



**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
TOTAL	₹	39,32,265.22

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
TOTAL	₹	43,25,491.74

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

SUB TOTAL ₹ 51,04,080.26

SAY ₹ 51,04,000.00

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

GROUND FLOOR

SL NO	ITEM	NOS	LENGTH	BREADTH	HEIGHT	QTY	UNIT	RATE	AMOUNT
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.									
	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		
						53.01	Cum	298.32	₹ 15,813.94

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.

	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		
	Below Floor								
	Staircase	1	7.00	16.33	1.75	200.04	Cft		
	Flat-1								
	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		
	Flat-2								
	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		
						63.01	Cum	1593.17	₹ 1,00,385.64

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			
		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			
	Below Floor									
		Staircase	1	7.00	16.33	0.25	28.58	Cft		
	Flat-1									
		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			
Flat-2										
	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		
		2	7.00	0.83	1.58	18.36	Cft		
	Vertical	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		
		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		
	Step	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		

			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
G	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	15674.24	₹	61,756.51
H	RoofSlab										
			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			

	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			
	Flat-2								
	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			
					389.97	Sqm	283.36	₹	1,10,501.90

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.

	Flat-1					
	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
	Flat-2					
	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				202.37	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
				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
Flat-1					
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
Flat-2					
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
Flat-1					
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
Flat-2					
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			
					18.47	Sqm	1040.24	₹	19,213.23

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			
					24.77	Sqm	988.11	₹	24,475.48

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			
					22.77	Sqm	973.08	₹	22,157.03

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	630.00	kg	90.00	₹	56,700.00

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			
					52.43	Rmt	969.85	₹	50,849.24

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, Sl 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			
				18.15	Sqm	3252.20	₹	59,027.43

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 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	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			
				44.61	Sqm	74.78	₹	3,335.94

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				44.61	Sqm	185.90	₹	8,293.00
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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			
				236.87	Sqm	81.34	₹	19,267.01

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				236.87	Sqm	99.64	₹	23,601.73
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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			
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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 inside walls, ceiling etc. with Distemper paint ,including cost of paint conveyance, royalty, taxes labour and T & P required complete.

	Vide no-24	465.80	Sqm	89.27	₹	41,581.97
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Total ₹ 20,76,133.89

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

FIRST FLOOR

SL NO	ITEM	NOS	LENGTH	BREADTH	HEIGHT	QTY	UNIT	RATE	AMOUNT
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.								
A	Column	C1	12	0.83	1.25	10.08	125.50	Cft	
		C2	6	0.83	0.83	10.08	41.66	Cft	
							167.16	Cft	
						4.73	Cum	17696.27	₹ 83,703.36
B	Lintel								
	window	W	8	6.00	0.83	0.58	23.11	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	
						Total = A	37.07	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	
						Total = B	12.37	Cft	
						Total = (A+B)	49.44	Cft	
						1.40	Cum	15858.83	₹ 22,202.36
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	
						18.12	Sqm	1404.44	₹ 25,448.45
D	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	17547.66	₹ 42,991.77

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	₹

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					-12.366	Cft		
	Lintel								
	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		
						9.850	Cum	6437.40	₹ 63,408.39

- 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						195.05	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		
						1995.55	Sft		
						185.39	Sqm	206.02	₹ 38,194.05

- 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		
	Flat-3								
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		
	Flat-4								
	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		
						391.41	Sqm	290.21	₹ 1,13,591.10

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.

	Flat-3						
	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
	Flat-4						
	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.**

Flat-3									
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				
Flat-4									
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

Flat-3									
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			
Flat-4									
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			
					16.30	Sqm	1060.14	₹	17,280.28

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			
					24.77	Sqm	1008.01	₹	24,968.41

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			
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			
					22.77	Sqm	986.30	₹	22,458.05

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, Sl 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			
				52.43	Rmt	969.85	₹	50,849.24

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, Sl 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			
				18.15	Sqm	3252.20	₹	59,027.43

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	53.76	Kg	342.57	₹	18,416.56

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			
				38.21	Sqm	76.75	₹	2,932.62

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				38.21	Sqm	190.58	₹	7,282.06
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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			
				203.51	Sqm	84.63	₹	17,223.05

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 inside walls, ceiling etc. with Distemper paint ,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

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

TERRACE FLOOR

SL NO	ITEM	NOS	LENGTH	BREADTH	HEIGHT	QTY	UNIT	RATE	AMOUNT
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.									
A	Column	C1	4	0.83	1.25	7.58	31.46	Cft	
						0.89	Cum	20116.57	₹ 17,903.75
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	
						0.23	Cum	17911.75	₹ 4,119.70
C	Chajja	W	1	5.00	2.00		10.00	Sft	
		GD1	2	4.50	1.50		13.50	Sft	
							23.50	Sft	
						2.18	Sqm	1612.59	₹ 3,515.45
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	
						0.55	Cum	20116.57	₹ 11,064.11
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	
						1.51	Cum	17286.25	₹ 26,102.24

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

10 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-9 **8.97 Sqm 195.40 ₹ 1,752.74**

11 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	132.98	Sqm						
Chajja	Vide no-1(C)	2.18	Sqm						
		135.16	Sqm	88.09	₹				11,906.24

12 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-11 **135.16 Sqm 106.96 ₹ 14,456.71**

13 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	30.88	Sqm						
Celling area	Vide no-7	12.80	Sqm						
		43.68	Sqm	85.35	₹				3,728.09

14 Providing inside walls, ceiling etc. with Distemper paint ,including cost of paint conveyance, royalty, taxes labour and T & P required complete.

Vide no-13 **43.68 Sqm 93.47 ₹ 4,082.77**

15 Providing, fitting & fixing Rigid PVC Plastic Pipe (Class-4)125mm dia rain water pipe.

6	3.75	22.50	Rft						
		6.86	Rmt	627.35	₹				4,303.62

Total ₹ 2,61,342.31

LEAD CHART BRAHMAPUR.

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	/Km	Amount										
				km	Amount	km	Amount										
1	Cement	Local	0	0.00	0	0.00	0	0.00	12.21	533.67	0	0.00	0.00		0.00	12.21	/Qtl
2	Steel	Local	5	247.87	0	0.00	0	0.00	247.87	65951.50	0	0.00	0.00		0.00	247.87	/MT
3	Binding wire	Local	5	2.48	0	0.00	0	0.00	2.48	90.10	0	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	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	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	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	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	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	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	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	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	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	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	341.11	780.00	130.00	13.00	6.50	161.00	310.50	651.61	/Cum
15	Sand for mortar	(Purushottampur)B himpur	35	276.01	30	390.60	0	0.00	666.61	66.23	35.00	3.50	1.75	734.00	774.25	1440.86	/Cum
16	Sand for Filling	(Purushottampur)B himpur	35	276.01	30	390.60	0	0.00	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	1158.65	5142.55	0	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	247.87	58374.79	0	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	247.87	71150.50	0	0.00	0.00		0.00	247.87	/1.25Cum
20	Pia sal wood	Local	5	247.87	0	0.00	0	0.00	247.87	74369.67	0	0.00	0.00		0.00	247.87	/1.25Cum
21	Non sal wood scantling	local	5	247.87	0	0.00	0	0.00	247.87	58374.79	0	0.00	0.00		0.00	247.87	/1.25Cum
22	Non sal wood planks	local	5	247.87	0	0.00	0	0.00	247.87	58374.79	0	0.00	0.00		0.00	247.87	/1.25Cum
23	120mm dia sal bullah	local	5	0.00	0	0.00	0	0.00	0.00	51.87	0	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	0.00	41.81	0	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	0.00	30.81	0	0.00	0.00		0.00	0.00	/mtr
26	White cement	Local	5	24.79	0	0.00	0	0.00	24.79	2017.18	0	0.00	0.00		0.00	24.79	/Qtl
27	Tile	Local	5	9.60	0	0.00	0	0.00	9.60		0	0.00	0.00		0.00	9.60	/sqm
28	Ceramic Tile	Local	5	9.60	0	0.00	0	0.00	9.60	450.08	0	0.00	0.00		0.00	9.60	/sqm
29	Glazed Tile	Local	5	9.60	0	0.00	0	0.00	9.60	405.20	0	0.00	0.00		0.00	9.60	/sqm
30	Kota Tile (Above 0.10sqm)	Local	5	9.60	0	0.00	0	0.00	9.60	500.20	0	0.00	0.00		0.00	9.60	/sqm

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

RATE OF CEMENT OCTOBER 2024

Sl. No.	Manufacturer Name	Ref.	Unit	Rate/Qntl.		Gst-28%	Basic cost
1	Dalmia	Oct-24	Qntl.	700.00		153.13	546.88
2	Ramco	Oct-24	Qntl.	710.00		155.31	554.69
3	Ultratech	Oct-24	Qntl.	670.00		146.56	523.44
							1625.00
					Average Rate		541.67
					Less cost of bag		-8.00
					Total		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

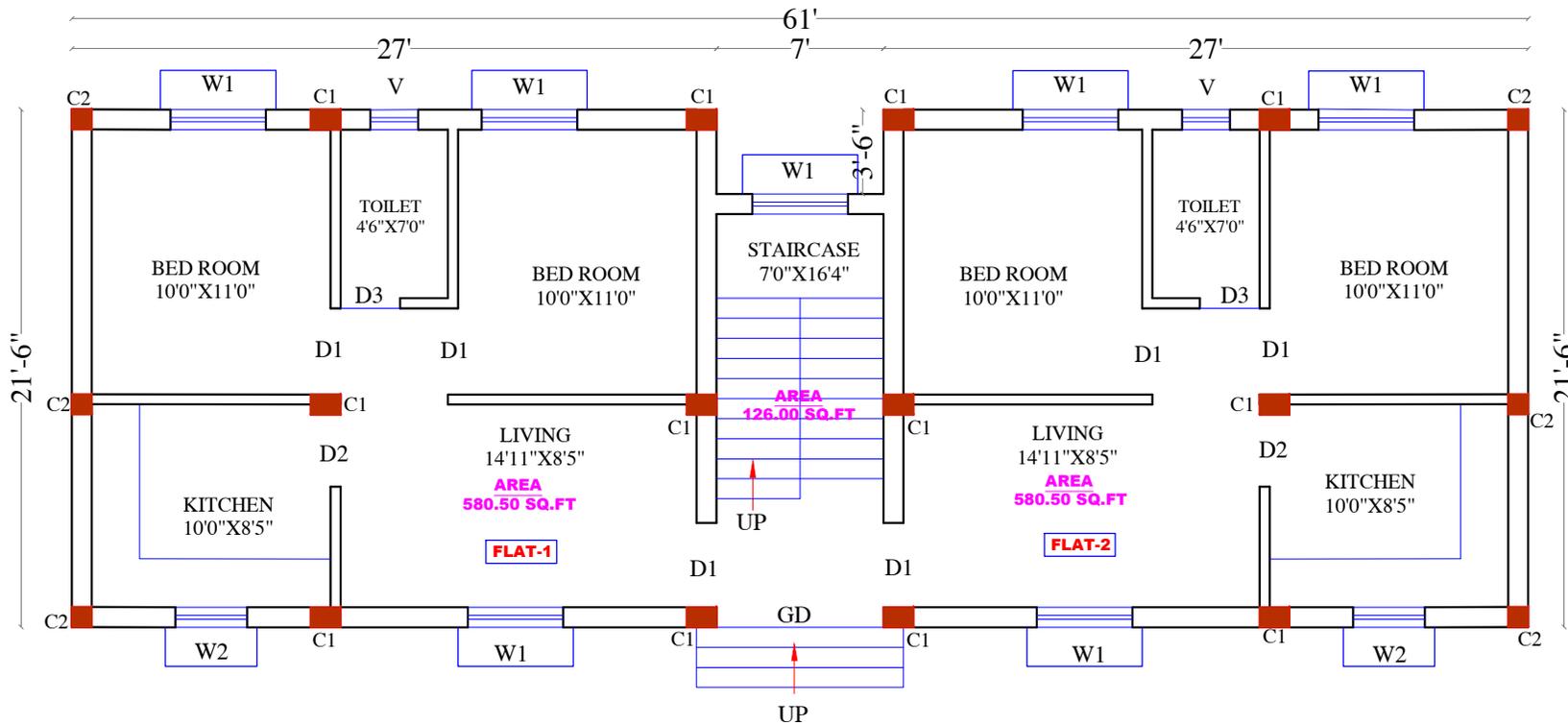
Average

7782.28

Rate excluding 18% GST

6595.15 Quintal

65951.50 Metric Ton



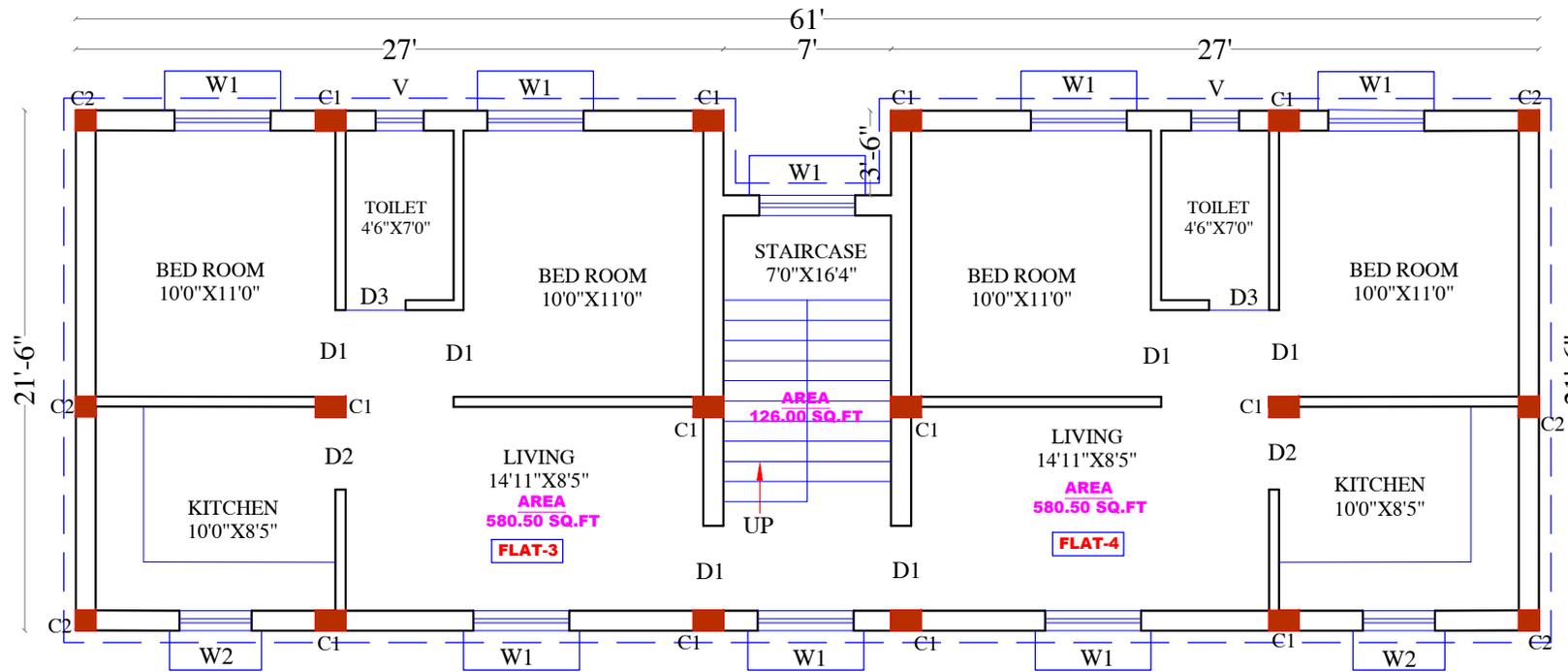
GROUND FLOOR PLAN

AREA STATEMENT	
GROUND FLOOR AREA	
2 UNITS =	580.50X2=1161.00 SQ.FT
STAIRCASE	=126.00 SQ.FT
TOTAL AREA	=1287.00 SQ.FT

SCHEDULE OF OPENING				
- DOOR -				
SL. NO.	TYPE	SIZE	SILL HT.	LINTEL HT.
1	D1	3'6"X7'0"	-	7'0"
2	D2	3'0"X7'0"	-	7'0"
3	D3	2'6"X7'0"	-	7'0"
4	GD	7'0"X7'0"	-	7'0"
5	GD1	3'6"X7'0"	-	7'0"
- WINDOW -				
6	W1	4'0"X4'6"	2'6"	7'0"
7	W2	3'0"X4'6"	2'6"	7'0"
8	V	2'0"X2'0"	5'0"	7'0"

PROPOSED GROUND FLOOR PLAN OF MINISTERIAL QUARTER OF FOREST DEPT AT BRAHMAPUR

NAME OF THE CONSULTANT:-
SOVA
CONSULTANTS
 (Approved by Govt. of Odisha),(An ISO 9001:2015 Certified.)
 Soil Testing Laboratory & Engineering Consultant.
 REGD. OFF.-Pl.no-37, Jagmohan Nagar, Bhubaneswar-751030,Odisha.
 Phone-9437171010, 9437280639
 E-mail-consultsova@gmail.com



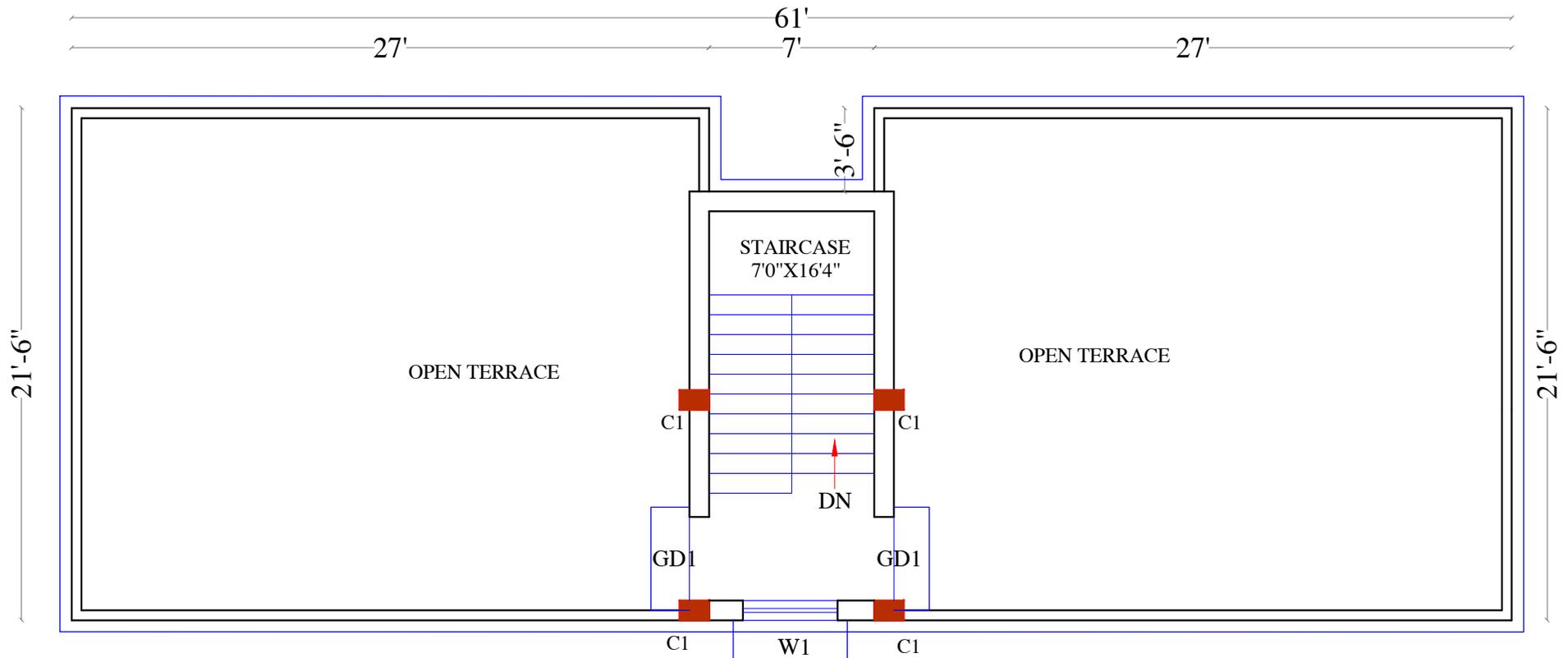
FIRST FLOOR PLAN

AREA STATEMENT	
GROUND FLOOR AREA	
2 UNITS	=580.50X2=1161.00 SQ.FT
STAIRCASE	=126.00 SQ.FT
TOTAL AREA	=1287.00 SQ.FT

SCHEDULE OF OPENING				
- DOOR -				
SL. NO.	TYPE	SIZE	SILL HT.	LINTEL HT.
1	D1	3'6"X7'0"	-	7'0"
2	D2	3'0"X7'0"	-	7'0"
3	D3	2'6"X7'0"	-	7'0"
4	GD	7'0"X7'0"	-	7'0"
5	GD1	3'6"X7'0"	-	7'0"
- WINDOW -				
6	W1	4'0"X4'6"	2'6"	7'0"
7	W2	3'0"X4'6"	2'6"	7'0"
8	V	2'0"X2'0"	5'0"	7'0"

PROPOSED FIRST FLOOR PLAN OF MINISTERIAL QUARTER OF FOREST DEPT AT BRAHMAPUR

NAME OF THE CONSULTANT:-
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 E-mail-consultsova@gmail.com



TERRACE PLAN

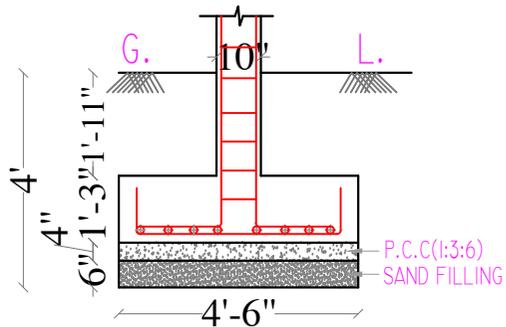
**PROPOSED TERRACE PLAN MINISTERIAL QUARTER OF
FOREST DEPT AT BRAHMAPUR**

NAME OF THE CONSULTANT-

SOVA
CONSULTANTS

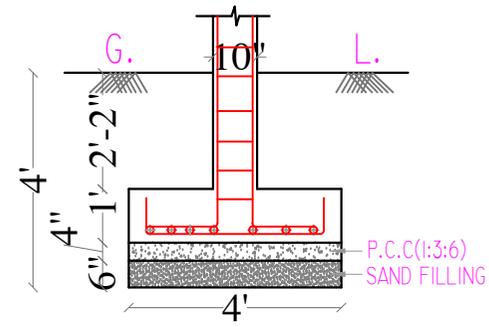
(Approved by Govt. of Odisha.) (An ISO 9001:2015 Certified.)
Soil Testing Laboratory & Engineering Consultant.
REGD. OFF.-Pl.no.-37, Jagmohan Nagar, Bhubaneswar-751030, Odisha.
Phone-9437171010, 9437280639
E-mail-consultsova@gmail.com

FOUNDATION DETAILS

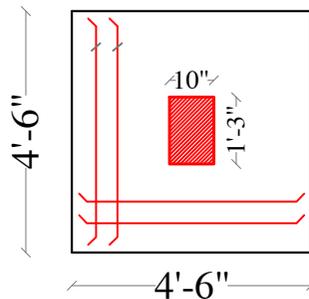


COLUMN FOOTING-C1

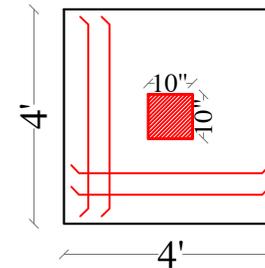
FOUNDATION DETAILS



COLUMN FOOTING-C2



PLAN OF COLUMN FOOTING=C1



PLAN OF COLUMN FOOTING=C2

COLUMN FOOTING DETAILS

**COLUMN FOOTING DETAILS OF MINISTERIAL QUARTER OF
FOREST DEPT AT BRAHMAPUR**

NAME OF THE CONSULTANT-

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