



GOVT. OF ODISHA
FOREST, ENVIRONMENT & CLIMATE
CHANGE DEPARTMENT

DIVISIONAL FOREST OFFICER,
BERHAMPUR DIVISION

NAME OF THE WORK : ESTIMATE FOR CONSTRUCTION OF
FOREST GUARD QUARTER, BOMAKEI

NAME OF THE SCHEME : CAMPA APO 2024-25

ESTIMATED COST : RS. 15,03,990/-

NAME OF THE RANGE : DIGAPAHANDI

NAME OF THE DISTRICT : GANJAM

**DETAILED ESTIMATE FOR THE WORK: CONSTRUCTION OF FOREST GUARD QUATER,
BOMKEI UNDER DIGAPAHANDI RANGE FOR THE YEAR 2024-25**

SL NO	DESCRIPTION OF ITEMS	NO	LENGT H	UN IT	WIDTH	U N IT	DEPTH	U NI T	QUANTITY	UNIT	RATE	AMOUNT
1	Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m. Initial lift including rough dressing and breaking clods to maximum 5cm.to 7cm. and laying in layers not exceeding 0.3 m. in depth.											
	Pillar base	11	x 4.00 ft	x	4.00 ft	x	4.50 ft	=	792.00	Cft		
	Long wall	2	x 29.67 ft	x	1.50 ft	x	1.67 ft	=	148.65	Cft		
	Short wall	2	x 24.75 ft	x	1.50 ft	x	1.67 ft	=	124.00	Cft		
	Deduction for pillar	-9	x 4.00 ft	x	4.00 ft	x	1.67 ft	=	-240.48	Cft		
	Step	1	x 10.00 ft	x	2.50 ft	x	1.00 ft	=	25.00	Cft		
	Step	1	x 4.00 ft	x	2.50 ft	x	1.00 ft	=	10.00	Cft		
	Septic tank	1	x 8.50 ft	x	6.50 ft	x	5.00 ft	=	276.25	Cft		
	Soak pit	3.1	x 1.50 ft	x	1.50 ft	x	4.00 ft	=	28.26	Cft		
									Total			1163.68 Cft
									Or say		=	32.93 Cum. 270.90 8921.00
2	Supplying all labour & T&P for filling sand in foundation and plinth including cost, conveyance & Royalty of all materials etc complete.											
	Pillar base	11	x 4.00 ft	x	4.00 ft	x	0.50 ft	=	88.00	Cft		
	Long wall	2	x 29.67 ft	x	1.50 ft	x	0.33 ft	=	29.37	Cft		
	Short wall	2	x 24.75 ft	x	1.50 ft	x	0.33 ft	=	24.50	Cft		
	Deduction for pillar	-9	x 2.00 ft	x	1.50 ft	x	0.33 ft	=	-8.91	Cft		
	Step	1	x 10.00 ft	x	2.50 ft	x	0.50 ft	=	12.50	Cft		
	Step	1	x 4.00 ft	x	2.50 ft	x	0.50 ft	=	5.00	Cft		
	Septic tank	1	x 8.50 ft	x	6.50 ft	x	0.50 ft	=	27.63	Cft		
	Inside Filling											
	Master Bed room	1	x 10.00 ft	x	10.67 ft	x	2.00 ft	=	213.40	Cft		
	Drawing room	1	x 10.00 ft	x	8.33 ft	x	2.00 ft	=	166.60	Cft		
	Verendah	1	x 10.00 ft	x	4.08 ft	x	2.00 ft	=	81.60	Cft		
	Kitchen room	1	x 7.08 ft	x	8.00 ft	x	2.00 ft	=	113.28	Cft		
	Dinning room	1	x 7.08 ft	x	9.00 ft	x	2.00 ft	=	127.44	Cft		
	Toilet	1	x 7.08 ft	x	5.17 ft	x	2.00 ft	=	73.21	Cft		
	Office room	1	x 10.00 ft	x	10.00 ft	x	2.00 ft	=	200.00	Cft		
									Total			1153.62 Cft
									Or say		=	32.65 Cum. 508.25 16594.00
3	Supplying all labour & T&P for P.C.C. (1:4:8) using 4cm HG metal including cost, conveyance & Royalty of all materials including curing etc complete.											
	Pillar base	11	x 4.00 ft	x	4.00 ft	x	0.50 ft	=	88.00	Cft		
	Long wall	2	x 29.67 ft	x	1.50 ft	x	0.33 ft	=	29.37	Cft		
	Short wall	2	x 24.75 ft	x	1.50 ft	x	0.33 ft	=	24.50	Cft		
	Deduction for pillar	-9	x 2.00 ft	x	1.50 ft	x	0.33 ft	=	-8.91	Cft		
	Step	1	x 10.00 ft	x	2.50 ft	x	0.33 ft	=	8.25	Cft		
	Step	1	x 4.00 ft	x	2.50 ft	x	0.33 ft	=	3.30	Cft		
	Septic tank	1	x 8.50 ft	x	6.50 ft	x	0.33 ft	=	18.23	Cft		
	Room in side											
	Master Bed room	1	x 10.00 ft	x	10.67 ft	x	0.33 ft	=	35.21	Cft		
	Drawing room	1	x 10.00 ft	x	8.33 ft	x	0.33 ft	=	27.49	Cft		
	Verendah	1	x 10.00 ft	x	4.08 ft	x	0.33 ft	=	13.46	Cft		
	Kitchen room	1	x 7.08 ft	x	8.00 ft	x	0.33 ft	=	18.69	Cft		

SE NO	DESCRIPTION OF ITEMS	NO	LENGT H	UN IT	WIDTH	U N IT	DEPTH	U NI T	QUANTITY	UNIT	RATE	AMOUNT
	Dinning room	1	x 7.08 ft	x	9.00 ft	x	0.33 ft	=	21.03	Cft		
	Toilet	1	x 7.08 ft	x	5.17 ft	x	0.33 ft	=	12.08	Cft		
	Office room	1	x 10.00 ft	x	10.00 ft	x	0.33 ft	=	33.00	Cft		
								Total =	323.70	Cft		
								Or say =	9.16	cum	5265.40	48231.00
4	Supplying all labour & T&P for R.R.H.G.Stone masonry with CM(1:6) including all cost, conveyance, royalty etc complete.											
	1st footing											
	Long wall	2	x 29.67 ft	x	1.25 ft	x	1.00 ft	=	74.18	Cft		
	Short wall	2	x 24.75 ft	x	1.25 ft	x	1.00 ft	=	61.88	Cft		
	2nd footing											
	Long wall	2	x 29.67 ft	x	1.25 ft	x	2.00 ft	=	148.35	Cft		
	Short wall	2	x 24.75 ft	x	1.25 ft	x	2.00 ft	=	123.75	Cft		
	Deduction for pillar	-9	x 0.75 ft	x	0.75 ft	x	3.00 ft	=	-15.19	Cft		
								Total =	392.97	Cft		
								Or say =	11.12	Cum.	4475.78	49771.00
5	Supplying all labour & T&P for footing & pedestal RCC M20 with 20mm. Size down graded hard broken granite chips (Crusher broken) for R.C.C. works including centering, shuttering, hoisting, laying, all cost, conveyance, royalty etc. complete.											
	Footing	11	x 3.50 ft	x	3.50 ft	x	0.75 ft	=	101.06	Cft		
	Sloping portion	11	x 1.50 ft	x	1.50 ft	x	0.75 ft	=	18.56	Cft		
	Column up to plinth beam	11	x 0.75 ft	x	0.75 ft	x	4.00 ft	=	24.75	Cft		
								Total =	144.37	Cft		
								Or say =	4.09	Cum	6212.45	25409.00
6	Supplying all labour & T&P for fly ash brick masonry with CM (1:6) including cost, conveyance & Royalty of all materials including curing etc complete.											
	F&P											
	Steps	1	x 10.00 ft	x	2.50 ft	x	0.50 ft	=	12.50	Cft		
	Steps	1	x 10.00 ft	x	1.67 ft	x	0.50 ft	=	8.35	Cft		
	Steps	1	x 10.00 ft	x	0.83 ft	x	0.50 ft	=	4.15	Cft		
	Steps	1	x 4.00 ft	x	2.50 ft	x	0.50 ft	=	5.00	Cft		
	Steps	1	x 4.00 ft	x	1.67 ft	x	0.50 ft	=	3.34	Cft		
	Steps	1	x 4.00 ft	x	0.83 ft	x	0.50 ft	=	1.66	Cft		
	Septic tank	2	x 8.50 ft	x	0.75 ft	x	5.00 ft	=	63.75	Cft		
	Septic tank	2	x 5.00 ft	x	0.75 ft	x	5.00 ft	=	37.50	Cft		
								Total =	136.25	Cft		
								Or say =	3.86	cum	5603.21	21628.00
7	Supplying all labour & T&P for Grade Beam RCC M20 with 20mm. Size down graded hard broken granite chips (Crusher broken) for R.C.C. works including centering, shuttering, hoisting, laying, all cost, conveyance, royalty etc. complete.											
	Long wall	2	x 29.67 ft	x	0.75 ft	x	0.75 ft	=	33.38	Cft		
	Long wall	1	x 18.83 ft	x	0.75 ft	x	0.75 ft	=	10.59	Cft		
	Long wall	1	x 10.75 ft	x	0.75	x	0.75 ft	=	6.05	Cft		
	Long wall	1	x 7.83 ft	x	0.75	x	0.75 ft	=	4.40	Cft		
	Short wall	3	x 24.75 ft	x	0.75	x	0.75 ft	=	41.77	Cft		
	Short wall	1	x 10.75 ft	x	0.75	x	0.75 ft	=	6.05	Cft		
								Total =	102.24	Cft		

SL NO	DESCRIPTION OF ITEMS	NO	LENGT H	UN IT	WIDTH	U N IT	DEPTH	U N IT	QUANTITY	UNIT	RATE	AMOUNT
									Or say =	2.89 Cum	6831.23	19742.00
8	Supplying all labour & T&P for Lintel RCC M20 with 20mm. Size down graded hard broken granite chips (Crusher broken) for R.C.C. works including centering, shuttering, hoisting, laying, all cost, conveyance, royalty etc. complete.											
	Long wall	2	x 29.67 ft	x	0.75 ft	x	0.50 ft	=	22.25	Cft		
	Long wall	1	x 18.83 ft	x	0.75 ft	x	0.50 ft	=	7.06	Cft		
	Long wall	1	x 10.75 ft	x	0.75	x	0.50 ft	=	4.03	Cft		
	Long wall	1	x 7.83 ft	x	0.75	x	0.50 ft	=	2.94	Cft		
	Short wall	3	x 24.75 ft	x	0.75	x	0.50 ft	=	27.84	Cft		
	Short wall	1	x 10.75 ft	x	0.75	x	0.50 ft	=	4.03	Cft		
	Total							=	68.15	Cft		
	Or say =								1.93 Cum	13825.39	26683.00	
9	Supplying all labour & T&P for Column & Roof Beam RCC M20 with 20mm. Size down graded hard broken granite chips (Crusher broken) for R.C.C. works including centering, shuttering, hoisting, laying, all cost, conveyance, royalty etc. complete.											
	Column	11	x 0.75 ft	x	0.75	x	10.00 ft	=	61.88	Cft		
	Roof beam											
	Long wall	2	x 29.67 ft	x	0.75 ft	x	0.50 ft	=	22.25	Cft		
	Long wall	1	x 18.83 ft	x	0.75 ft	x	0.50 ft	=	7.06	Cft		
	Long wall	1	x 10.75 ft	x	0.75 ft	x	0.50 ft	=	4.03	Cft		
	Long wall	1	x 7.83 ft	x	0.75 ft	x	0.50 ft	=	2.94	Cft		
	Short wall	3	x 24.75 ft	x	0.75 ft	x	0.50 ft	=	27.84	Cft		
	Short wall	1	x 10.75 ft	x	0.75 ft	x	0.50 ft	=	4.03	Cft		
	Total							=	130.03	Cft		
	Or say =								3.68 Cum	17894.09	65850.00	
10	Supplying all labour & T&P for Chajja & slab RCC M20 with 20mm. Size down graded hard broken granite chips (Crusher broken) for R.C.C. works including centering, shuttering, hoisting, laying, all cost, conveyance, royalty etc. complete.											
	Roof slab	1	x 20.50 ft	x	26.50	x	0.375 ft	=	203.72	Cft		
	Roof slab	1	x 11.25 ft	x	12.50 ft	x	0.375 ft	=	52.73	Cft		
	Septic tank slab	1	x 8.50 ft	x	6.50 ft	x	0.33 ft	=	18.23	Cft		
	Baffle wall	1	x 6.00 ft	x	0.50 ft	x	0.50 ft	=	1.50	Cft		
	Chajja											
	Office room & bed room	2	x 10.00 ft	x	2.00	x	0.25 ft	=	10.00	Cft		
	Kitchen plate	1	x 13.00 ft	x	2.00	x	0.25 ft	=	6.50	Cft		
	Sun shade over w	3	x 4.00 ft	x	2.00	x	0.25 ft	=	6.00	Cft		
	Sun shade over w	5	x 4.50 ft	x	2.00	x	0.25 ft	=	11.25	Cft		
	Over verandah	1	x 11.50 ft	x	2.00	x	0.25 ft	=	5.75	Cft		
	Wall almirah	8	x 4.00 ft	x	1.50	x	0.17 ft	=	8.16	Cft		
	Total							=	323.84	Cft		
	Or say =								9.16 Cum	13391.19	122663.00	
11	Supplying all labour & T&P for straitening, cutting, bending & binding of M.S.rod in position including cost, conveyance of M.S.rod and binding wire etc complete.											
		21.75	Cum @	1	Qntl/cum				21.75	qntl	8426.22	183270.00
12	Supplying all labour & T&P for fly ash brick masonry with CM (1:6) including cost, conveyance & Royalty of all materials including curing etc complete.											
	Long wall	2	x 29.67 ft	x	0.75 ft	x	9.00 ft	=	400.55	Cft		

SL NO	DESCRIPTION OF ITEMS	NO	LENGT H	UN IT	WIDTH	U N IT	DEPTH	U N IT	QUANTITY	UNIT	RATE	AMOUNT
	Long wall	1 x	18.83 ft	x	0.75 ft	x	9.00 ft	=	127.10	Cft		
	Long wall	1 x	10.75 ft	x	0.75 ft	x	9.00 ft	=	72.56	Cft		
	Long wall	1 x	7.83 ft	x	0.75 ft	x	9.00 ft	=	52.85	Cft		
	Short wall	3 x	24.75 ft	x	0.75 ft	x	9.00 ft	=	501.19	Cft		
	Short wall	1 x	10.75 ft	x	0.75 ft	x	9.00 ft	=	72.56	Cft		
	Wall almirah	2 x	1.50 ft	x	0.42 ft	x	7.00 ft	=	8.82	Cft		
	Deduction											
	Door D	-3 x	3.50 ft	x	0.75 ft	x	7.00 ft	=	-55.13	Cft		
	Door D1	-2 x	3.00 ft	x	1.75 ft	x	7.00 ft	=	-73.50	Cft		
	Door D2	-1 x	2.50 ft	x	0.75 ft	x	7.00 ft	=	-13.13	Cft		
	Window W	-4 x	4.00 ft	x	0.75 ft	x	4.00 ft	=	-48.00	Cft		
	Window W1	-4 x	3.00 ft	x	0.75 ft	x	4.00 ft	=	-36.00	Cft		
	Pillar	-11 x	0.75 ft	x	0.75 ft	x	9.00 ft	=	-55.69	Cft		
	Front verandah wall	-1 x	10.00 ft	x	0.75 ft	x	7.00 ft	=	-52.50	Cft		
	Total							=	901.68	Cft		
	Or say							=	25.52	cum	5603.21	142994.00

13 Supplying all labour & T&P for fly ash brick masonry with CM (1:6) including cost, conveyance & Royalty of all materials including curing etc complete.

Parapet wall over roof

long wall 2 x 24.75 ft x 0.75 ft x 2.00 ft = 74.25 cft

short wall 2 x 19.00 ft x 0.75 ft x 2.00 ft = 57.00 cft

short wall 2 x 9.25 ft x 0.75 ft x 2.00 ft = 27.75 cft

159.00 cft

Or say = **4.50** cum 5636.21 **25362.96**

14 2.5 cm. thick grading concrete (1:2:2) on roof slab with 6mm. size hard granite chips (CB) on new work.

Slab area 1 x 31.42 ft x 26.58 ft = 835.14 Sqft

Slab area 1 x 12.50 ft x 12.00 ft = 150.00 Sqft

Total = **985.14** Sqft

Or say = 91.52 Sqm 376.49 **34456.00**

15 Supplying all labour & T&P for 16mm thick C.P (1:6) over brick work including cost, conveyance & Royalty of all materials including curing etc complete.

Inside wall

Master Bed room 2 x 10.00 ft x 10.00 ft = 200.00 Sqft

Master Bed room 2 x 10.67 ft x 10.00 ft = 213.40 Sqft

Drawing room 2 x 10.00 ft x 10.00 ft = 200.00 Sqft

Master Bed room 2 x 8.33 ft x 10.00 ft = 166.60 Sqft

Verendah 2 x 10.00 ft x 10.00 ft = 200.00 Sqft

Verendah 2 x 4.08 ft x 10.00 ft = 81.60 Sqft

Kitchen room 2 x 7.08 ft x 10.00 ft = 141.60 Sqft

Kitchen room 2 x 8.00 ft x 10.00 ft = 160.00 Sqft

Dinning room 2 x 7.08 ft x 10.00 ft = 141.60 Sqft

Dinning room 2 x 9.00 ft x 10.00 ft = 180.00 Sqft

Toilet 2 x 7.08 ft x 10.00 ft = 141.60 Sqft

Toilet 2 x 5.17 ft x 10.00 ft = 103.40 Sqft

Office room 2 x 10.00 ft x 10.00 ft = 200.00 Sqft

Office room 2 x 10.00 ft x 10.00 ft = 200.00 Sqft

Deduction

Door D -3 x 3.50 ft x 7.00 ft = -73.50 Sqft

Door D1 -2 x 3.00 ft x 7.00 ft = -42.00 Sqft

SL NO	DESCRIPTION OF ITEMS	NO	LENGT H	UN IT	WIDTH	U N IT	DEPTH	U N IT	QUANTITY	UNIT	RATE	AMOUNT
	Door D2			-1	x	2.50 ft	x	7.00 ft	=	-17.50	Sqft	
	Window W			-4	x	4.00 ft	x	4.00 ft	=	-64.00	Sqft	
	Window W1			-4	x	3.00 ft	x	4.00 ft	=	-48.00	Sqft	
	Front verandah wall			-2	x	10.00 ft	x	7.00 ft	=	-140.00	Sqft	
										1944.80	Sqft	
										180.67	Sqm	266.57
												48161.00
16	Supplying all labour & T&P for 12mm thick C.P (1:6) over brick work including cost, conveyance & Royalty of all materials including curing etc complete.											
	Out side plaster											
	Outside Wall			2	x	25.58 ft	x	11.42 ft	=	584.25	Sqft	
	Outside Wall			2	x	30.42 ft	x	11.42 ft	=	694.79	Sqft	
	Parapet wall over roof			4	x	24.75 ft	x	2.00 ft	=	198.00	Sqft	
				4	x	19.00 ft	x	2.00 ft	=	152.00	Sqft	
				4	x	9.25 ft	x	2.00 ft	=	74.00	Sqft	
										1703.04	Sqft	
										158.21	Sqm	184.39
												29172.45
17	2.5 cm thick Artifical Stone Flooring with cement concrete (1:2:4) including punning using 12mm size crusher broken granite chips											
	Septic tank			1	x	7.00 ft	x	5.00 ft	=	35.00	Sqft	
										3.25	Sqm	396.04
												1287.00
18	Providing and fixing verified tiles of size 600mmX600mm in floors, treads or steps and landing on 20 mm thick bed of cement mortar (1:4) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles.											
	Master Bed room			1	x	10.00 ft	x	10.67 ft	=	106.70	Sqft	
	Drawing room			1	x	10.00 ft	x	8.33 ft	=	83.30	Sqft	
	Verendah			1	x	10.00 ft	x	4.08 ft	=	40.80	Sqft	
	Kitchen room			1	x	7.08 ft	x	8.00 ft	=	56.64	Sqft	
	Dinning room			1	x	7.08 ft	x	9.00 ft	=	63.72	Sqft	
	Toilet			1	x	7.08 ft	x	5.17 ft	=	36.60	Sqft	
	Office room			1	x	10.00 ft	x	10.00 ft	=	100.00	Sqft	
	Step			1	x	10.00 ft	x	2.50 ft	=	25.00	Sqft	
	Step			1	x	4.00 ft	x	2.50 ft	=	10.00	Sqft	
										522.76	Sqft	
										48.56	Sqm	1021.32
												49595.00
19	Providing and fixing verified tiles of size 600mmX600mm in dados, skirtings and risers of steps on 12 mm thick cement plaster (1:3) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles.											
	Master Bed room			2	x	10.00 ft	x	0.50 ft	=	10.00	Sqft	
	Master Bed room			2	x	10.67 ft	x	0.50 ft	=	10.67	Sqft	
	Drawing room			2	x	10.00 ft	x	0.50 ft	=	10.00	Sqft	
	Drawing room			2	x	8.33 ft	x	0.50 ft	=	8.33	Sqft	
	Verendah			1	x	10.00 ft	x	0.50 ft	=	5.00	Sqft	
	Verendah			2	x	4.08 ft	x	0.50 ft	=	4.08	Sqft	
	Kitchen room			2	x	7.08 ft	x	0.50 ft	=	7.08	Sqft	
	Kitchen room			2	x	8.00 ft	x	0.50 ft	=	8.00	Sqft	
	Dinning room			2	x	7.08 ft	x	0.50 ft	=	7.08	Sqft	
	Dinning room			2	x	9.00 ft	x	0.50 ft	=	9.00	Sqft	

SL NO	DESCRIPTION OF ITEMS	NO	LENGT H	UN IT	WIDTH	U N IT	DEPTH	U NI T	QUANTITY	UNIT	RATE	AMOUNT
	Office room			2	x	10.00 ft	x	0.50 ft	=	10.00	Sqft	
	Office room			2	x	10.00 ft	x	0.50 ft	=	10.00	Sqft	
	Step			3	x	10.00 ft	x	0.50 ft	=	15.00	Sqft	
	Step			3	x	4.00 ft	x	0.50 ft	=	6.00	Sqft	
	Deduction											
	Door D			-3	x	3.50 ft	x	0.50 ft	=	-5.25	Sqft	
	Door D1			-2	x	3.00 ft	x	0.50 ft	=	-3.00	Sqft	
	Door D2			-1	x	2.50 ft	x	0.50 ft	=	-1.25	Sqft	
										110.74	Sqft	
										10.29	Sqm	1157.48
												11910.00
20	Providing and fixing Ceramic tiles of size 200mmX200mm) in dados, skirtings and risers of steps on 12 mm thick cement plaster (1:3) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles.											
	Toilet			2	x	7.08 ft	x	7.00 ft	=	99.12	Sqft	
	Toilet			2	x	5.17 ft	x	7.00 ft	=	72.38	Sqft	
	Deduction											
	Door D2			-1	x	2.50 ft	x	7.00 ft	=	-17.50	Sqft	
										174.67	Sqft	
										16.23	Sqm	909.65
												14764.00
21	Supplying all labour & T&P for Distemping two coats to walls with distemper of approved shade on new work to give an even shade including cost of distemper including all cost, conveyance etc complete.											
	Master Bed room			2	x	10.00 ft	x	9.50 ft	=	190.00	Sqft	
	Master Bed room			2	x	10.67 ft	x	9.50 ft	=	202.73	Sqft	
	Drawing room			2	x	10.00 ft	x	9.50 ft	=	190.00	Sqft	
	Master Bed room			2	x	8.33 ft	x	9.50 ft	=	158.27	Sqft	
	Verendah			2	x	10.00 ft	x	9.50 ft	=	190.00	Sqft	
	Verendah			2	x	4.08 ft	x	9.50 ft	=	77.52	Sqft	
	Kitchen room			2	x	7.08 ft	x	9.50 ft	=	134.52	Sqft	
	Kitchen room			2	x	8.00 ft	x	9.50 ft	=	152.00	Sqft	
	Dinning room			2	x	7.08 ft	x	9.50 ft	=	134.52	Sqft	
	Dinning room			2	x	9.00 ft	x	3.00 ft	=	54.00	Sqft	
	Toilet			2	x	7.08 ft	x	3.00 ft	=	42.48	Sqft	
	Toilet			2	x	5.17 ft	x	9.50 ft	=	98.23	Sqft	
	Office room			2	x	10.00 ft	x	9.50 ft	=	190.00	Sqft	
	Office room			2	x	10.00 ft	x	9.50 ft	=	190.00	Sqft	
	Ceiling											
	Master Bed room			1	x	10.00 ft	x	10.67 ft	=	106.70	Sqft	
	Drawing room			1	x	10.00 ft	x	8.33 ft	=	83.30	Sqft	
	Verendah			1	x	10.00 ft	x	4.08 ft	=	40.80	Sqft	
	Kitchen room			1	x	7.08 ft	x	8.00 ft	=	56.64	Sqft	
	Dinning room			1	x	7.08 ft	x	9.00 ft	=	63.72	Sqft	
	Toilet			1	x	7.08 ft	x	5.17 ft	=	36.60	Sqft	
	Office room			1	x	10.00 ft	x	10.00 ft	=	100.00	Sqft	
	Deduction											
	Door D			-3	x	3.50 ft	x	6.50 ft	=	-68.25	Sqft	
	Door D1			-2	x	3.00 ft	x	6.50 ft	=	-39.00	Sqft	
	Door D2			##	x	2.50 ft	x	6.50 ft	=	-16.25	Sqft	
	Window W			-4	x	4.00 ft	x	4.00 ft	=	-64.00	Sqft	

SL NO	DESCRIPTION OF ITEMS	NO	LENGT H	UN IT	WIDTH	U N IT	DEPTH	U NI T	QUANTITY	UNIT	RATE	AMOUNT
	Window W			4	x	4.00 ft	x	4.00 ft	=	64.00	Sqft	
	Window W1			4	x	3.00 ft	x	4.00 ft	=	48.00	Sqft	
									Total =	112.00	Sqft	
									Or say =	10.40	Sqm	7160.22
29	Add cost towards fitting and fixing of Himax toilet Door (D2) on LS											4500.00
									Total=			1157004.98
30									Add CGST 9%			104130.00
31									Add SGST 9%			104130.00
												1365264.98
32	Add for writing Signboard(LS)											1000.00
33	Add for Electrification work of conceaied cpoer wiring of approved quality with modular pannel, earthing etc . Complete on LS											69000.00
34	Add for fitting and fixing Toilet, Lartin pan, Bath room fittings, wash Basin, Kitchen sink with PH work on LS											69000.00
									G Total			1504264.98
									Or say			1503990.00

Sarat Behera.
 Technical Consultant
Technical Consultant
 B.E. in Civil Engg.
 District Project Co-ordinator
 Samagra Sikhya Ganjam,
 Sanakhemundi Block

Behera
 Forester
 Nuapada Section
Forester
Nuapada Section

Sharma
 Range Officer
 Digapahandi Range
Forest Range officer
Digapahandi Range

Counter signed
Prasad
 Asst.Conservator of Forests
 Berhampur Division

SCHEDULE OF QUANTITY & ABSTRACT OF COST

**Name of the work :- Construction of Forest Guard quarter , Bomkei under
Digapahandi Range under CAMPA APO 2024-25**

Estimated Cost Rs : - 1503990.00

E.M.D Rs :-

Sl. No.	Item of work.	Qty	Unit	Rate	Amount
1	Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m. Initial lift including rough dressing and breaking clods to maximum 5cm.to 7cm. and laying in layers not exceeding 0.3 m. in depth.	32.93	Cum	270.90	Rs 8921.00
2	Supplying all labour & T&P for filling sand in foundation and plinth including cost, conveyance & Royalty of all materials etc complete.	32.65	Cum	508.25	Rs 16594.00
3	Supplying all labour & T&P for P.C.C. (1:4:8) using 4cm HG metal including cost, conveyance & Royalty of all materials including curing etc complete.	9.16	Cum	5265.40	Rs 48231.00
4	Supplying all labour & T&P for R.R.H.G.Stone masonry with CM(1:6) including all cost, conveyance, royalty etc complete.	11.12	Cum	4475.78	Rs 49771.00
5	Supplying all labour & T&P for footing & pedestal RCC M20 with 20mm. Size down graded hard broken granite chips (Crusher broken) for R.C.C. works including centering, shuttering, hoisting, laying, all cost, conveyance, royalty etc. complete.	4.09	Cum	6212.45	Rs 25409.00
6	Supplying all labour & T&P for fly ash brick masonry with CM (1:6) including cost, conveyance & Royalty of all materials including curing etc complete.	3.86	Cum	5603.21	Rs 21628.00
7	Supplying all labour & T&P for Grade Beam RCC M20 with 20mm. Size down graded hard broken granite chips (Crusher broken) for R.C.C. works including centering, shuttering, hoisting, laying, all cost, conveyance, royalty etc. complete.	2.89	Cum	6831.23	Rs 19742.00
8	Supplying all labour & T&P for Lintel RCC M20 with 20mm. Size down graded hard broken granite chips (Crusher broken) for R.C.C. works including centering, shuttering, hoisting, laying, all cost, conveyance, royalty etc. complete.	1.93	Cum	13825.39	Rs 26683.00
9	Supplying all labour & T&P for Column & Roof Beam RCC M20 with 20mm. Size down graded hard broken granite chips (Crusher broken) for R.C.C. works including centering, shuttering, hoisting, laying, all cost, conveyance, royalty etc. complete.	3.68	Cum	17894.09	Rs 65850.00
10	Supplying all labour & T&P for Chajja & slab RCC M20 with 20mm. Size down graded hard broken granite chips (Crusher broken) for R.C.C. works including centering, shuttering, hoisting, laying, all cost, conveyance, royalty etc. complete.	9.16	Cum	13391.19	Rs 122663.00
11	Supplying all labour & T&P for straitening, cutting, bending & binding of M.S.rod in position including cost, conveyance of M.S.rod and binding wire etc complete.	21.75	qntl	8426.22	Rs 183270.00
12	Supplying all labour & T&P for fly ash brick masonry with CM (1:6) including cost, conveyance & Royalty of all materials including curing	25.52	Cum	5603.21	Rs 142994.00

13	Supplying all labour & T&P for fly ash brick masonry with CM (1:6) including cost, conveyance & Royalty of all materials including curing etc complete	4.50	Cum	5636.21	Rs	25363.00
14	2.5 cm. thick grading concrete (1:2:2) on roof slab with 6mm. size hard granite chips (CB) on new work.	91.52	sqm	376.49	Rs	34456.00
15	Supplying all labour & T&P for 16mm thick C.P (1:6) over brick work including cost, conveyance & Royalty of all materials including curing etc complete.	180.67	sqm	266.57	Rs	48161.00
16	Supplying all labour & T&P for 12mm thick C.P (1:6) over brick work including cost, conveyance & Royalty of all materials including curing etc complete.	158.21	sqm	184.39	Rs	29172.00
17	2.5 cm thick Artificial Stone Flooring with cement concrete (1:2:4) including punning using 12mm size crusher broken granite chips	3.25	Cum	396.04	Rs	1287.00
18	Providing and fixing verified tiles of size 600mmX600mm in floors, treads or steps and landing on 20 mm thick bed of cement mortar (1:4) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles.	48.56	Cum	1021.32	Rs	49595.00
19	Providing and fixing verified tiles of size 600mmX600mm in dados, skirtings and risers of steps on 12 mm thick cement plaster (1:3) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles.	10.29	Cum	1157.48	Rs	11910.00
20	Providing and fixing Ceramic tiles of size 200mmX200mm) in dados, skirtings and risers of steps on 12 mm thick cement plaster (1:3) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles.	16.23	Cum	909.6486	Rs	14764.00
21	Supplying all labour & T&P for Distempering two coats to walls with distemper of approved shade on new work to give an even shade including cost of distemper including all cost, conveyance etc complete.	197.55	sqm	86.61	Rs	17110.00
22	Wall painting 2 coats with weather coat of approved shade on new work to give an even shade including cost of weather coat etc complete.	158.21	sqm	95.95	Rs	15180.00
23	Supplying all labour & T&P for fitting & Fixing Ms shutter/grill in position including cost, conveyance, labour complete.	246.00	kg	84.74	Rs	20846.00
24	Supplying all labour & T&P for priming one coat of primar including all cost, conveyance etc complete.	7.62	Sqm	73.60	Rs	561.00
25	Supplying all labour & T&P for painting 2 coats over a coat of primar including all cost, conveyance etc complete.	7.62	Sqm	182.00	Rs	1387.00
26	Dressed seasoned salwood work framed and fixed (w&p) in trusses purlins frames of doors windows and ventilators	0.30	Cum	53035.75	Rs	15911.00
27	32 mm. piasal wood /local teak wood panelled shutters moulded panels complete with all labour, iron fittings and wooden hinged cleats etc., fitted and fixed complete in all respect but excluding cost of iron fittings..	9.03	Sqm	6704.85	Rs	60545.00
28	Suplying fitting, fixing up window (Sliding type) made up aluminium section 151 - 154, 151-155, as windows frame section No. 151-155, 151-153 & 151-167 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting ,cost of all materials, , labour, T&P etc. complete.	10.40	Cum	7160.22	Rs	74501.00

29	Add cost towards fitting and fixing of Himax toilet Door (D2) on LS				Rs	4500.00
				Total	Rs	1157005.00
30	Provision for C G.S.T	9%			Rs	104130.00
31	Provision for S.G.S.T	9%			Rs	104130.00
				Total	Rs	1365265.00
32	Add for signboard (LS)				Rs	1000.00
33	Add for Electrification work of conceaied				Rs	69000.00
34	Add for fitting and fixing Toilet, Lartin				Rs	69000.00
				Total	Rs	1504265.00
				Or say to	Rs	1503990.00

GENERAL ABSTRACT

1	Civil Work				Rs	1157005.00
2	PH Work and Sanitary				Rs	69000.00
3	Electric Work				Rs	69000.00
4	Writing Signboard				Rs	1000.00
	Sub Total				Rs	1296005.00
	G.S.T 18%				Rs	208260.00
					Rs	1504265.00
	Proper Building Cost including GST or Say				Rs	1503990.00

Sanat Behera

**Technical Consultant
B.E. in Civil Engg.
District Project Co-ordinator
Samagra Sikhya Ganjam,
Sanakhemundi Block**

Leena

**Forester
Nuapada Section**

Dahur

**Forest Range officer
Digapahandi Range**

Countersigned

Prasad

**Asst. Conservator of Forest,
Berhampur Division**

LABOUR RATES

Sl.no.	Category of Labour	Rate per day
1	Highly Skilled Rs.	602.00
2	Skilled Rs.	552.00
3	Semi-Skilled Rs.	502.00
4	Un-Skilled Rs.	452.00

MATERIAL RATES

Sl no	Particulars	unit	Basic rate
1	Granite Stone hand broken metal 45mm. Size	Cum.	664.59
2	Granite Stone crusher broken metal 40mm. Size	Cum.	
	a) Hand broken	Cum.	787.36
	b) crusher broken	Cum.	995.25
3	Granite Stone crusher broken metal 26.5mm. Size (Passing through 45 mm sieve & retaining on 22.4mm sieve)	Cum.	1097.24
4	Granite Stone crusher broken metal 25mm. Size (Passing through 40 mm sieve & retaining on 20mm sieve)	Cum.	1135.74
5	Granite Stone crusher broken metal 22.4mm. Size (Passing through 26.5 mm sieve & retaining on 11.2mm sieve)	Cum.	1123.78
6	Granite Stone broken chips 20mm. Size (Minimum 65% by weight passing through 19mm sieve & retaining on 13.2mm sieve. But whole should pass 26.5mm sieve)		
	a) Hand broken	Cum.	1040.00
	b) crusher broken	Cum.	1382.29
7	Granite Stone crusher broken chips 13.2mm. Size (Passing through 22.4 mm sieve & retaining on 11.2mm sieve)	Cum.	1370.27
8	Granite Stone broken chips 12mm. Size (Minimum 65% by weight passing through 13.2mm sieve & retaining on 9.5mm sieve. But whole should pass 19mm sieve)		
	a) Hand broken	Cum.	1070.00
	b) crusher broken	Cum.	1396.62

MACHINERY RATES

PRR	524.70 / Hour
HMP(Mini)	1586.51 / Hour
Bitumen Boiler	114.54 / Hour
PRR	2358.24 / day
Bitumen Boiler	514.80 / day
concrete mixture	229.6 /hour
Generator 33KVA	700.0 /hour
water tanker	900.84 /hour
tractor-rotavator	373.55 /hour
tractor	357.55 /hour

9	Sand for Mortar	Cum.	66.23	
10	Sand for filling and subbase	Cum.	62.86	
11	Cement 33/43 grade	MT	5640.00	
12	HYS D Steel Rod	MT	62711.86	
13	Bulk Bitumen 60/70 grade	MT	16123.99	
14	Bitumen Emulsion	MT	11507.06	
15	9" C.B.Bricks	1000 Nos	4113.87	
16	9" Fly ash .Bricks	1000 Nos	4554.88	
17	9" K.B.Bricks	1000 Nos	5483.50	
18	Binding wire	kg	90.10	
19	C.B. Brick Khoa	Cum.	330.12	
20	K.B. Brick Khoa	Cum.	388.26	
23	Cement Paint	kg	47.83	
24	Plastic Emulsion paint	Ltr.	249.34	
25	Enamel Paint	Ltr.	205.34	
26	water based cement primer	Ltr.	159.03	
27	weather coat	Ltr.	194.79	
28	Distemper	kg	70.10	
29	Wood primer	Ltr.	155.08	
30	Red oxide Primer	Ltr.	142.70	
31	Ceramic Tiles			
	Ceramic Tile (Floor) 7to 8mmthick	Sqm.	450.08	
	Ceramic Tile (Wall) 6.5 to 6.7 mm thick	Sqm.	405.70	
32	Marble Tiles			
	a) Upto 0.10 Sqm	Sqm.	550.99	
	b) Above 0.10 Sqm to 0.4 sqm.	Sqm.	677.95	
	c) Above 0.4 Sqm to 1.0 Sqm	Sqm.	766.45	
33	Granite Tiles			
	a) Upto 0.10 Sqm(10 mm thick)	Sqm.	1181.85	
	b) Above 0.10 Sqm to 0.4 sqm.(10 mm thick)	Sqm.	1328.07	
	c) Above 0.4 Sqm (20 mm thick)	Sqm.	2098.83	
34	Vitrified Tile			
	a) Ivory Colur	Sqm.	651.08	
	b) Coloured / Printed	Sqm.	695.76	
35	Non-sal wood	Cum.	58374.79	
36	Non-sal Planks	Cum.	58374.79	
37	120 mm dia Sal Bullah	Rmt.	51.87	
38	80 mm dia Sal Bullah	Rmt.	51.87	
39	125 mm non-sal bullah	Rmt.	41.81	
40	75 mm non-sal bullah	Rmt.	30.81	
41	Carriage of wood	1.25Cum.	247.87	
42	Wire Nails	Kg	79.56	
43	Sal Wood upto 2.75m	Cum.	53035.75	1501.58 /cft
44	Sal Wood above 2.75m	Cum.	71150.50	2014.45 /cft
45	Piasal wood plank	Cum.	74369.67	2105.60 /cft
46	Teak wood plank	Cum.	114414.90	3239.38 /cft

47	Sal Wood Planks	Cum.	63839.00	1807.45 /cft
48	terrazo tiles	Sqm.	256.07	
49	5 mm thick black glass	Sqm.	705.01	
50	6 mm thick black glass	Sqm.	843.50	
51	Aluminium extruded section	kg	224.68	
52	putty	kg	31.67	
53	Paver Block	1Sqm	529.04	
54	square tile	1Sqm	254.75	

ANALYSIS OF RATES FOR GANJAM
(AS PER S.R -2022 & LABOUR RATE -2024)

1 Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m. Initial lift including rough dressing and breaking clods to maximum 5cm.to 7cm. and laying in layers not exceeding 0.3 m. in depth as per direction of the Engineer-in-charge.

Per 100 cum.

Man mulia	21.5 nos @	452.00 /each	Rs.	9718.00
Female mulia	21.5 nos @	452.00 /each	Rs.	9718.00
Over head charges	7.5%		Rs.	1457.70
Contractors profit	7.5%		Rs.	1457.70
			Rs.	22351.40 /100cum.
Add for Labour Cess	1%		Rs.	223.51
			Rs.	22574.91
Add for excavation in foundation works		20%	Rs.	4514.98
			Rs.	27089.90 /100cum.
			Rs.	270.90 /1 cum.

2 Filling foundation and plinth with sand and well watered & rammed etc . Complete including cost of sand .

Per 100 cum .

Materials

Cost of sand	100.00 cum . @	62.86 /cum .	Rs.	6286.00
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Labour

Female mulia	12.36 nos @	452.00 /day	Rs.	5586.72
Over head charges	7.5%		Rs.	419.00
Contractors profit	7.5%		Rs.	419.00
			Rs.	12710.73 /100cum .
		Hence rate for 1.00 cum.	Rs.	127.11 /cum .

Lead & Royalty of materials

Sand	1 cum @	376.11 /cum	Rs.	376.11
			Rs.	503.22 /cum .
Add for Labour Cess	1%		Rs.	5.03
		Grand Total	Rs.	508.25 /cum .

3 Cement Concrete (1:4:8) by using 4cm. Size B.H.G. metal including cost, conveyance etc. complete.

Per 1 cum.

Materials

H.B.G. Metal	0.96 cum. @	995.25 /cum.	Rs	955.44
Sand	0.48 cum @	66.23 /cum.	Rs	31.79
Cement	1.72 qntl @	564.00 /qntl	Rs	970.08

Labour

Mason 2nd Class	0.18 nos. @	552.00 /Each	Rs	99.36
ManMulia	1.80 nos. @	452.00 /Each	Rs	813.60
Woman Mulia	1.40 nos. @	452.00 /Each	Rs	632.80
Man mulia for mixing	0.70 nos. @	452.00 /Each	Rs	316.40

Over head charges	7.5%		Rs	286.46
Contractors profit	7.5%		Rs	286.46
		Total Basic Rate	Rs	4392.39 /cum.
<u>lead and Royalty of materials</u>				
HBG. Metal	0.96 cum. @	601.31 /cum.	Rs	577.26
Sand	0.48 cum @	376.11 /cum.	Rs	180.53
Cement	1.72 qntl @	36.68 /qntl	Rs	63.08
			Rs	5213.27 /cum.
Add for Labour Cess	1%		Rs.	52.13
		Grand Total	Rs.	5265.40 /cum .
4 R.R. stone masonry with C.M. (1:6) with all cost , conveyance, etc.				
<u>Per cum.</u>				
<u>Materials</u>				
Rough Stone Granite	1.00 cum. @	289.28 /cum.	Rs	289.28
Sand	0.34 cum. @	66.23 /cum.	Rs	22.52
Cement	0.8151 Qntl @	564.00 /Qntl.	Rs	459.72
<u>Labour</u>				
Mason special	0.35 nos. @	602.00 /each.	Rs	210.70
Mason 2nd class	1.41 nos. @	552.00 /each.	Rs	778.32
Man Mulia	1.41 nos. @	452.00 /each.	Rs	637.32
Woman Mulia	1.41 nos. @	452.00 /each.	Rs	637.32
Man Mulia for mixing	0.35 nos. @	452.00 /each.	Rs	158.20
Over head charges	7.5%		Rs	239.50
Contractors profit	7.5%		Rs	239.50
		Total Basic Rate	Rs	3672.38
<u>Lead & Royalty of materials</u>				
Rough Stone Granite	1.00 cum. @	601.31 /cum.	Rs	601.31
Sand	0.34 cum @	376.11 /cum.	Rs	127.88
Cement	0.8151 qntl @	36.68 /Qntl.	Rs	29.90
			Rs	4431.46
Add for Labour Cess	1%		Rs.	44.31
		Grand Total	Rs.	4475.78 /cum .
		Add for superstructure	Rs	41.90
				4517.68 /cum.
5 Fly ash Brick masonry in cement mortar (1:6) by using 9" size Bricks				
<u>Per 1cum.</u>				
<u>Materials</u>				
Flyash Bricks (9"size)	400 nos. @	4.555 /1 no.	Rs.	1821.95
Sand	0.28 cum. @	66.23 /cum.	Rs.	18.54
Cement	0.672 Qntl. @	564.00 /Qntl.	Rs.	379.01
<u>Labour</u>				
Mason special	0.35 nos. @	602.00 /each.	Rs.	210.70
Mason 2nd class	1.05 nos. @	552.00 /each.	Rs.	579.60
Man Mulia	1.41 nos. @	452.00 /each.	Rs.	637.32
Woman Mulia	1.41 nos. @	452.00 /each.	Rs.	637.32
Man Mulia for mixing	0.14 nos. @	452.00 /each.	Rs.	63.28
Over head charges	7.5%		Rs.	326.08
Contractors profit	7.5%		Rs.	326.08
		Total Basic Rate	Rs.	4999.88 /cum.
<u>Lead & Royalty of materials</u>				
Fly ash Bricks	400 nos. @	1.04474 /1 no.	Rs	417.90
Sand	0.28 cum. @	376.11 /cum.	Rs	105.31
Cement	0.672 Qntl. @	36.68 /Qntl.	Rs	24.65
			Rs	5547.74 /cum.

Add for Labour Cess	1%			Rs.	55.48
Rate for F&P				Rs.	5603.21 /Sqm.
			Add for superstructure	Rs	33.00
Rate for Ground Floor				Rs	5636.21 /cum.
6 RCC work of M 20 grade with 20 mm and down grade black hard granite (Crusher broken) stone chips including hoisting and laying.					
<u>Data for 15 Cum.</u>					
<u>Materials</u>					
20mm. Size chips	8.10 cum. @	1382.29 /cum.		Rs	11196.55
10mm. Size chips	5.40 cum. @	1407.77 /cum.		Rs	7601.96
Sand	6.75 cum. @	66.23 /cum.		Rs	447.05
Cement	5.21 MT. @	5640.00 /MT.		Rs	29384.40
<u>Labour</u>					
Mate	0.86 Nos. @	502.00 /each		Rs	431.72
Mason 2nd class	1.50 Nos. @	552.00 /each		Rs	828.00
Man Mulia	20.00 Nos. @	452.00 /each		Rs	9040.00
<u>Machinery</u>					
Concrete Mixture	6.00 hour @	229.55 /hour		Rs	1377.30
Generator 33 KVA	6.00 hour @	700.00 /hour		Rs	4200.00
Over head charges	7.5%			Rs	4838.02
Contractors profit	7.5%			Rs	4838.02
			Total Basic Rate	Rs	74183.03 /15 cum.
			Basic Rate for 1 Cum	Rs	4945.54 / cum.
<u>Lead & Royalty of materials</u>					
20mm. Size chips	0.54 cum. @	601.31 /cum.		Rs	324.71
10mm. Size chips	0.36 cum. @	601.31 /cum.		Rs	216.47
Sand	0.45 cum. @	376.11 /cum.		Rs	169.25
Cement	0.347 MT. @	366.77 /MT.		Rs	127.39
				Rs	5783.36 /cum.
Add for Labour Cess	1%			Rs.	57.83
Rate for Ground Floor				Rs.	5841.19 /Cum.
7 2.5 cm. thick grading concrete (1:2:2) on roof slab with 6mm. size hard granite chips (CB) on new work.					
<u>Per 1 Cum..</u>					
<u>Materials</u>					
4.7mm. Size chips	0.0169 cum. @	813.91 /cum.		Rs	13.76
Sand	0.0169 cum. @	66.23 /cum.		Rs	1.12
Cement	0.1208 Qntl. @	564.00 /Qntl.		Rs	68.13
<u>Labour</u>					
Mason Spl. Class	0.10 nos. @	602.00 /each.		Rs.	60.20
Man mulia	0.33 nos. @	452.00 /each.		Rs.	149.16
Man mulia for mixing	0.03 nos. @	452.00 /each.		Rs.	13.56
Over head charges	7.5%			Rs	22.94
Contractors profit	7.5%			Rs	22.94
			Total Basic Rate		351.81 /Sqm.
<u>Lead & Royalty of materials</u>					
4.7mm. Size chips	0.0169 cum. @	601.31 /cum.		Rs	10.16
Sand	0.0169 cum. @	376.11 /cum.		Rs	6.36
Cement	0.1208 Qntl. @	36.68 /Qntl.		Rs	4.43
				Rs	372.76 /Sqm.
Add for Labour Cess	1%			Rs.	3.73
Rate for Ground Floor				Rs.	376.49 /Sqm.
8 Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling then after casting including cost of materials complete.					

a) R.C.C. floor and roof slabs, landings, balconies, projecting, sun shades and chajjas upto 4.3 mtr. height.

Details for 9.00 Sqm.

Materials

Non sal wood	0.112 cum. @	58374.79 /cum.	Rs	6537.98
Planks 38 mm.	0.34 cum. @	58374.79 /cum.	Rs	19847.43
120 mm dia sal bullah	56 mtrs. @	51.87 /Rmt.	Rs	2904.72
Carriage of wood	1.142 cum. @	247.87 /1.25cum.	Rs	226.45
			Rs	29516.58

Considering 10 times use of materials, for once use Rs 29516.58 10 Rs 2951.66

<u>Labour</u>				
Carpentor 2nd class	2.75 nos. @	552.00	Rs	1518.00
Semi-skilled Mulia	2.75 nos. @	502.00	Rs	1380.50
Over head charges	7.5%		Rs	438.76
Contractors profit	7.5%		Rs	438.76
			Rs	6727.68

Rate for 1 Sqm. 6727.68 Rs 747.52 /Sqm.

Add for Labour Cess 1% Rs. 7.48

Rate for Ground Floor Rs. 755.00 /Sqm.

c) R.C.C. foundation and Plinth bend and footing bases of columns, mass concrete, pre-cast slabs etc.

Details for 10.00 Sqm.

Materials

25mm Nonsal Planks	0.267 cum. @	58374.79 /cum.	Rs	15586.07
80mm Nonsal bullah	12.60 mtrs. @	30.81 /Rmt.	Rs	388.21
Carriage of wood	0.3284 cum. @	247.87 /1.25cum.	Rs	65.12
			Rs	16039.40

Considering 10 times use of materials, for once use Rs 16039.40 10 Rs 1603.94

<u>Labour</u>				
Carpentor 2nd class	0.5 nos. @	552.00	Rs	276.00
Semi-skilled Mulia	0.5 nos. @	502.00	Rs	251.00
Over head charges	7.5%		Rs	159.82
Contractors profit	7.5%		Rs	159.82
			Rs	2450.58

Rate for 1 Sqm. 2450.58 0 Rs 245.06 /Sqm.

Add for Labour Cess 1% Rs. 2.45

Rate for Ground Floor Rs. 247.51 /Sqm.

d) R.C.C. Lintels

Data for 7.80 Sqm.

Materials

38mm Nonsal Planks	0.413 cum. @	58374.79 /cum.	Rs	24108.79
120mm Nonsal bullah	21 mtrs. @	41.81 /Rmt.	Rs	878.01
Carriage of wood	0.689 cum. @	247.87 /1.25cum.	Rs	136.63
			Rs	25123.42

Considering 10 times use of materials, for once use Rs 25123.42 10 Rs 2512.34

<u>Labour</u>				
Carpentor 2nd class	1.25 nos. @	552.00	Rs	690.00
Semi-skilled Mulia	1.25 nos. @	502.00	Rs	627.50
Over head charges	7.5%		Rs	287.24
Contractors profit	7.5%		Rs	287.24
			Rs	4404.32

Rate for 1 Sqm. 4404.32 7.8 Rs 564.66 /Sqm.

Add for Labour Cess 1% Rs. 5.65

Rate for Ground Floor Rs. 570.30 /Sqm.

e) R.C.C. Beams, Columns, girder and bressmer etc.

Data for 4.20 Sqm.

Materials

38mm Nonsal Planks	0.218 cum. @	58374.79 /cum.	Rs	12725.70
120mm Sal bullah	15.20 mtrs. @	51.87 /Rmt.	Rs	788.42
80 mm dia Sal bullah	8.00 mtrs. @	124.26 /Rmt.	Rs	994.08
Carriage of wood	0.456 cum. @	247.87 /1.25cum.	Rs	90.42
			Rs	14598.63

Considering 10 times use of materials, for once use Rs 14598.63 10 Rs 1459.86

Labour

Carpenter 2nd class	2.75 nos. @	552.00	Rs	1518.00
Semi-skilled Mulia	2.75 nos. @	502.00	Rs	1380.50
Over head charges	7.5%		Rs	326.88
Contractors profit	7.5%		Rs	326.88
			Rs	5012.12
	Rate for 1 Sqm.	5012.12 x 2	Rs	1193.36 /Sqm.
Add for Labour Cess	1%		Rs.	11.93
			Rs.	1205.29 /Sqm.

Rate for Ground Floor

9 R.C.C. work of M 20 using 20mm and down graded hard granite Crusher broken chips including laying, hoisting, Centring & shuttering with all cost, conveyance etc. complete.

FOR GROUND FLOOR

a) For Foundation base & footing

Cement Concrete M 20 for R.C.C. work			Rs.	5841.19 /Cum.
Centering & shuttering	1.50 Sqm. @	247.51 /Sqm.	Rs.	371.27
		Total	Rs.	6212.45 /Cum.

b) For Lintel / Bedblock / Bearing of chajja

Cement Concrete M 20 for R.C.C. work			Rs.	5841.19 /Cum.
Centering & shuttering	14.00 Sqm. @	570.30 /Sqm.	Rs.	7984.20
		Total	Rs.	13825.39 /Cum.

c) For Plinth Bend/Plinth Beam

Cement Concrete M 20 for R.C.C. work			Rs.	5841.19 /Cum.
Centering & shuttering	4.00 Sqm. @	247.51 /Sqm.	Rs.	990.04
		Total	Rs.	6831.23 /Cum.

d) For Chajja

Cement Concrete M 20 for R.C.C. work		5841.19 x 0.0625	Rs.	365.07 /Sqm.
Centering & shuttering	1.10 Sqm. @	755.00 /Sqm.	Rs.	830.50
		Total	Rs.	1195.57 /Sqm.

e) For Roof Slab / Landing / Waste slab

Cement Concrete M 20 for R.C.C. work			Rs.	5841.19 /Cum.
Centering & shuttering	10.00 Sqm. @	755.00 /Sqm.	Rs.	7550.00
		Total	Rs.	13391.19 /Cum.

f) Beams & Columns (Non-Residential)

Cement Concrete M 20 for R.C.C. work			Rs.	5841.19 /Cum.
Centering & shuttering	8.00 Sqm. @	1205.29 /Sqm.	Rs.	9642.32
		Total	Rs.	15483.51 /Cum.

g) Beams & Columns (Residential)

Cement Concrete M 20 for R.C.C. work			Rs.	5841.19 /Cum.
Centering & shuttering	10.00 Sqm. @	1205.29 /Sqm.	Rs.	12052.90
		Total	Rs.	17894.09 /Cum.

10 Supplying, fitting and placing uncoated HYSD bar reinforcement complete as per drawing and technical specification.

Unit - 1 MT (Taking output = 1 MT)

a) Material

HYSD Bars including 5% overlaps and wastage	1.05 MT. @	62711.86 / MT	Rs	65847.45
Binding Wire	8.00 Kg. @	90.10 / Kg	Rs	720.80

Labour

Mate	0.44 nos. @	502.00 /Each	Rs	220.88
Black smith (Special)	3.00 nos. @	602.00 /Each	Rs	1806.00
Man Mulia	8.00 nos. @	452.00 /Each	Rs	3616.00
Over head charges @	7.5%		Rs	5415.83
Contractors profit @	7.5%		Rs	5415.83
			Rs	83042.80 /MT.

OR Rs 8304.28 / Qntl.

Lead of Steel	1.05 Qntl. @	36.68 / Qntl.	Rs	38.51
			Rs	8342.79 / Qntl.
Add for Labour Cess	1%		Rs.	83.43
			Rs.	8426.22 / Qntl.
Rate for Ground Floor				
11 2.5 cm thick Artificial Stone Flooring with cement concrete (1:2:4) including punning using 12mm size crusher broken granite chips as per direction of Engineer-in-charge.				
<u>Materials</u>				
12mm. Size chips	0.023 cum. @	1396.62 /cum.	Rs	32.12
Sand	0.012 cum. @	66.23 /cum.	Rs	0.79
Cement	0.0858 Qntl. @	564.00 /Qntl.	Rs	48.39
<u>Labour</u>				
Mason Spl. Class	0.13 Nos. @	602.00 /each	Rs	78.26
Man mulia	0.11 Nos. @	452.00 /each	Rs	49.72
Woman mulia	0.22 Nos. @	452.00 /each	Rs	99.44
Man mulia for mixing	0.03 Nos. @	452.00 /each	Rs	13.56
Over head charges	7.50%		Rs	24.17
Contractors profit	7.50%		Rs	24.17
			Rs	370.63 /Sq.m.
<u>Lead & Royalty of materials</u>				
12mm. Size chips	0.023 cum. @	601.31 /cum.	Rs	13.83
Sand	0.012 cum. @	376.11 /cum.	Rs	4.51
Cement	0.0858 Qntl. @	36.68 /Qntl.	Rs	3.15
			Rs	392.12 /Sq.m.
Add for Labour Cess	1%		Rs.	3.92
			Rs.	396.04 / Sq.m.
Rate for Ground Floor				
Add 5% on labour, OHC, CP & Cess for 1st. Floor			Rs	13.99
			Rs	410.04 /Sq.m.
Rate for 1st. Floor				
Add 5% on labour, OHC, CP & Cess for 2nd. Floor			Rs	14.69
			Rs	424.73 /Sq.m.
Rate for 2nd. Floor				
Add 5% on labour, OHC, CP & Cess for 3rd. Floor			Rs	15.43
			Rs	440.16 /Sq.m.
Rate for 3rd. Floor				
12 Providing and fixing verified tiles of size 600mmX600mm coloured or printed series (homogeneous) in floors, treads or steps and landing on 20 mm thick bed of cement mortar (1:4) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles as directed by the Engineer-in-charge.				
<u>(Deetails for 10 Sqm.)</u>				
<u>Materials</u>				
Cement	1.074 Qntl. @	564.00 /Qntl.	Rs	605.74
Sand	0.21 cum. @	66.23 /cum.	Rs	13.91
White Cement	0.076 Qntl. @	1709.47 /Qntl.	Rs	129.92
<u>Labour</u>				
Mason Spl. Class	2.16 nos. @	602.00 /each.	Rs.	1300.32
Mulia	2.16 nos. @	452.00 /each.	Rs.	976.32
Over head charges	7.50%		Rs	226.97
Contractor's profit	7.50%		Rs	226.97
			Rs	3480.13 /10 Sqm.
<u>Lead & Royalty of materials</u>				
Sand	0.21 cum. @	376.11 /cum.	Rs	78.98
Cement	1.150 Qntl. @	36.68 /Qntl.	Rs	42.18
			Rs	3601.30 /10 Sqm.
			Rs	360.13 /Sq.m.
Rate for One Sqm.				
Cost of verified tiles of size 600mmX600mm	1.00 Sqm. @	651.08 /Sq.m.	Rs	651.08

			Rs	1011.21 /Sqm.
Add for Labour Cess	1%		Rs.	10.11
		Rate for Ground Floor	Rs.	1021.32 / Sqm.

13 Providing and fixing verified tiles of size 600mmX600mm ivory in dados, skirtings and risers of steps on 12 mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles as directed by the Engineer in-charge.

(Deetails for 10 Sqm.)

Materials

Cement	0.715 Qntl. @	564.00 /Qntl.	Rs	403.26
Sand	0.15 cum. @	66.23 /cum.	Rs	9.93
Cement for slurry	0.66 Qntl. @	564.00 /Qntl.	Rs	372.24

Labour

Mason Spl. Class	3.25 nos. @	602.00 /each.	Rs	1956.50
Mulia	3.25 nos. @	452.00 /each.	Rs	1469.00
Over head charges	7.50%		Rs	315.82
Contractors profit	7.50%			315.82

Total Basic Rate **4842.57 /10 Sqm.**

Lead & Royalty of materials

Sand	0.15 cum. @	376.11 /cum.	Rs	56.42
Cement	1.3750 Qntl. @	36.68 /Qntl.	Rs	50.43
			Rs	4949.42 /10 Sqm.

Rate for One Sqm.

Cost of verified tiles of size 600mmX600mm	1.00 Sqm. @	651.08 /Sqm.	Rs	651.08
			Rs	1146.02 /Sqm.

Add for Labour Cess	1%		Rs	11.46
		Rate for Ground Floor	Rs	1157.48 / Sqm.

14 Providing and fixing Ceramic tiles in dados, skirtings and risers of steps on 12 mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of precast tiles as directed by

(Deetails for 10 Sqm.)

Materials

Cement	0.715 Qntl. @	564.00 /Qntl.	Rs	403.26
Sand	0.15 cum. @	66.23 /cum.	Rs	9.93
Cement for slurry	0.66 Qntl. @	564.00 /Qntl.	Rs	372.24

Labour

Mason Spl. Class	3.25 nos. @	602.00 /each.	Rs.	1956.50
Mulia	3.25 nos. @	452.00 /each.	Rs.	1469.00
Over head charges	7.50%		Rs	315.82
Contractor's profit	7.50%		Rs	315.82

Total Basic Rate **4842.57 /10 Sqm.**

Lead & Royalty of materials

Sand	0.15 cum. @	376.11 /cum.	Rs	56.42
Cement	1.3750 Qntl. @	36.68 /Qntl.	Rs	50.43
			Rs	4949.42 /10 Sqm.

Rate for One Sqm.

Cost of Ceramic wall tiles	1.00 Sqm. @	405.70 /Sqm.	Rs	405.70
			Rs	900.64 /Sqm.

Add for Labour Cess	1%		Rs.	9.01
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Rate for Ground Floor **Rs. 909.65 / Sqm.**

Add 5% on labour, OHC, CP & Cess for 1st. Floor			Rs	19.89
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Rate for 1st. Floor **Rs 929.54 /Sqm.**

Add 5% on labour, OHC, CP & Cess for 2nd. Floor			Rs	20.89
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Rate for 2nd. Floor **Rs 950.43 /Sqm.**

Add 5% on labour, OHC, CP & Cess for 3rd. Floor			Rs	21.93
	Rate for 3rd. Floor		Rs	972.36 /Sqm.
15 12mm thick cement plaster (1:6) for brick work (Per 1 Sqm.)				
<u>Materials</u>				
Sand	0.015 cum.	@	66.23 /cum.	Rs 0.99
Cement	0.0358 Qntl.	@	564.00 /Qntl.	Rs 20.19
<u>Labour</u>				
Mason 2nd class	0.14 Nos.	@	552.00 /each	Rs 77.28
Man Mulia	0.05 Nos.	@	452.00 /each	Rs 22.60
Woman Mulia	0.05 Nos.	@	452.00 /each	Rs 22.60
Man Mulia for mixing	0.02 Nos.	@	452.00 /each	Rs 9.04
Over head charges	7.50%			Rs 11.45
Contractor's profit	7.50%			Rs 11.45
			Total Basic Rate	Rs 175.61 /Sqm.
<u>Lead & Royalty of materials</u>				
Sand	0.015 cum.	@	376.11 /cum.	Rs 5.64
Cement	0.0358 Qntl.	@	36.68 /Qntl.	Rs 1.31
				Rs 182.57 /Sqm.
Add for Labour Cess	1%			Rs. 1.83
			Rate for Ground Floor	Rs. 184.39 / Sqm.
16 16mm thick cement plaster (1:6) for brick or work stone masonry. Per 1 Sqm.				
<u>Materials</u>				
Sand	0.018 cum.	@	66.23 /cum.	Rs 1.19
Cement	0.0430 Qntl.	@	564.00 /Qntl.	Rs 24.25
<u>Labour</u>				
Mason 2nd class	0.16 Nos.	@	552.00 /each	Rs 88.32
Man Mulia	0.11 Nos.	@	452.00 /each	Rs 49.72
Woman Mulia	0.11 Nos.	@	452.00 /each	Rs 49.72
Man Mulia for mixing	0.02 Nos.	@	452.00 /each	Rs 9.04
Over head charges	7.50%			Rs 16.67
Contractor's profit	7.50%			Rs 16.67
			Total Basic Rate	Rs 255.58 /Sqm.
<u>Lead & Royalty of materials</u>				
Sand	0.018 cum.	@	376.11 /cum.	Rs 6.77
Cement	0.043 Qntl.	@	36.68 /Qntl.	Rs 1.58
				Rs 263.93 /Sqm.
Add for Labour Cess	1%			Rs. 2.64
			Rate for Ground Floor	Rs. 266.57 / Sqm.
Add 5% on labour, OHC, CP & Cess for 1st. Floor			Rs	11.43
			Rate for 1st. Floor	Rs 278.00 /Sqm.
Add 5% on labour, OHC, CP & Cess for 2nd. Floor			Rs	12.00
			Rate for 2nd. Floor	Rs 290.00 /Sqm.
Add 5% on labour, OHC, CP & Cess for 3rd. Floor			Rs	12.60
			Rate for 3rd. Floor	Rs 302.60 /Sqm.
20 Dressed seasoned Sal wood work framed and fixed (wrought & put up) in trusses, purlins, frames of doors, windows, ventilators and beams.				
(vide A/R-2006 page-132,item no.2)				
<u>Data for 0.028 Cum.</u>				
Materials				
Sal wood scanting sawn	0.028 Cum.	@	71150.50 /Cum.	Rs 1992.21
Labour				
Carpenter (Special)	0.50 Nos.	@	602.00 /each	Rs 301.00
Man Mulia	0.50 Nos.	@	452.00 /each	Rs 226.00
Over head charges	7.50%			Rs 188.94

Contractor's profit	7.50%		Rs	188.94
			Rs	2897.10 /0.028cum
		Rate for 1 Cum. =	2897.10 /0.028=Rs	103467.72 /Cum.
Add for Labour Cess	1%		Rs.	1034.68
		Rate for Ground Floor	Rs.	104502.40 / Cum

21 32 mm. piasal wood /local teak wood panelled shutters moulded panels complete with all labour, iron fittings and wooden hinged cleats etc., fitted and fixed complete in all respect but excluding cost of iron fittings.

Per 1 Sqm.

Data for a door 1.07 m. x 2.13 m.

Area of shutters 0.94 m. x 2.0 m. = 1.88 Sqm.

Teak wood for shutters	0.06656 Cum. @	114414.90 /Cum.	Rs	7615.46
Wooden hinged cleats	2.00 Nos. @	12.50 /each	Rs	25.00
<u>Labour for making shutters</u>				
Carpenter (Special)	2.00 Nos. @	602.00 /each	Rs	1204.00
Helper	2.00 Nos. @	502.00 /each	Rs	1004.00
<u>Labour for fixing shutters</u>				
Carpenter 2nd. Class	1.00 Nos. @	552.00 /each	Rs	552.00
Man Mulia	1.00 Nos. @	452.00 /each	Rs	452.00
Over head charges	7.50%		Rs	813.93
Contractor's profit	7.50%		Rs	813.93
			Rs	12480.32 /1.88Sqm
		Rate for 1 Sqm. =	12480.32 /1.88= Rs	6638.47 /Sqm.
Add for Labour Cess	1%		Rs.	66.38
		Rate for Ground Floor	Rs.	6704.85 / Sqm.

19 Wall painting 2 coats with weather coat of approved shade on new work to

Per 1 Sqm.

Data for 10 SQm.

Painter (Special)	0.54 Nos. @	602.00 /each	Rs	325.08
Man Mulia	0.54 Nos. @	452.00 /each	Rs	244.08
ManMulia for preparation	0.10 Nos. @	452.00 /each	Rs	45.20
Over head charges	7.5%		Rs	46.08
Contractors profit	7.5%		Rs	46.08
Add cost of Emulsion	1.25 Kg. @	194.79 /Kg.	Rs	243.49
				950.00 /10 Sqm.
		Rate for 1 Sqm.	950.00 / 10 Rs	95.00 /Sqm.
Add for Labour Cess	1%		Rs.	0.95
		Rate for Ground Floor	Rs.	95.95 / Sqm.

20 Distemping two coats to walls with distemper of approved shade on new work to give an even shade including cost of distemrer.

Per 1 Sqm.

Data for 10 SQm.

Painter (Special)	0.52 Nos. @	602.00 /each	Rs	313.04
Man Mulia	0.52 Nos. @	452.00 /each	Rs	235.04
ManMulia for preparation	0.10 Nos. @	452.00 /each	Rs	45.20
Over head charges	7.5%		Rs	44.50
Contractors profit	7.5%		Rs	44.50
Add cost of Distemper	2.50 Kg. @	70.10 /Kg.	Rs	175.25
				857.52 /10 Sqm.
		Rate for 1 Sqm.	857.52 / 10 Rs	85.75 /Sqm.
Add for Labour Cess	1%		Rs.	0.86
		Rate for Ground Floor	Rs.	86.61 / Sqm.

21 Priming one coat with any approved primer including cost of primer for Steel work.

Per 1 Sqm.

Data for 9.3 SQm.

Painter (Special)	0.50 Nos. @	602.00 /each	Rs	301.00
ManMulia for preparation	0.50 Nos. @	452.00 /each	Rs	226.00
Over head charges	7.5%		Rs	39.53
Contractors profit	7.5%		Rs	39.53
				606.05 /9.3 Sqm.
	Labour for 1 Sqm = Rs.	606.05 / 9.3	Rs	65.17 /Sqm.
Cost of Primer (Steel)	0.054 Ltr. @	142.70 /Ltr.	Rs	7.71
			Rs	72.87 /Sqm.
Add for Labour Cess	1%		Rs.	0.73
			Rs.	73.60 / Sqm.

22 Painting two coat with any approved paint including cost of paint

Per 1 Sqm.

Data for 9.3 SQm.

Painter (Special)	1.25 Nos. @	602.00 /each	Rs	752.50
Man Mulia	1.00 Nos. @	452.00 /each	Rs	452.00
Mulia for preparation of surface	0.10 Nos. @	452.00 /each	Rs	45.20
Over head charges	7.5%		Rs	93.73
Contractors profit	7.5%		Rs	93.73
				1437.16 /9.3 Sqm.
	Labour for 1 Sqm = Rs.	1437.16 / 9.3	Rs	154.53 /Sqm.
Cost of Paint	0.125 Ltr. @	205.34 /Ltr.	Rs	25.67
			Rs	180.20 /Sqm.
Add for Labour Cess	1%		Rs.	1.80
			Rs.	182.00 / Sqm.

23 Suplying fitting, fixing up window (Sliding type) made up aluminium section 151 - 154, 151-155, as windows frame section No. 151-155, 151-153 & 151-167 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting ,cost of all materials, , labour, T&P etc. complete.

Data for 4'-0" x 4'-0" = 16 Sft or 1.49 Sqm.

Materials

Al. section No. 151 - 154	2.44 mt. @	0.875 kg/mt.		2.14
Top & Bottom Section No. 151-155	2.44 mt. @	0.765 kg/mt.		1.87
Inner Lock Section No. 151-153	2.44 mt. @	0.492 kg/mt.		1.20
Al. Section No. 151 - 152	2.44 mt. @	0.465 kg/mt.		1.13
H. Section No.151 - 167	2.44 mt. @	0.587 kg/mt.		1.43
		total=		7.77
		add 10% for waistage=		0.78
		Net total=		8.55 kg
	8.55 kg	Rs. 224.68		1921.01
PVC plug	8 Nos.	Rs. 1.50		12.00
Al. Screws of different sizes	L.S.		Rs	30.00
U rubber beading	9.75 Mtr.	Rs. 7.00	Rs	68.25

5.00mm thick **black glass** = 1.493 Sqm

Wastage 10% = 0.15 Sqm

Total = 1.64 Sqm

	1.64 Sqm	Rs. 705.01	Rs	
Al. wheel runner	8 Nos.	Rs. 25.00	Rs	1156.22
Handle with lock	2 Nos.	Rs. 40.00	Rs	200.00
Hire charges of drills machine	1 day	Rs. 100.00	Rs	80.00
Carpenter 1st class	5.33 Nos	Rs. 602.00	Rs	100.00
Mulia	5.33 Nos	Rs. 452.00	Rs	3208.66
			Rs	<u>2409.16</u>
			Rs	9185.30
O.H.C @ 7.5%	7.5%	Rs	Rs	688.90
Contractor's profit @ 7.5%	7.5%	Rs	Rs	688.90
Total for 1.49 Sqm.		/MT.	Rs	<u>10563.10</u>
Total for 1 Sqm.			Rs	7089.33
Add for Cess 1 %			Rs.	<u>70.89</u>
			Rs.	7160.22 /Sqm.

Rate for Ground Floor

Rs. 7160.22 /Sqm.

Sarad Behera
Technical Consultant
Technical Consultant
B.E. in Civil Engg.
District Project Co-ordinator
Samagra Sikhya Ganjam,
Sanakhemundi Block

Seonath
Forester
Nuapada Section
Forester
Nuapada Section

Shankar
Range Officer
Digapahandi Range
Forest Range officer
Digapahandi Range

Countersigned
Binced
Asst. Conservator of Forests
Berhampur Division

LEAD STATEMENT(As per CSR-2022)FOR BOMKEI

Schedules of rate Post G.S. T-2022 reference to vide letter no-6432/LC, BBSR, dated-30.09.2024

of Work's Department. Govt. of Orissa to P.R Department.

SL. NO	DESCRIPTION OF MATERIALS	NAME OF QUARRY	LEAD IN TRUCK (IN KM.)	UNIT	BASIC RATE	COST OF LEAD (IN RS.)	ROYALTY (IN RS.)	COST OF LEAD & ROYALTY (IN RS.)	TOTAL (IN RS.)
1	2	3	4	5	6	7	8	12	13
1	Granite broken stone size not less than 0.0025 Cum stacked	Pattapur	20.00	One cum.	289.28	471.31	130.00	601.31	890.59
2	Soling stone boulder 15 cm & above size	Pattapur	20.00	One cum.	184.11	471.31	130.00	601.31	785.42
3	45mm. Size H.B.G. Metal (H.B.)	Pattapur	20.00	One cum.	664.59	471.31	130.00	601.31	1265.90
4	45mm. Size H.B.G. Metal (C.B.)	Pattapur	20.00	One cum.	870.00	471.31	130.00	601.31	1471.31
5	40mm. Size H.B.G. Metal (H.B.)	Pattapur	20.00	One cum.	787.36	471.31	130.00	601.31	1388.67
6	40mm. Size H.B.G. Metal (C.B.)	Pattapur	20.00	One cum.	995.25	471.31	130.00	601.31	1596.56
7	25mm. Size H.B.G. Metal (H.B.)	Pattapur	20.00	One cum.	775.00	471.31	130.00	601.31	1376.31
8	25mm. Size H.B.G. Metal (C.B.)	Pattapur	20.00	One cum.	1135.74	471.31	130.00	601.31	1737.05
9	20mm Size H.B.G. Chips (H.B.)	Pattapur	20.00	One cum.	1077.82	471.31	130.00	601.31	1679.13
10	20mm Size H.B.G. Chips (C.B.)	Pattapur	20.00	One cum.	1382.29	471.31	130.00	601.31	1983.60
11	13.2mm Size H.B.G. Chips(H.B.)	Pattapur	20.00	One cum.	1055.00	471.31	130.00	601.31	1656.31
12	13.2mm Size H.B.G. Chips(C.B.)	Pattapur	20.00	One cum.	1370.27	471.31	130.00	601.31	1971.58
13	12mm Size H.B.G. Chips (H.B.)	Pattapur	20.00	One cum.	1070.00	471.31	130.00	601.31	1671.31

14	12mm Size H.B.G. Chips (C.B.)	Pattapur	20.00	One cum.	1396.62	471.31	130.00	601.31	1997.93
15	11.2mm Size H.B.G. Chips(H.B.)	Pattapur	20.00	One cum.	1095.67	471.31	130.00	601.31	1696.98
16	11.2mm Size H.B.G. Chips(C.B.)	Pattapur	20.00	One cum.	1398.79	471.31	130.00	601.31	2000.10
17	10mm Size H.B.G. Chips (H.B.)	Pattapur	20.00	One cum.	1095.67	471.31	130.00	601.31	1696.98
18	10mm Size H.B.G. Chips (C.B.)	Pattapur	20.00	One cum.	1407.77	471.31	130.00	601.31	2009.08
19	6.7mm. Size H.B.G Chips	Pattapur	20.00	One cum.	880.00	471.31	130.00	601.31	1481.31
20	4.7mm. Size H.B.G Chips	Pattapur	20.00	One cum.	813.91	471.31	130.00	601.31	1415.22
21	2.36mm. Size H.B.G Chips	Pattapur	20.00	One cum.	780.00	471.31	130.00	601.31	1381.31
22	stone screened (crusher dust)	Pattapur	20.00	One cum.	113.39	471.31	35.00	506.31	619.70
23	Fly ash bricks (23cmx11cmx8cm)	Pattapur	20.00	1000 nos.	4554.88	1044.74		1044.74	5599.62
25	Sand For Mortar	Local	10.00	One cum.	66.23	341.11	35.00	376.11	442.34
26	Sand For Filling	Local	10.00	One cum.	62.86	341.11	35.00	376.11	438.97
27	Moorum	Local	20.00	One cum.	56.13	471.31	35.00	506.31	562.44
28	C.B Brick Khoa	Local	20.00	One cum.	240.00	471.31		471.31	711.31
28	CEMENT (excluding EGB)	Digapahandi	15.00	Qntl.	564.00	36.68		36.68	600.68
29	HYSD Reinforcement Steel	Digapahandi	15.00	MT	62711.86	366.77		366.77	63078.63

Certified that the leads provided are correct and minimum to the best of my knowledge.

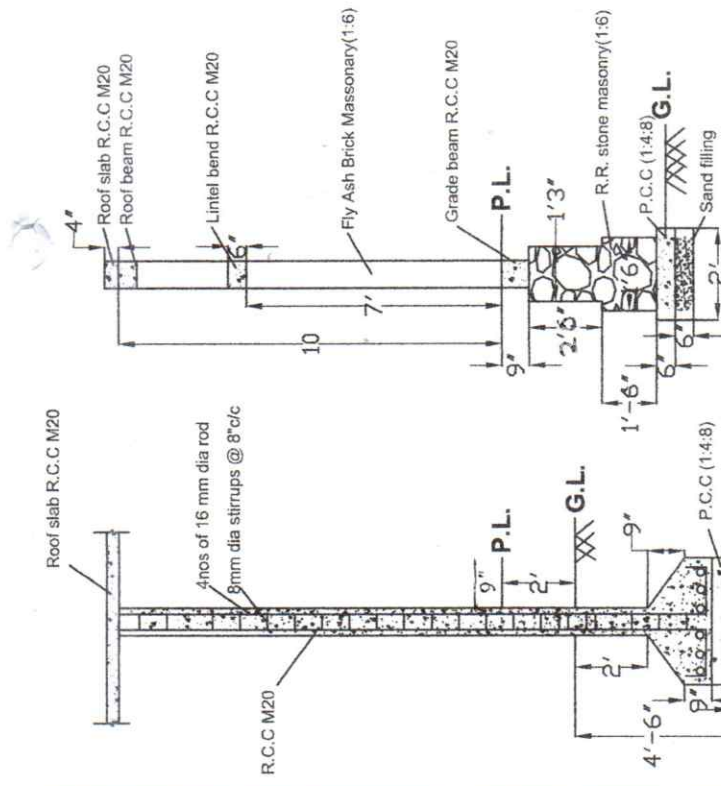
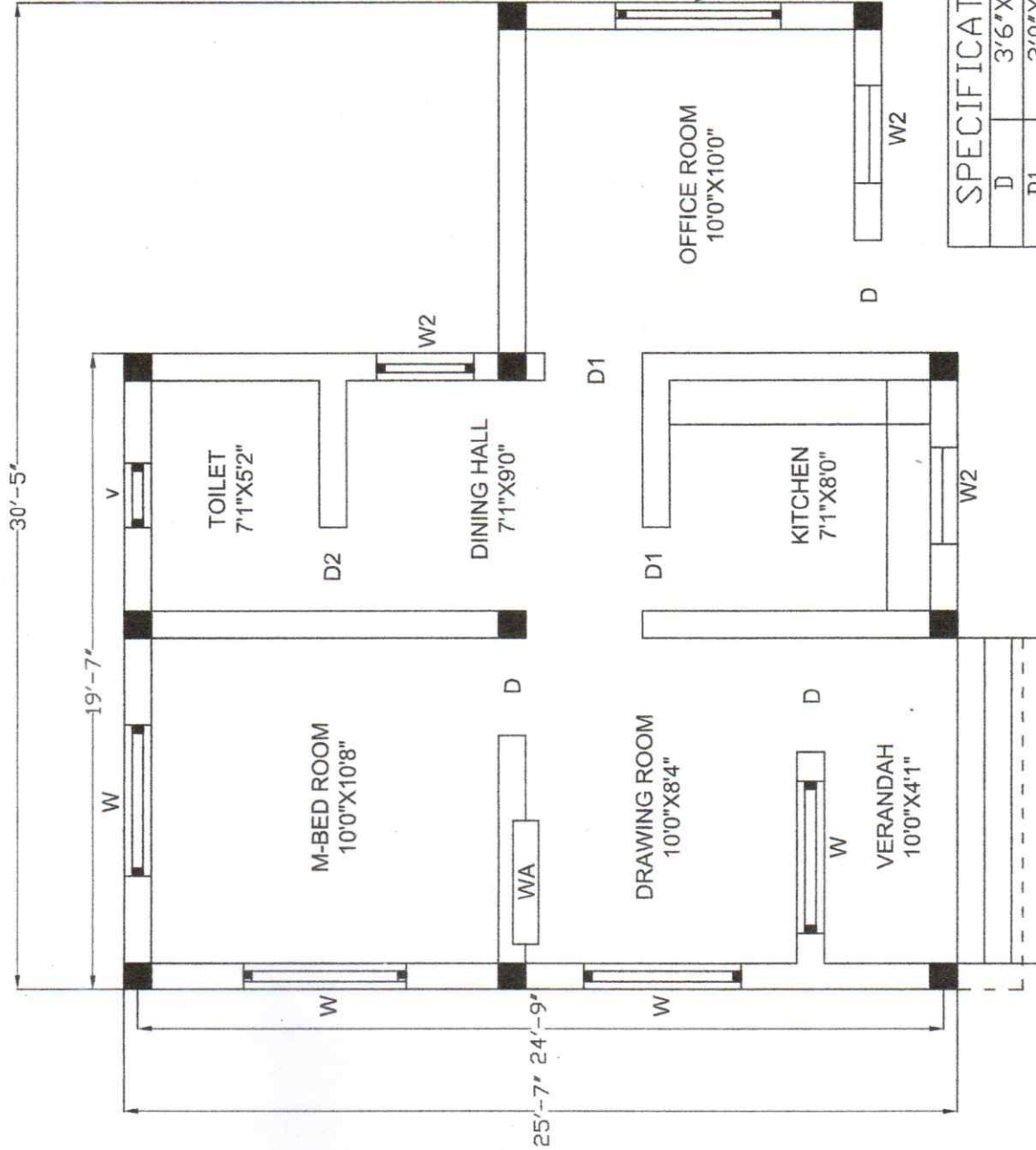
Suman Bala
TECHNICAL CONSULTANT
 KUKERAKHANDI BLOCK
 District Project Co-ordinator
 Samagra Sikhya Ganjam,
 Sanakhemundi Block

Forester
 Forester
 Nuapada Section
 Nuapada Section

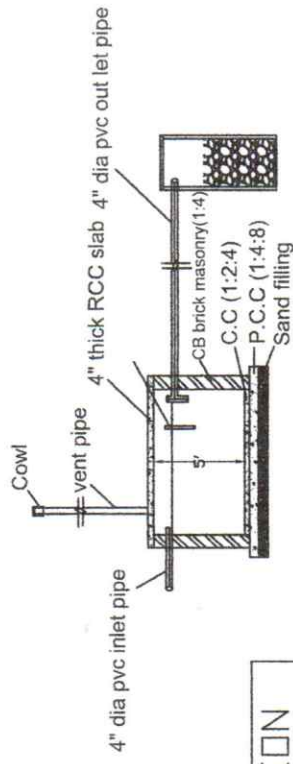
Range Officer
 Range Officer
 Digapahandi Range
Forest Range officer
 Digapahandi Range

Counter signed
 Asst. Conservator of Forests
 Berhampur Division

Plan for Forest Guard Quarter, Bomkei



Column structure section of wall



Section of septic tank & soak pit

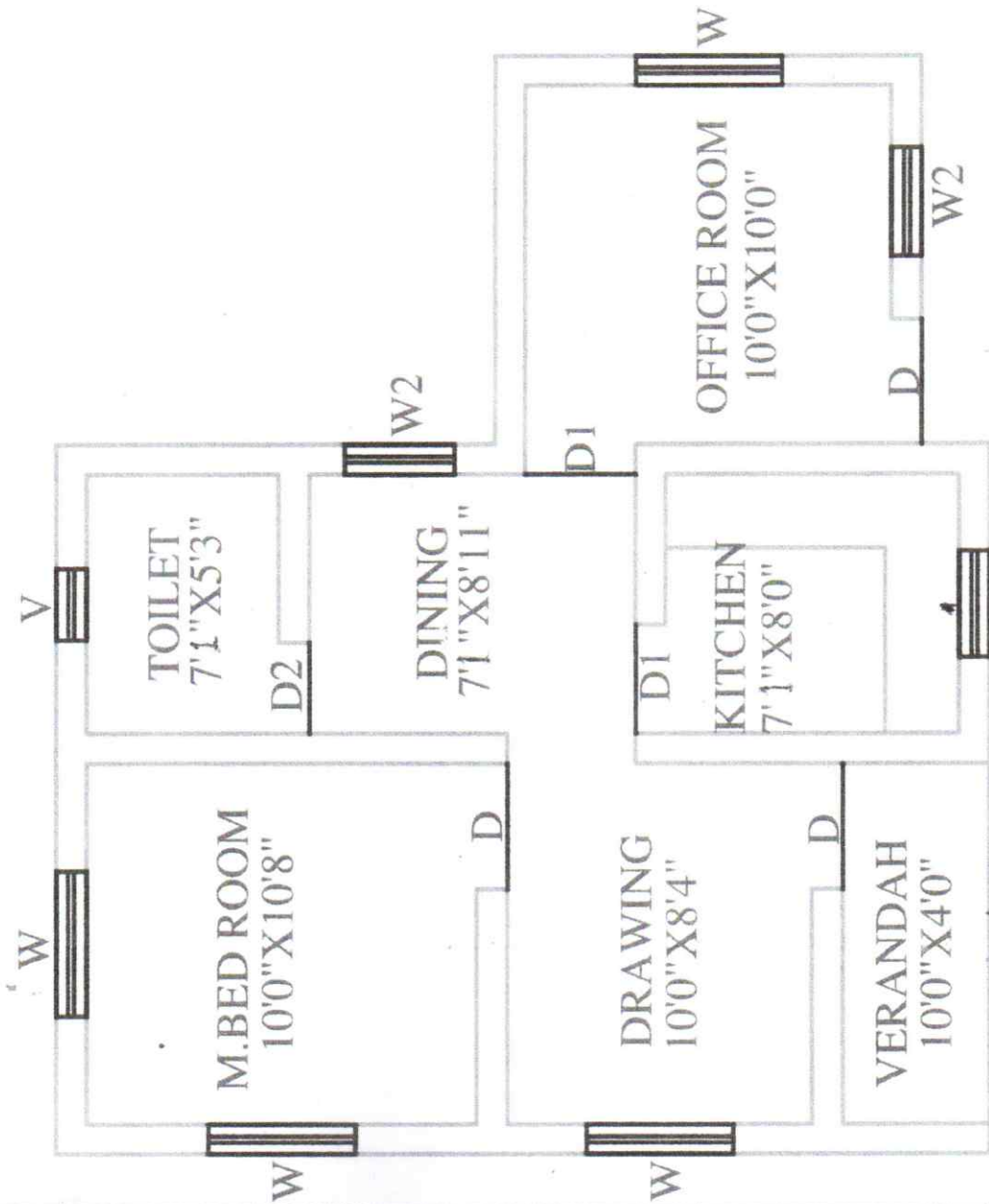
SPECIFICATION	
D	3'6" X 7'0"
D1	3'0" X 7'0"
D2	2'6" X 7'0"
W	4'0" X 4'0"
W2	3'0" X 4'0"

Sanat Kumar
Forest Range officer
 Asst. Conservator of Forests
 Digapahandi Range
 Berhampur Division

Plan

Forest
 Forester
 Nuapada Section

Sanat Kumar
 B.E. in Civil Engg.
 District Project Co-ordinator



PLINTH AREA-500 SQ FT
 OFFICE AREA-126 SQ FT
 TOTAL AREA-626 SQ FT

Principal Chief Conservator of Forests
 Forest Division & Nodal Officer, FC Act

W-204
 28/10/20
 ACF (CAMP)

W-204
 28/10/20
 Dy. CF (CAMP)

W-204
 28/10/20
 Dy. CF (CAMP)

PROPOSED PLAN OF FOREST GUARD QUARTER.

NAME OF THE CONSULTANT
SOVA CONSULTANTS
 (Approved by Govt. of Odisha, In An ISO 9001:2015 Certified)
 Civil Testing Laboratory & Engineering Consultant.
 REGD. OFF: Plot No. 1, Jagdish Nagar, Bhubaneswar - 751006, Odisha
 Phone: 941711010, 9417286674
 E-mail: sovaodisha@gmail.com

Countersigned
 [Signature]

[Signature]
 Forest Range officer
 Digapahandi Range

[Signature]
 Forester
 Nuapada Section

[Signature]
 Technical Consultant
 B.E. in Civil Engg.
 District Project Co-ordinator,
 Samagra Siksha Ganiyan,
 Sanakhemundi, Odisha

[Signature]
 Asst. Conservator of Forests
 Berhampur Division