 CHATRAPUR

*Handwritten signature*  
 Asst. Conservator of Forests  
 K. Bhatnagar Range

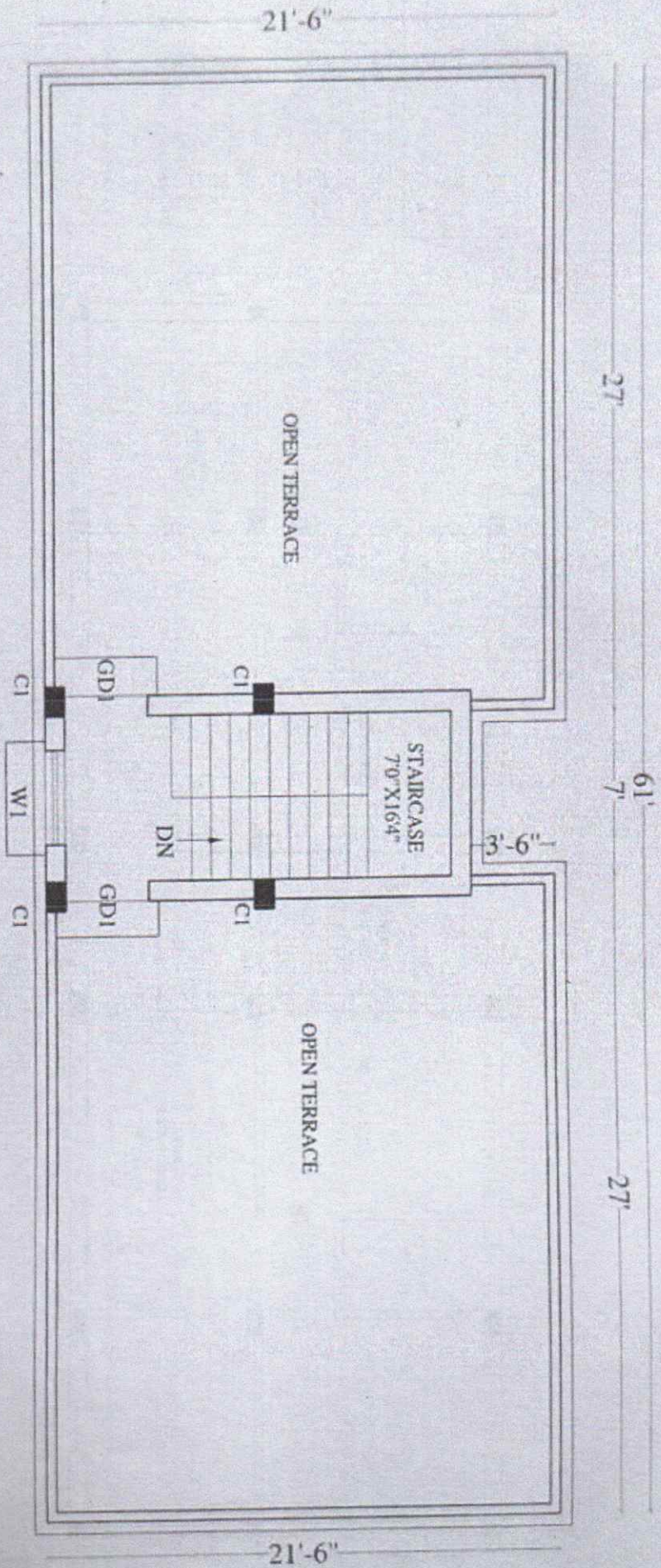
Ar. N. Sultana  
 Ar. Nazma Sultana (B.Arch)  
 Regd. No.-CA/2014/65423

NAME OF THE CONSULTANT

**SOVA**  
**CONSULTANTS**  
 (Approved by Govt. of Odisha, IAS ISO 9001:2015 Certified)  
 Soil Testing Laboratory & Engineering Consultant  
 REGD. OFFICE: Plot No-37, Agri. Market, Bhubaneswar-751005, Odisha  
 Phone-9431171015, 9437280039  
 Email-rcssova@gmail.com

**PROPOSED FIRST FLOOR PLAN OF MINISTERIAL QUARTER  
 OF FOREST DEPT AT BRAHMAMPUR**





TERRACE PLAN

*[Signature]*  
 Assistant Executive Engineer  
 (R & B) Sub-Division  
 CHATRAPUR

*[Signature]*  
 Asst. Conservator of Forests  
 I/c. Berhampur Range

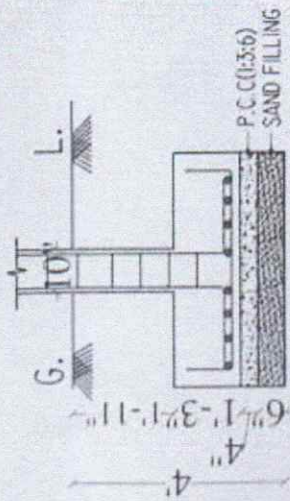
*[Signature]*  
 Mr. Murkane  
 P. Hazratia Sultana (B. Arch)  
 Regd. No-CA/2014/65429

PROPOSED TERRACE PLAN MINISTERIAL QUARTER OF  
 FOREST DEPT AT BRAHMAMPUR

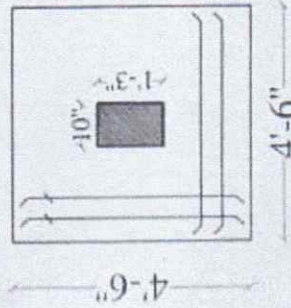
NAME OF THE CONSULTANT  
**SOVA**  
**CONSULTANTS**  
 Approved by Dept. of Odisha, Govt. (ISO 9001:2015 Certified)  
 Not Forged, Laboratory & Engineering Consultant  
 BLDG. OFF. Floor 2, Bhubaneswar, Odisha, Bhubaneswar, 751006  
 Phone: 947711010, 947730659  
 Email: sovaconsultants@gmail.com



FOUNDATION DETAILS

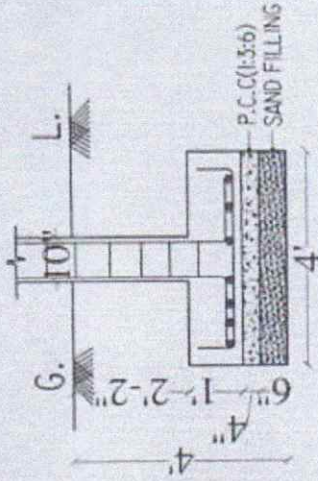


COLUMN FOOTING-C1

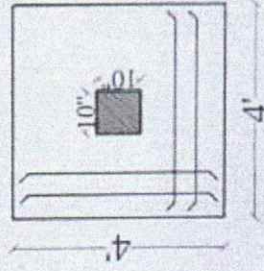


PLAN OF COLUMN FOOTING=C1

FOUNDATION DETAILS



COLUMN FOOTING-C2



PLAN OF COLUMN FOOTING=C2

*[Signature]*  
 Assistant Executive Engineer  
 (R & B) Sub-Division  
 CHATRAPUR

*[Signature]*  
 Asst. Conservator of Forests  
 Mt. Brahmapur Range

COLUMN FOOTING DETAILS

*[Signature]*  
 Ar. Nazama Sultana (B.Arch)  
 Regd. No-CA/2014/65424

NAME OF THE CONSULTANT:-  
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**COLUMN FOOTING DETAILS OF MINISTERIAL QUARTER OF  
 FOREST DEPT AT BRAHMAPUR**