

COST, CONVEYANCE & ROYALTY OF MATERIALS.

Sl. No.	Description of materials	Name of the quarry	Unit	Lead	Basic Cost Post-GST	T.C	Royalty	T.C +R.C	Total (B.C+T.C+R.C)	B.C+T.C
I	II	III	IV	V	IX	X	XII	XIII	XIV	VI
1	Gravel or Moorum	Local	Cum	10	47.62	202.40	35.00	237.40	285.02	250.02
2	Sand (Filling)	Salebhata	Cum	25	45.71	340.40	35.00	375.40	421.11	386.11
3	Sand (Mortar)	Salebhata	Cum	25	52.38	340.40	35.00	375.40	427.78	392.78
4	Stone Boulder(H.G)	Singhijuba	Cum	15	221.83	248.40	130.00	378.40	600.23	470.23
5	40 mm H.G.H.B. metal	Singhijuba	Cum	15	603.81	248.40	130.00	378.40	982.21	852.21
6	40mm H.G.C.B. metal	Bhenuamunda	Cum	20	742.86	294.40	130.00	424.40	1167.26	1037.26
7	4.7 mm. CBHG Chips.	Bhenuamunda	Cum	20	706.67	294.40	130.00	424.40	1131.07	1001.07
8	6.7 mm. CBHG Chips.	Bhenuamunda	Cum	20	761.90	294.40	130.00	424.40	1186.30	1056.30
9	10mm. CBHG Chips	Bhenuamunda	Cum	20	1095.24	294.40	130.00	424.40	1519.64	1389.64
10	11.20mm. CBHG Chips	Bhenuamunda	Cum	20	1095.24	294.40	130.00	424.40	1519.64	1389.64
11	12mm. CBHG Chips	Bhenuamunda	Cum	20	1095.24	294.40	130.00	424.40	1519.64	1389.64
12	13.2mm. CBHG Chips	Bhenuamunda	Cum	20	1090.48	294.40	130.00	424.40	1514.88	1384.88
13	20mm. CBHG Chips	Bhenuamunda	Cum	20	1076.19	294.40	130.00	424.40	1500.59	1370.59
14	Cement	Dunguripali	Qntl.	10	654.67	21.20		21.20	675.87	675.87
15	Steel (TATA)	Dunguripali	Qntl.	10	8000.00	21.20		21.20	8021.20	8021.20
16	Binding Wires	Dunguripali	kg	10	63.83	0.21		0.21	64.04	64.04
17	Cement Paint	Dunguripali	kg	10	27.56			0.00	27.56	27.56
18	Distemper	Dunguripali	kg	10	51.97			0.00	51.97	51.97
19	Primer (Iron)	Dunguripali	lit	10	101.57			0.00	101.57	101.57
20	Wall Cement Primer	Dunguripali	lit	10	121.26			0.00	121.26	121.26
21	Shell lime(Unslaked)	Dunguripali	Kg	10	18.10			0.00	18.10	18.10
22	Plistic Emulsion paint	Dunguripali	lit	10	196.06			0.00	196.06	196.06
23	Weather Coat	Dunguripali	lit	10	178.39			0.00	178.39	178.39
24	Enamel Paint	Dunguripali	lit	10	151.97			0.00	151.97	151.97
25	Synthetic Putty	Dunguripali	kg	10	30.00	0.21		0.21	30.21	30.21
26	Ceramic wall Tiles 20cmx30cm	Dunguripali	Sqm	10	304.72	6.77		6.77	311.49	311.49
27	Ceramic floor Tiles 30cmx30cm	Dunguripali	Sqm	10	337.80	6.77		6.77	344.57	344.57
28	Cequres Tiles 30cmx30cm	Dunguripali	Sqm	10	183.90	6.77		6.77	190.67	190.67
29	Vetrified Tiles 60cmx60cm	Dunguripali	Sqm	10	571.65	6.77		6.77	578.42	578.42
30	Adhesive	Dunguripali	Kg	10	173.23	0.20		0.20	173.43	173.43
31	White Cement	Dunguripali	qntl	10	1358.27	21.20		21.20	1379.47	1379.47
44	Aluminium extruded section	Local	kg		224.68					224.68
32	25 mm sal plank	Local	Cum		16307.05			0.00	16307.05	16307.05
33	38mm thick non sal planks	Local	Cum		16307.05			0.00	16307.05	16307.05
34	80 mm Sal Ballaha	Local	Rmt		86.31			0.00	86.31	86.31
35	80 mm Non-Sal Ballaha	Local	Rmt		40.66			0.00	40.66	40.66
36	120 mm Sal Ballaha	Local	Rmt		86.31			0.00	86.31	86.31
37	125 mm Non-Sal Ballaha	Local	Rmt		62.24			0.00	62.24	62.24
38	Non sal wood Scantling	Local	Cum		16307.05			0.00	16307.05	16307.05
39	Non Sal wood reaper	Local	Cum		11203.32			0.00	11203.32	11203.32
40	Carriage of Wood	Local	Cum	10	0.00	169.60		169.60	169.60	169.60
41	C.B Brick(23x11x8)	Katapli	1000 Nos	15	2617.87	712.40	87.50	799.90	3417.77	3330.27
42	K.B Brick (25x12x8)	Sikidi	1000 Nos	25	3680.00	919.40	100.00	1019.40	4699.40	4599.40
43	Fly ash blocks of 25 Cm. x 12 Cm. x 8 Cm. Size	Dabhala	1000 Nos	25	3574.47	919.40		919.40	4493.87	4493.87

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

LABOUR RATE

Unskilled	Rs	333.00	Mason	Rs	423.00
Semi-Skilled	Rs	373.00	Special	Rs	483.00

Sand, Moorum	Rs	35.00
Stone products	Rs	130.00

*Junior Engineer
Dunguripali Block*

*Asst. Executive Engineer
Dunguripali Block*

*Block Development Officer
Dunguripali Block*

	392.78
	470.23
	852.21
	1037.26
	1001.07
	1056.30
	1389.64
	1389.64
	1389.64
426.56	485.94
	4237.288136

ANALYSIS OF RATES

Sl	Description	Unit	Quantity	Rate	Amount
I	II	III	V	VI	VII
1	Earthwork excavation in hard soil with initial lead and initial lift including dressing and levelling the foundation bed and depositing the excavated earth away from worksite etc complete.				
	<u>a Labour</u>				
	Man Mulia	Nos	21.50	Rs 333.00	Rs 7,159.50
	Women Mulia	Nos	21.50	Rs 333.00	Rs 7,159.50
					Rs 14,319.00
	Add OHC & Contrator's Profit 15%				Rs 2,147.85
	2% T&P				Rs 286.38
					Rs 16,753.23
	Add 20% for foundation				Rs 2,863.80
					Rs 19,617.03
	Add labour Cess 1%				Rs 196.17
					Rs 19,813.20 /100cum
					Rs 198.13 /M ³
				Or say	Rs 198.10 /M ³
2	Supplying, filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty and all taxces of materials cost of all labour with T&P etc. complete.				
	<u>a MATERIAL</u>				
	Sand	Cum	100	Rs 45.71	Rs 4,571.00
	<u>b Labour</u>				
	Mulia	Nos	12.36	Rs 333.00	Rs 4,115.88
					Rs 8,686.88
	Add OHC & Contrator's Profit 15%				Rs 1,303.03
	c 2% T&P				Rs 173.74
	<u>d Conveyance & Royalty</u>				
	Sand	Cum	100.00	Rs 375.40	Rs 37,540.00
					Rs 47,703.65
	Add labour Cess 1%				Rs 477.04
					Rs 48,180.69 /100cum
					Rs 481.81 /M ³
				Or say	Rs 481.80 /M ³
5	Cement concrete (1:3:6) with 40 mm size H.G.C.B metal including cost,conveyance and royalty etc.				
	<u>a MATERIAL</u>				
	40 mm size H.G.C.B. metal	Cum	0.96	Rs 742.86	Rs 713.15
	Sand	Cum	0.48	Rs 52.38	Rs 25.14
	Cement	Qntl	2.29	Rs 654.67	Rs 1,499.19
	<u>b LABOUR</u>				
	Mason 2nd class	Nos	0.18	Rs 423.00	Rs 76.14
	Man Mulia	Nos	2.50	Rs 333.00	Rs 832.50
	Women Mulia	Nos	1.40	Rs 333.00	Rs 466.20
					Rs 3,612.32
	Add OHC & Contrator's Profit 15%				Rs 541.85
					Rs 4,154.17
	<u>c Conveyance & Royalty</u>				
	40 mm size H.G.C.B. metal	Cum	0.96	Rs 424.40	Rs 407.42
	Sand	Cum	0.48	Rs 375.40	Rs 180.19
	Cement	Qntl	2.29	Rs 21.20	Rs 48.55
	Total (a+b+c)				Rs 4,790.33 /M ³
	Add labour Cess 1%				Rs 47.90

						Rs	4,838.24	
	Rate for 1 Cum			Or say		Rs	4,790.30	/M ³
1	RCC M-20 work with 20mm down grade course aggregate including hoisting and laying.							
	<u>Data for 15 Cum</u>							
a	<u>MATERIAL</u>							
	20mm size Hard granite chips	Cum	8.10	Rs	1,076.19	Rs	8,717.14	
	10mm size Hard granite chips	Cum	5.40	Rs	1,095.24	Rs	5,914.30	
	Sand	Cum	6.75	Rs	52.38	Rs	353.57	
	Cement	Qntl	52.10	Rs	654.67	Rs	34,108.31	
b	<u>LABOUR</u>							
	Mason 2nd class	Nos	1.50	Rs	423.00	Rs	634.50	
	Mate	Nos	0.86	Rs	373.00	Rs	320.78	
	Mulia	Nos	20.00	Rs	333.00	Rs	6,660.00	
c	Machinery - Concrete Mixture	Hour	6.00	Rs	177.00	Rs	1,062.00	
	Generator 33 KVA	Hour	6.00	Rs	240.00	Rs	1,440.00	
						Rs	59,210.59	
	Add OHC & Contrator's Profit 15%					Rs	8,881.59	
						Rs	68,092.18	
d	<u>CARRIAGE & ROYALTY</u>							
	20mm size Hard granite chips	Cum	8.10	Rs	424.40	Rs	3,437.64	
	10mm size Hard granite chips	Cum	5.40	Rs	424.40	Rs	2,291.76	
	Sand	Cum	6.75	Rs	375.40	Rs	2,533.95	
	Cement	Qntl	52.10	Rs	21.20	Rs	1,104.52	
	Total (a+b+c+d)					Rs	77,460.05	
	Add labour Cess 1%					Rs	774.60	
						Rs	78,234.65	/15 M ³
						Rs	5,215.64	/M ³
	Rate for 1 Cum			Or say		Rs	5,215.60	/M ³
2	Rigid and smooth centering & shuttering for RCC works including false works and dismantling then after casting including cost of materials complete in ground.							
i	R.C.C foundation,plinth band and footings incase of columns mass concrete precast slabs etc.							
	<u>Details for 10 Sqm</u>							
a	<u>MATERIAL</u>							
	25 mm thick non sal planks	Cum	0.267	Rs	16,307.05	Rs	4,353.98	
	80 mm dia non sal bullah	Mtr	12.60	Rs	40.66	Rs	512.32	
	Carriage of wood	Cum	0.3284	Rs	169.60	Rs	55.70	
						Rs	4,921.99	
	Considering 10 times use of the material for use once					Rs	492.20	
b	<u>LABOUR</u>							
	Carpenter 2nd class	Nos	0.50	Rs	423.00	Rs	211.50	
	Semi Skilled mulia	Nos	0.50	Rs	373.00	Rs	186.50	
	Total (a+b)					Rs	890.20	/10 M ²
	Add OHC & Contrator's Profit 15%					Rs	133.53	
						Rs	1,023.73	/10 M ²
	Add labour Cess 1%					Rs	10.24	
						Rs	1,033.97	/10 M ²
						Rs	103.40	
	Rate for 1 Sqm			Or say		Rs	103.40	/M ²
(ii)	R.C.C beam ,column,girder and bressmer etc.							
	<u>Data for 4.2 sqm</u>							
a	<u>MATERIAL</u>							

38 mm non sal planks	Cum	0.218	Rs	16,307.05	Rs	3,554.94	
120 mm dia sal bullah	Mtr	15.20	Rs	86.31	Rs	1,311.91	
80 mm dia sal bullah for bracing	Mtr	8.00	Rs	86.31	Rs	690.48	
Carriage of wood	Cum	0.456	Rs	169.60	Rs	77.34	
					Rs	5,634.67	
Considering 10 times use of the material for use once					Rs	563.47	
b LABOUR							
Carpenter 2nd class	Nos	2.75	Rs	423.00	Rs	1,163.25	
Semi Skilled mulia	Nos	2.75	Rs	373.00	Rs	1,025.75	
Total (a+b)					Rs	2,752.47	/4.2M ²
Add OHC & Contrator's Profit 15%					Rs	412.87	
					Rs	3,165.34	/4.2M ²
Add labour Cess 1%					Rs	31.65	
					Rs	3,196.99	/4.2M ²
					Rs	761.19	
Rate for one Sqm				Or say	Rs	761.20	/M ²
(iii) RCC stairs excluding landing but including railing .							
DATA FOR 5 sqm							
a MATERIAL							
38 mm thick non sal wood planks	Cum	0.228	Rs	16,307.05	Rs	3,718.01	
Non sal wood planks	Cum	0.039	Rs	16,307.05	Rs	635.97	
120 mm dia non sal bullah	Mtr	6.50	Rs	62.24	Rs	404.56	
Carriage of wood	Cum	0.350	Rs	169.60	Rs	59.36	
					Rs	4,817.90	
Considering 10 times use of the material for use once					Rs	481.79	
b LABOUR							
Carpenter 2nd class	Nos	2.75	Rs	423.00	Rs	1,163.25	
Semi Skilled mulia	Nos	2.75	Rs	373.00	Rs	1,025.75	
Total (a+b)					Rs	2,670.79	/5 M ²
Add OHC & Contrator's Profit 15%					Rs	400.62	
					Rs	3,071.41	/5 M ²
Add labour Cess 1%					Rs	30.71	
					Rs	3,102.12	/5 M ²
Rate for one sqm				Or say	Rs	620.42	/M ²
					Rs	620.40	/M ²
(iv) RCC in Lintels							
Data for 7.80 sqm							
a MATERIAL							
38 mm non sal planks	Cum	0.413	Rs	16,307.05	Rs	6,734.81	
120 mm dia non sal bullah	Mtr	21.00	Rs	62.24	Rs	1,307.04	
Carriage of wood	Cum	0.689	Rs	169.60	Rs	116.85	
					Rs	8,158.71	
Considering 10 times use of the material for use once					Rs	815.87	
b LABOUR							
Carpenter 2nd class	Nos	1.25	Rs	423.00	Rs	528.75	
Semi Skilled mulia	Nos	1.25	Rs	373.00	Rs	466.25	
Total (a+b)					Rs	1,810.87	/7.8M ²
Add OHC & Contrator's Profit 15%					Rs	271.63	
					Rs	2,082.50	/7.8M ²
Add labour Cess 1%					Rs	20.83	
					Rs	2,103.33	/7.8M ²
					Rs	269.66	/M ²
Rate for one Sqm				Or say	Rs	269.70	/M ²
(v) RCC floor and roof slabs,landing,balconies, projecting sunsheds and chajjas up							

to 4.30 mt. height

Data for 9 sqm

a MATERIAL

Non sal wood scantling	Cum	0.112	Rs	16,307.05	Rs	1,826.39
38 mm thick non sal wood planks	Cum	0.340	Rs	16,307.05	Rs	5,544.40
120 mm dia sal bullah	Mtr	56.00	Rs	86.31	Rs	4,833.36
Carriage of wood	Cum	1.142	Rs	169.60	Rs	193.68
Total					Rs	12,397.83

Considering 10 times use of the material for use once

Rs 1,239.78

b LABOUR

Carpenter 2nd class	Nos	2.75	Rs	423.00	Rs	1,163.25
Semi Skilled mulia	Nos	2.75	Rs	373.00	Rs	1,025.75

Total (a+b) Rs 3,428.78 /9 M²

Add OHC & Contrator's Profit 15% Rs 514.32

Rs 3,943.10 /9 M²

Add labour Cess 1% Rs 39.43

Rs 3,982.53 /9 M²

Rs 442.50

Rate for one Sqm Rs 442.50 /M²

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

Unit - 1 MT

Taking Output = 1 MT

a. Material

Cost of HYSD bars excluding 5 percent overlaps & wastage	MT	1.05	Rs	80,000.00	Rs	84,000.00
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Binding wire	Kg	8.00	Rs	63.83	Rs	510.64
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b. Labour

Mate	Nos	0.44	Rs	373.00	Rs	164.12
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Black smith Special	Nos	3.00	Rs	483.00	Rs	1,449.00
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Mulia	Nos	8.00	Rs	333.00	Rs	2,664.00
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Rs 88,787.76

Add OHC & Contrator's Profit 15% Rs 13,318.16

Rs 102,105.92

c CARRIAGE CHARGE OF BAR

HYSD bars	MT.	1.05	Rs	212.00	Rs	222.60
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Binding wire	Kg	8.00	Rs	0.21	Rs	1.70
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Total (a+b+c+d) Rs 102,330.22 /MT

Add labour Cess 1% Rs 1,023.30

Rs 103,353.52 /MT

Rs 10,335.35

d Rate per One Quintal Or say Rs 10,335.35 /Qntl

4 Fly ash bricks of 25 cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 kg/cm² with dimensional tolerance ± 8% in cm(1:6) in superstructure.

a MATERIAL

Fly ash Brick of size 23x11x8 cm	Nos	350.00	Rs	3,574.47	Rs	1,251.06
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Sand	Cum	0.28	Rs	52.38	Rs	14.67
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Cement	Qntl	0.672	Rs	654.67	Rs	439.94
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b LABOUR

Mason Special	Nos	0.35	Rs	483.00	Rs	169.05
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Mason 2nd class	Nos	1.05	Rs	423.00	Rs	444.15
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Mulia (1.41+1.41+0.14)	Nos	2.96	Rs	333.00	Rs	985.68
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Rs 3,304.55

Add OHC & Contrator's Profit 15% Rs 495.68

Rs 495.68

					Rs	3,800.23
c CARRIAGE & ROYALTY						
Fly ash Brick of size 23x11x8 cm	Nos	350.00	Rs	919.40	Rs	321.79
Sand	Cum	0.28	Rs	375.40	Rs	105.11
Cement	Qntl	0.672	Rs	21.20	Rs	14.25
d Total (a+b+c)					Rs	4,241.38
Add labour Cess 1%					Rs	42.41
					Rs	4,283.79
Rate for foundation & Plinth			Or say		Rs	4,283.80 /M ³
Add for super structure					Rs	33.00
Rate for super structure					Rs	4,316.80 /M ³

13 6mm thick cement plaster in cement mortar (1:4) to RCC surface finished smooth including deep chipping and slury treatment including punning including cost, conveyance & royalty of materials.

a MATERIAL							
Sand	Cum	0.0075	Rs	52.38	Rs	0.39	
Cement	Qntl	0.0372	Rs	654.67	Rs	24.35	
b LABOUR							
Mason 2nd class	Nos	0.14	Rs	423.00	Rs	59.22	
Mulia (0.05+0.05+0.02+0.05)	Nos	0.17	Rs	333.00	Rs	56.61	
					Rs	140.58	
Add OHC & Contrator's Profit 15%					Rs	21.09	
					Rs	161.66	
c CARRIAGE & ROYALTY							
Sand	Cum	0.0075	Rs	375.40	Rs	2.82	
Cement	Qntl	0.0372	Rs	21.20	Rs	0.79	
Total (a+b+c)					Rs	165.27	
Add labour Cess 1%					Rs	1.65	
					Rs	166.92	
					Or say	Rs	166.90 /M ²

5 12mm (½") thick cement plaster (1:6) finishing smooth to outside smooth surface of brick walls after racking out the joint including watering and curing with cost, conveyance, royalties etc complete.

a MATERIAL							
Sand	Cum	0.015	Rs	52.38	Rs	0.79	
Cement	Qntl	0.0358	Rs	654.67	Rs	23.44	
b LABOUR							
Mason 2nd class	Nos	0.14	Rs	423.00	Rs	59.22	
Mulia (0.05+0.05+0.02)	Nos	0.12	Rs	333.00	Rs	39.96	
					Rs	123.40	
Add OHC & Contrator's Profit 15%					Rs	18.51	
					Rs	141.91	
c CARRIAGE & ROYALTY							
Sand	Cum	0.015	Rs	375.40	Rs	5.63	
Cement	Qntl	0.0358	Rs	21.20	Rs	0.76	
d Total (a+b+c)					Rs	148.30	
Add labour Cess 1%					Rs	1.48	
					Rs	149.79	
					Or say	Rs	149.80 /M ²

6 16mm (¾") thick cement plaster (1:6) finished smooth to inside rough surface of 9"/10" thick brick walls after racking out the joint including watering and curing with cost and conveyance, royalties etc complete.

a MATERIAL

Sand	Cum	0.018	Rs	52.38	Rs	0.94
Cement	Qntl	0.043	Rs	654.67	Rs	28.15
b LABOUR						
Mason 2nd class	Nos	0.16	Rs	423.00	Rs	67.68
Mulia (0.11+0.11+0.02)	Nos	0.24	Rs	333.00	Rs	79.92
					Rs	176.69
Add OHC & Contrator's Profit 15%					Rs	26.50
					Rs	203.20

c CARRIAGE & ROYALTY						
Sand	Cum	0.018	Rs	375.40	Rs	6.76
Cement	Qntl	0.043	Rs	21.20	Rs	0.91
Total (a+b+c)					Rs	210.87
Add labour Cess 1%					Rs	2.11
					Rs	212.98
				Or say	Rs	213.00 /M ²

7 20 mm thick grading plaster in C:M (1:4) over roof slab including cost, conveyance and royalty etc.

a Material						
Sand	Cum	0.021	Rs	52.38	Rs	1.10
Cement	Qtl	0.0744	Rs	654.67	Rs	48.71
b Labour :						
Masson 2nd Class	No.	0.16	Rs	423.00	Rs	67.68
Mulia	No.	0.24	Rs	333.00	Rs	79.92
					Rs	197.41
Add OHC & Contrator's Profit 15%					Rs	29.61
					Rs	227.02

c Carriage & Royalty of Materials						
Sand	Cum	0.021	Rs	375.40	Rs	7.88
Cement	Qtl	0.074	Rs	21.20	Rs	1.58
Total (a+b+c)					Rs	236.48
Add labour Cess 1%					Rs	2.36
					Rs	238.84
				Or say	Rs	238.80 /M ²

8 Supplying, fitting and fixing vetrified tile in floors of size 600mm x 600mm of approved make with application of polymer modified cement based water resistant adhesive bed of required thickness of 10mm and filling joints with epoxy grout of approved .

DATA for 10.00 sqm

a Material						
Vetrified Tile 600mmx600mm	Sqm	10.00	Rs	571.65	Rs	5,716.50
Sand	Cum	0.21	Rs	52.38	Rs	11.00
Cement	Kg.	1.074	Rs	173.23	Rs	186.05
White Cement	qntl	0.076	Rs	1,358.27	Rs	103.23
b Labour						
Mason Spl	Nos	2.16	Rs	483.00	Rs	1,043.28
Mulia	Nos	2.16	Rs	333.00	Rs	719.28
					Rs	7,779.34
Add OHC & Contrator's Profit 15%					Rs	1,166.90
					Rs	8,946.24
c CARRIAGE & ROYALTY						
Vetrified Tile 600mmx600mm	sqm	10.00	Rs	6.77	Rs	67.66
Sand	Cum	0.21	Rs	375.40	Rs	78.83
Cement	qntl	1.074	Rs	654.67	Rs	703.12
White Cement	qntl	0.076	Rs	21.20	Rs	1.61
Total (a+b+c)					Rs	9,797.45 /10M ²
Add labour Cess 1%					Rs	97.97

			Rs	9,895.43	
			Rs	989.54	
Rate for one sqm =	Or say		Rs	<u>989.50</u>	/M ²
For 1st floor					
Basic rate			Rs	989.54	
5% of initial labour rate			Rs	<u>88.13</u>	
			Rs	1,077.67	
	Or say		Rs	<u>1,068.18</u>	/M ²

17 Fixing tiles in floors, treads or steps and landing on 25mm thick bed of cement mortar 1:1 (1cement : 1sand) jointed with neat cement slurry mixed pigment to match the shades of the tiles including rubbing and polishing complete excluding cost of precast tiles.

DATA for 10.00 sqm

a) Material

Ceramic floor Tiles 30cmx30cm	Sqm	10.00	Rs	337.80	Rs	3,378.00
Sand	Cum	0.13	Rs.	52.38	Rs	6.81
Cement	qntl	1.857	Rs	654.67	Rs	1,215.72
Cement for slurry	qntl	0.440	Rs	654.67	Rs	288.05
White Cement	qntl	0.076	Rs	1,358.27	Rs	103.23

b) Labour

Mason Spl	Nos	2.16	Rs	483.00	Rs	1,043.28
semiskilled mulia for runbbing	Nos	5.50	Rs	373.00	Rs	2,051.50
Mulia	Nos	2.16	Rs	333.00	Rs	<u>719.28</u>

Add OHC & Contrator's Profit 15%

Rs	8,805.87
Rs	<u>1,320.88</u>
Rs	10,126.76

c) CARRIAGE & ROYALTY

Ceramic floor Tiles 30cmx30cm	sqm	10.00	Rs	6.77	Rs	67.66
Sand	Cum	0.13	Rs	375.40	Rs	48.80
Cement	qntl	1.857	Rs	21.20	Rs	39.37
White Cement	qntl	0.076	Rs	21.20	Rs	1.61

Total (a+b+c)

Rs 10,284.19 /10M²

Add labour Cess 1%

Rs 102.84

Rs 10,387.04

Rs 1,038.70

Rate for one sqm =

Or say

Rs 1,038.70 /M²

18 Supplying fitting & fixing of ceramic floor tiles in floors, treads or steps and landing on 25 mm thick bed of C.M(1:4) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing .

DATA for 10.00 sqm

a) Material

Ceramic Tiles 30cmx30cm	sqm	10.00	Rs	337.80	Rs	3,378.00
Sand	Cum	0.21	Rs	52.38	Rs	11.00
Cement	Qntl	1.074	Rs	654.67	Rs	703.12
White Cement	qntl	0.076	Rs	1,358.27	Rs	103.23

b) Labour

Mason Special	Nos	2.16	Rs	483.00	Rs	1,043.28
Mulia	Nos	2.16	Rs	333.00	Rs	<u>719.28</u>

Add OHC & Contrator's Profit 15%

Rs 5,957.90

Rs 893.69

Rs 6,851.59

c) Carriage & Royalty

Ceramic Tiles 30cmx30cm	sqm	10.00	Rs	6.77	Rs	67.66
Sand	Cum	0.21	Rs	375.40	Rs	19.24

Cement	Qntl	1.074	Rs	21.20	Rs	29.29	
White Cement	qntl	0.076	Rs	21.20	Rs	1.61	
Total (a+b+c)					Rs	6,969.38	/10M ²
Rate for one sqm					Rs	696.94	
Wax polishing					Rs	8.50	
					Rs	705.44	
Add labour Cess 1%					Rs	7.05	
					Rs	712.49	
				Or say	Rs	705.40	/M ²
For 1st floor					Rs	712.49	
Basic rate					Rs	88.13	
5% of initial labour rate					Rs	800.62	
				Or say	Rs	800.60	/M ²
For 2nd floor					Rs	705.44	
Basic rate					Rs	92.53	
5% of initial labour rate					Rs	797.97	
				Or say	Rs	798.00	/M ²
19 Fixing the tiles in dados skirting risers of steps on on 12 mm thick C.P. (1:3) jointed with neat cement Slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complete .							
<u>DATA for 10.00 sqm</u>							
a) <u>Material</u>							
Ceramic Tiles (Wall) 30cmx30cm	sqm	10.00	Rs	304.72	Rs	3,047.20	
Sand	Cum	0.15	Rs	52.38	Rs	7.86	
Cement	Qntl	0.715	Rs	654.67	Rs	468.09	
Cement for slurry	Qntl	0.66	Rs	654.67	Rs	432.08	
b) <u>Labour</u>							
Mason Special	Nos	3.25	Rs	483.00	Rs	1,569.75	
Semi-skilled mulia	Nos	7.60	Rs	373.00	Rs	2,834.80	
Mulia	Nos	3.25	Rs	333.00	Rs	1,082.25	
					Rs	9,442.03	
Add OHC & Contrator's Profit 15%					Rs	1,416.30	
					Rs	10,858.33	
c) <u>Carriage & Royalty</u>							
Ceramic Tiles 30cmx30cm	sqm	10.00	Rs	6.77	Rs	67.66	
Sand	Cum	0.15	Rs	375.40	Rs	56.31	
Cement	Qntl	1.375	Rs	21.20	Rs	29.15	
Total (a+b+c)					Rs	11,011.45	/10M ²
Add labour Cess 1%					Rs	110.11	
					Rs	11,121.56	
Rate for one sqm					Rs	1,112.16	
				Or say	Rs	1,112.20	/M ²
For 1st floor					Rs	1,112.16	
Basic rate					Rs	274.34	
5% of initial labour rate					Rs	1,386.50	
				Or say	Rs	1,386.50	/M ²
For 2nd floor					Rs	1,112.16	
Basic rate					Rs	288.06	
10% of initial labour rate					Rs	1,400.21	
				Or say	Rs	1,400.20	/M ²

- 18 Fixing tiles in floors treads or steps and landing on 25mm thick bed of cement mortar 1:1 (1cement : 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complete excluding cost of precast tiles per 1 sqm

DATA for 10.00 sqm

a Material

Granite tiles	sqm	10.00	Rs	571.65	Rs	5,716.50
Sand	Cum	0.13	Rs	52.38	Rs	6.81
Cement	Qntl	1.857	Rs	654.67	Rs	1,215.72
Cement for slurry	Qntl	0.440	Rs	654.67	Rs	288.05
Cement for grouting	Qntl	0.440	Rs	654.67	Rs	288.05

b Labour

Mason Special		2.16	Rs	483.00	Rs	1,043.28
Semiskilled mulia for rubbing	Nos	5.50	Rs	373.00	Rs	2,051.50
Mulia	Nos	2.16	Rs	333.00	Rs	719.28

c Carriage & Royalty

Ceramic Tiles 30cmx30cm	sqm	10.00	Rs	6.77	Rs	67.66
Sand	Cum	0.13	Rs	375.40	Rs	48.80
Cement	Qntl	1.857	Rs	21.20	Rs	39.37
Cement for slurry	Qntl	0.440	Rs	21.20	Rs	9.33
Cement for grouting	Qntl	0.440	Rs	21.20	Rs	9.33

d Total (a+b+c)

Rs 11,503.68 /10M²

Rate for one sqm

Rs 1,150.37

Rs 1,150.37

Or say

Rs 1,150.40 /M²

- 20 Fixing the tiles in dados skirting risers of steps on on 12 mm thick C.P. (1:3) jointed with neat cement Slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complete .

DATA for 10.00 sqm

a Material

Tile (Vetrified)	sqm	10.00	Rs	571.65	Rs	5,716.50
Sand	Cum	0.15	Rs	52.38	Rs	7.86
Cement	Qntl	1.375	Rs	654.67	Rs	900.17

b Labour

Mason Special	Nos	3.25	Rs	483.00	Rs	1,569.75
Semi-skilled mulia	Nos	7.60	Rs	373.00	Rs	2,834.80
Mulia	Nos	3.25	Rs	333.00	Rs	1,082.25

c Carriage & Royalty

Tile	sqm	10.00	Rs	6.77	Rs	67.66
Sand	Cum	0.15	Rs	375.40	Rs	56.31
Cement	Qntl	1.375	Rs	21.20	Rs	29.15

d Total (a+b+c)

Rs 12,264.44 /10M²

Rate for one sqm

Rs 1,226.44

Or say

Rs 1,226.40 /M²

- 21 Fixing the tiles in dados skirting risers of steps on on 12 mm thick C.P. (1:3) jointed with neat cement Slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complete .

DATA for 10.00 sqm

a) Material

Tile (Ceramic)	sqm	10.00	Rs	337.80	Rs	3,378.00
Sand	Cum	0.15	Rs	52.38	Rs	7.86
Cement	Qntl	1.375	Rs	654.67	Rs	900.17

b) Labour

Mason Special	Nos	3.25	Rs	483.00	Rs	1,569.75
Semi-skilled mulia	Nos	7.60	Rs	373.00	Rs	2,834.80
Mulia	Nos	3.25	Rs	333.00	Rs	1,082.25
c) Carriage & Royalty						
Tile	sqm	10.00	Rs	6.77	Rs	67.66
Sand	Cum	0.15	Rs	375.40	Rs	56.31
Cement	Qntl	1.375	Rs	21.20	Rs	29.15
Total (a+b+c)					Rs	9,925.94 /10M ²
Rate for one sqm					Rs	992.59
				Or say	Rs	992.60 /M ²

22 Supplying fitting & fixing of Chequers of approved pattern on cement concrete , flooring , treads or steps and landing on 25 mm thick bed of C.M(1:4) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing .

DATA for 10.00 sqm

a) <u>Material</u>						
Chequers Tiles 30cmx30cm	sqm	10.00	Rs	217.00	Rs	2,170.00
Sand	Cum	0.21	Rs	52.38	Rs	11.00
Cement	Qntl	1.074	Rs	654.67	Rs	703.12
White Cement	qntl	0.076	Rs	1,358.27	Rs	103.23
b) <u>Labour</u>						
Mason 2nd class	Nos	0.36	Rs	423.00	Rs	152.28
Mulia	Nos	0.36	Rs	333.00	Rs	119.88
c) <u>Carriage & Royalty</u>						
Chequers Tiles 30cmx30cm	sqm	10.00	Rs	6.77	Rs	67.66
Sand	Cum	0.21	Rs	375.40	Rs	19.24
Cement	Qntl	1.074	Rs	21.20	Rs	29.29
White Cement	qntl	0.076	Rs	21.20	Rs	1.61
Total (a+b+c)					Rs	3,377.30 /10M ²
Rate for one sqm					Rs	337.73
Wax polishing					Rs	8.50
					Rs	346.23
				Or say	Rs	346.20 /M ²

23 Finishing wall surface of walls with Acrylic wall putty (Water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T&P etc complete.

Data for 10 Sqm

a Material						
Cement based putty	Kg	8.00	Rs.	30.00	Rs.	240.00
b Labour						
Painter 2nd class	Nos	0.50	Rs.	423.00	Rs.	211.50
Mulia	Nos	0.50	Rs.	333.00	Rs.	166.50
Mulia for preparation of surface	Nos	0.07	Rs.	333.00	Rs.	23.31
					Rs.	401.31
c Total (A+B)					Rs.	641.31
d CARRIAGE & ROYALTY						
Cement based putty	Kg	8.00	Rs.	0.21	Rs.	1.70
e Total(C+D)					Rs.	643.01
f OHC & Contractor Profit 15% of (c)					Rs.	96.45
					Rs.	739.46
g Add for Cess 1%					Rs.	7.39
				Rate per 10 Sqm	Rs.	746.85

	Rs.	74.69
Rate per Sqm	Rs.	74.70 /M ²

9 Painting two coats over one coat of primer on new steel work including labour & material charges.

DATA for 9.30 sqm.

A Priming

material

Primer li 0.50 Rs 101.57 Rs 50.79

Labour

Painter 1st class Nos 0.50 Rs 483.00 Rs 241.50

Mulia Nos 0.50 Rs 333.00 Rs 166.50

Rs 408.00

Add OHC & Contrator's Profit 15%

Rs 61.20

2% T&P

Rs 8.16

Rs 528.15 /9.3M²

Add labour Cess 1%

Rs 5.28

Rs 533.43

Rs 57.36 /M²

B Painting

material

Paint li 1.16 Rs 151.97 Rs 176.29

Labour

Painter 1st class Nos 1.25 Rs 483.00 Rs 603.75

Mulia (1.00+0.10) Nos 1.10 Rs 333.00 Rs 366.30

Rs 970.05

Add OHC & Contrator's Profit 15%

Rs 145.51

2% T&P

Rs 19.40

Rs 1,311.24 /9.3M²

Add labour Cess 1%

Rs 13.11

Rs 1,324.36 /9.3M²

Rs 142.40 /M²

Total (A + B)

Rs 199.76 /M²

Or say

Rs 199.80 /M²

Wall painting with 2 coats with plastic emulsion paint of approved shade on

Data for 10 Sqm

A Material

Plastic paint lit 1.25 Rs 196.06 Rs 245.08

B Labour

Painter (Special) Nos 0.54 Rs 483.00 Rs 260.82

Mulia (0.54+0.10) Nos 0.64 Rs 333.00 Rs 213.12

Brushes ,sand paper, Putty etc. L.S Rs 10.00

Rs 729.02

Add OHC & Contrator's Profit 15%

Rs 109.35

2% T&P

Rs 14.58

Total (A+B)

Rs 852.95 /10 M²

Add labour Cess 1%

Rs 8.53

Rs 861.48 /10 M²

Rs 86.15

Or say

Rs 86.15 /M²

11 Wall painting with 2 coats with weather coat of approved shade on new work to give an even shade including cost, conveyance etc complete.

Data for 10 Sqm

A Material

Weather coat lit 1.25 Rs 178.39 Rs 222.99

B Labour

Painter (Special)	Nos	0.54	Rs	483.00	Rs	260.82
Mulia (0.54+0.10)	Nos	0.64	Rs	333.00	Rs	213.12
Brushes ,sand paper, Putty etc.					Rs	10.00
					Rs	706.93
Add OHC & Contrator's Profit 15%					Rs	106.04
Add 2% T&P					Rs	14.14
Total (A+B)					Rs	827.11
Add for Cess 1%					Rs	8.27
					Rs	835.38 /10 M ²
					Rs	83.54
					Rs	83.50 /M ²

12 Priming one coats over finishing wall with approved quality including labour & material charges.

Data for 9.3 Sqm

Material

primer(white based)	lit	0.54	Rs.	121.26	Rs	65.48
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Labour

Painter (Special)	Nos	0.50	Rs	483.00	Rs	241.50
Mulia	Nos	0.50	Rs	333.00	Rs	166.50
Brushes ,sand paper, Putty etc.			L.S		Rs	10.00
					Rs	483.48
2% T&P					Rs	9.67
					Rs	493.15 /9.3 M ²
Add OHC & Contrator's Profit 15%					Rs	73.97
					Rs	567.12
Add for Cess 1%					Rs	5.67
					Rs	572.79
					Rs	61.59
					Rs	61.60 /M ²

29 Supplying fitting & fixing of Stainless steel of 304 grade in hand railing using 50mm. Dia of 2 mm. thick circlar pipe with balustrade of size 2mm @ 0.90 m.c/c and stinless square pipe bracing of size 32mm.x32mm.x2mm. In 3 rows in case as per approved design and specification, buffing,polishing etc. with cost ,conveyance, taxes of all materials labour T & P etc. required for the Data for 3.26 Rmt.

a MATERIAL

Railing-50mm outer dia of 2mm thick 3.26 rmt. @3.50kg/mrt.	Kg	11.41	Rs	240.24	Rs	2,741.14
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Balustrade of size 32mmx32mmx2mm (4x0.90m=3.60mtr.@1.70kg/mtr.)	Kg	6.12	Rs	256.62	Rs	1,570.51
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Stainless Steel Square pipe bracing of size 32mmx32mmx2mm in 3 row(3x3.26m=9.78mtr.@1.70kg/mtr)	Kg	16.63	Rs	256.62	Rs	4,267.59
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Fabrication, Buffing, polishing etc 2%	Kg	34.16	Rs	10.00	Rs	341.60
					Rs	171.58

b LABOUR

Mason Special	Nos	0.89	Rs	483.00	Rs	429.87
Mason 2nd class	Nos	0.89	Rs	373.00	Rs	331.97
					Rs	9,854.26 /3.2Rmt
Add OHC & Contrator's Profit 15%					Rs	1,478.14
					Rs	11,332.40 /3.2Rmt

					Rs	3,541.38	/M
	Add for cess @ 1%				Rs	35.41	/M
	Rate for 1 mt.				Rs.	3,541.40	/M
13	Iron work wrought and put up in grated doors, windows and cage latrines including cost conveyance & taxes etc complete						
	Data for 0.508 Qntl.						
A	Labour						
	Black Smith (Special)	Nos.	0.750	Rs.	483.00	Rs.	362.25
	Black Smith (2nd Class)	Nos.	1.000	Rs.	423.00	Rs.	423.00
	Fitter (Special)	Nos.	1.000	Rs.	483.00	Rs.	483.00
	Fitter (2nd Class)	Nos.	1.000	Rs.	423.00	Rs.	423.00
	Helper to Black Smith	Nos.	1.000	Rs.	373.00	Rs.	373.00
	Man Mulia	Nos.	3.250	Rs.	333.00	Rs.	1,082.25
						Rs.	3,146.50
	Rate per 1 Qntl			Rs.	3,146.50	Rs.	6,193.90
				Rs.	0.508		
	Rate per 1 Kg					Rs.	61.94
B	Material						
	Iron					Rs.	65.00
c	Total (A+B)						
						Rs.	126.94
d	OHC & Contractor Profit 15% of (c)						
						Rs.	19.04
						Rs.	145.98
e	Add for Cess 1%						
	Per 1 Kg Iron with fitting fixing all					Rs.	1.46
						Rs.	147.44
						Rs.	147.40

*Block Development Officer
Dunguripali Block*

*Asst. Executive Engineer
Dunguripali Block*

*Junior Engineer
Dunguripali Block*

7218

4000	3800
989	900
2229	<u>2000</u>
	6700

518

WEO

B) Paints should be used as follows per 10M2

a) Primer 1 coat-

Wood 0.75lt.

Steel 0.54lt.

Plastered surface 0.84lt.

b) Painting wood and iron works

1coat 0.75lt.

2coats 1.25lts

8920.84
178.417

8920.84
8579

Completion of Mukhya Mantri Sabha Ghara at Dhanbasa, GP- Mayabarha

Sno	Item of the work	Unit	Qty	Rate	Amount
1	Earthwork excavation in hard soil with initial lead and initial lift including dressing and levelling the foundation bed and depositing the excavated earth away from worksite etc complete.	cum	10.58	198.10	2096.00
2	Supply & filling of sand in foundation and plinth with well watered and rammed including cost, conveyance and royalty of sand , T & P etc. complete.	cum	116.24	481.80	56004.00
3	Cement concrete (1:3:6) with 40 mm size hard granite metal including cost, conveyance, royalty of all materials ; T & P etc. complete.	cum	21.22	4790.30	101650.00
4	Brick masonry in foundation & superstructure in c. m. (1:6) using fly ash bricks including cost, conveyance, royalty of all materials, T & P etc. complete.				
a	Foundation	cum	4.97	4283.80	21290.00
b	Super structure	cum	69.88	4316.80	301658.00
5	RCC M-20 work with 20mm down grade course aggregate including hoisting and laying. with cost, conveyance, royalty of all materials, T & P etc. complete.				
a	Ground Floor	cum	60.83	5215.60	317265.00
6	Rigid and smooth centering & shuttering for RCC works including false works and dismantling then after casting including cost of materials complete in ground.				
a	Ground Floor				
	(i) Column,beam	sqm	162.58	761.20	123756.00
	(ii) Lintel	sqm	76.95	269.70	20753.00
	(iii) Roof Slab	sqm	199.58	442.50	88314.00
7	Supplying of H Y S D bar reinforcement in R.C.C. works with Labour charges for cutting, bending , binding of bars , including cost,conveyance & taxes of H Y S D bars and binding wire , T & P etc. complete.				
a	Ground Floor	Qntl	61.00	10335.35	630456.00
8	20 mm thick grading plaster in C:M (1:4) over roof slab including cost,conveyance and royalty etc complete.				
		sqm	186.44	238.80	44522.00
9	6mm thick cement plaster in cement mortar (1:4) to RCC surface finished smooth including deep chipping and slurry treatment including punning				

Slno	Item of the work	Unit	Qty	Rate	Amount
	including cost, conveyance & royalty of materials etc.	sqm	93.10	166.90	15538.00
10	12mm (½") thick cement plaster (1:6) finishing smooth to outside smooth surface of brick walls including cost, conveyance, royalties and taxes of all materials and cost of all labour charges .				
a	Ground Floor	sqm	261.49	149.80	39171.00
11	16mm (¾") thick cement plaster (1:6) finished smooth to inside rough surface including cost and conveyance, royalties and taxes of all materials and labour charges .				
a	Ground Floor	sqm	445.08	213.00	94802.00
12	Finishing wall surface of walls with Acrylic wall putty (Water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T&P etc complete				
		sqm	663.08	74.70	49532.00
13	Priming one coat over the finished wall surface,including cost, conveyance & taxes etc complete				
a	Ground Floor	sqm	949.28	61.60	58476.00
14	Wall painting with 2 coats with plastic emulsion paint of approved shade on new wrk to give an even shade including cost and conveyance, royalties and taxes of all materials and labour charges Etc complete				
a	Ground Floor	sqm	672.79	86.15	57961.00
15	Wall painting with 2 coats with weather coat of approved shade on new work to give an even shade including cost, taxes , conveyance etc complete.				
a	Ground Floor	sqm	276.49	83.50	23087.00
16	Supplying of M.S. Door & Window shutters including cost, conveyance & taxes of all labour & material etc complete.				
		Kg	1165.50	147.40	171795.00
17	Painting two coats over one coat of primer on new steel work including cost ,conveyance of material & labour charges.				
		sqm	47.16	199.80	9423.00
18	Supplying, fitting and fixing vetrified tile in floors of size 600mm x 600mm of approved make with application of polymer modified cement based water resistant adhesive bed of required thickness of 10mm and filling joints with				

Slno	Item of the work	Unit	Qty	Rate	Amount
	epoxy grout of approved				
a	Ground Floor	sqm	176.11	989.50	174261.00
19	Fixing tiles in floors,treads or steps and landing on 25mm thick bed of cement mortar 1:1 (1cement : 1sand) jointed with neat cement slury mixed pigment to match the shades of the tiles including rubbing and polishing complete excluding cost of precast tiles.				
a	Ground Floor	sqm	41.70	1038.70	43314.00
20	Supplying fitting & fixing of Stainless steel of 304 grade in hand railing using 50mm. Dia of 2 mm. thick circlar pipe with balustrade of size 2mm @ 0.90 m.c/c and stinless square pipe bracing of size 32mm.x32mm.x2mm. In 3 rows in case as per approved design and specification, buffing,polishing etc. with cost ,conveyance, taxes of all materials labour T & P etc. required for the	Rmt	14.64	3541.40	51846.00
21	Add Labour Registration charges				500.00
22	Contygency @1%				25318.00
23	Display Board & photograp				9000.00
					2531788.00