

Analysis

**OD/366/3515/275423/427528/00065611 : Construction of VSS building Ichhapur of Ichhapur
GP**

Block : Jhorigam, Gram Panchayat : Ichhapur

Created By: MADHUSUDAN MAJHI

Item 1

Earth Work (AR0102aa): Earth work in hard soil or gravelly soil foundation & plinth 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 0.3m in depth and as per the direction of the Engineer-in-charge

Sub-Item of Work

Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	25.8	Per day	462	11919.6	0
LR001 : Male mulia	25.8	Per day	462	11919.6	0

Total Amount (a+b+c)

23839.2

Total GST (a)

0

OVERHEAD CHARGES @ 7.5% (+)

1787.94

CONTRACTOR PROFIT @ 7.5% (+)

1922.0355

LABOUR CESS @ 1% (+)

275.491755

Grand Total

27824.667255

Say For Unit 1 (Grand Total/100)

278.24667255

Item 2

Earth Work (AR0115): Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.

Sub-Item of Work

Filling foundation and plinth with sand well watered and rammed

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	71.94	7194	0
LR002 : Female mulia	12.36	Per day	462	5710.32	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	406.21	40621	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	150.92	15092	0

Total Amount (a+b+c)	68617.32				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	5146.299				
CONTRACTOR PROFIT @ 7.5% (+)	5532.271425				
LABOUR CESS @ 1% (+)	792.95890425				
Grand Total	80088.84932925				
Say For Unit 1 (Grand Total/100)	800.8884932925				

Item 3
Concrete (AR0303): Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.
Sub-Item of Work Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR025 : Mason	0.18	Per day	562	101.16	0
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	2.5	Per day	462	1155	0
BRM340 : Cement	2.29	1 Qntl.	561	1284.69	231.2442
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	76.13	36.5424	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	995.25	955.44	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	36.677	83.99033	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	406.21	194.9808	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	471.31	452.4576	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	150.92	72.4416	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	176.5	169.44	0

Total Amount (a+b+c)	5152.94273
Total GST (a)	231.2442
OVERHEAD CHARGES @ 7.5% (+)	403.81401975
CONTRACTOR PROFIT @ 7.5% (+)	434.10007123125
LABOUR CESS @ 1% (+)	62.221010209812
Grand Total	6284.3220311911
Say For Unit 1 (Grand Total/1)	6284.3220311911

Item 4

Concrete (AR0307): Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specifaicon and direction of Engineer-in charge.

Sub-Item of Work

Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	3.2	Per day	462	1478.4	0
LR025 : Mason	0.68	Per day	562	382.16	0
BRM340 : Cement	3.23	1 Qntl.	561	1812.03	326.1654
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	76.13	34.2585	0
BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	1 Cum.	1396.62	1256.958	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.23	1 Qntl.	36.677	118.46671	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	406.21	182.7945	0
BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	1 Cum.	471.31	424.179	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.23	1 Qntl.	0	0	0

BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	150.92	67.914	0
BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	1 Cum.	176.5	158.85	0

Total Amount (a+b+c)	6562.81071
Total GST (a)	326.1654
OVERHEAD CHARGES @ 7.5% (+)	516.67320825
CONTRACTOR PROFIT @ 7.5% (+)	555.42369886875
LABOUR CESS @ 1% (+)	79.610730171187
Grand Total	8040.6837472899
Say For Unit 1 (Grand Total/1)	8040.6837472899

Item 5

R.C.C. Work (AR0404A): Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)

Sub-Item of Work

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
PM096 : Generator 33KVA Generation of Electric Energy 50KVA	0.4	per hour	700	280	0
PM083 : Concrete Mixer 04/0.28 cum Concrete Mixing 2.5cum/hour	0.4	per hour	229.55	91.82	0
LR001 : Male mulia	1.3333	Per day	462	615.9846	0
LR025 : Mason	0.1	Per day	562	56.2	0
LR010 : Mate	0.0573	Per day	512	29.3376	0
BRM340 : Cement	3.4733	1 Qntl.	561	1948.5213	350.733834
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	76.13	34.2585	0
BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	1418.67	510.7212	0
BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	1382.29	746.4366	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.4733	1 Qntl.	36.677	127.3902241	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	406.21	182.7945	0
BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	471.31	169.6716	0
BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	471.31	254.5074	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.4733	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	150.92	67.914	0
BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	176.5	63.54	0
BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	176.5	95.31	0

Total Amount (a+b+c)	5274.4075241
Total GST (a)	350.733834
OVERHEAD CHARGES @ 7.5% (+)	421.8856018575
CONTRACTOR PROFIT @ 7.5% (+)	453.52702199681
LABOUR CESS @ 1% (+)	65.005539819543
Grand Total	6565.5595217739
Say For Unit 1 (Grand Total/1)	6565.5595217739

Item 6

R.C.C. Work (AR0409): Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.

Sub-Item of Work

Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	8	Per day	462	3696	0
LR046 : Blacksmith	3	Per day	612	1836	0

LR010 : Mate	0.44	Per day	512	225.28	0
BRM162 : Binding Wire.	8	1 Kg.	90.1	720.8	0
BRM341 : Steel	10.5	1 Qntl.	6183.17	64923.285	11686.1913

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	10.5	1 Qntl.	36.677	385.1085	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	10.5	1 Qntl.	0	0	0

Total Amount (a+b+c)					71786.4735
Total GST (a)					11686.1913
OVERHEAD CHARGES @ 7.5% (+)					6260.44986
CONTRACTOR PROFIT @ 7.5% (+)					6729.9835995
LABOUR CESS @ 1% (+)					964.630982595
Grand Total					97427.729242095
Say For Unit 1 (Grand Total/10)					9742.7729242095

Item 7

R.C.C. Work (AR0410c): Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc

Sub-Item of Work

R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	58374.79	1558.606893	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	1.26	1Mtr.	30.81	38.8206	0
LR008 : Sangi mulia	0.5	Per day	512	256	0
LR027 : Carpenter	0.5	Per day	562	281	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	293.416	7.8342072	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00614	1Mtr.	293.416	1.80157424	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	0	0	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00614	1Mtr.	0	0	0

Total Amount (a+b+c)	2144.06327444
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	160.804745583
CONTRACTOR PROFIT @ 7.5% (+)	172.86510150173
LABOUR CESS @ 1% (+)	24.777331215247
Grand Total	2502.51045274
Say For Unit 1 (Grand Total/10)	250.251045274

Item 8
R.C.C. Work (AR0410e): Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. Lintels Data for 7.8 sqm
Sub-Item of Work First floor

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM094 : Non-sal bullahs 125mm. mean dia of any length.	2.52	1Mtr.	41.81	105.3612	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.04956	1Cum.	58374.79	2893.0545924	0
LR008 : Sangi mulia	1.5	Per day	512	768	0
LR027 : Carpenter	1.5	Per day	562	843	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.03312	1Mtr.	293.416	9.71793792	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.04956	1Cum.	293.416	14.54169696	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.03312	1Mtr.	0	0	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.04956	1Cum.	0	0	0

Total Amount (a+b+c)	4633.67542728
Total GST (a)	0

OVERHEAD CHARGES @ 7.5% (+)	347.525657046
CONTRACTOR PROFIT @ 7.5% (+)	373.59008132445
LABOUR CESS @ 1% (+)	53.547911656504
Grand Total	5408.339077307
Say For Unit 1 (Grand Total/7.8)	693.37680478294

Item 9

R.C.C. Work (AR0410d): Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, grider and bressmer, etc. Data for 4.2sqm

Sub-Item of Work

Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	2.32	1Mtr	51.87	120.3384	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0218	1Cum.	58374.79	1272.570422	0
LR008 : Sangi mulia	2.75	Per day	512	1408	0
LR027 : Carpenter	2.75	Per day	562	1545.5	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0238	1Mtr	293.416	6.9833008	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0218	1Cum.	293.416	6.3964688	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0238	1Mtr	0	0	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0218	1Cum.	0	0	0

Total Amount (a+b+c)	4359.7885916
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	326.98414437
CONTRACTOR PROFIT @ 7.5% (+)	351.50795519775
LABOUR CESS @ 1% (+)	50.382806911677
Grand Total	5088.6634980794
Say For Unit 1 (Grand Total/4.2)	1211.5865471618

Item 10

R.C.C. Work (AR0410b): Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. stairs excluding landing but including railing details for 5 Sqm

Sub-Item of Work

centering and shuttering fRigid and smooth or R.C.C. works including false works and dismantling them after casting

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.65	1Mtr.	41.81	27.1765	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	58374.79	1558.606893	0
LR008 : Sangi mulia	2.75	Per day	512	1408	0
LR027 : Carpenter	2.75	Per day	562	1545.5	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.0083	1Mtr.	293.416	2.4353528	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	293.416	7.8342072	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.0083	1Mtr.	0	0	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	0	0	0

Total Amount (a+b+c)	4549.552953
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	341.216471475
CONTRACTOR PROFIT @ 7.5% (+)	366.80770683562
LABOUR CESS @ 1% (+)	52.575771313106
Grand Total	5310.1529026237
Say For Unit 1 (Grand Total/5)	1062.0305805247

Item 11

R.C.C. Work (AR0410a): Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height

Sub-Item of Work

Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	5.6	1Mtr	51.87	290.472	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0452	1Cum.	58374.79	2638.540508	0
LR008 : Sangi mulia	2.75	Per day	512	1408	0
LR027 : Carpenter	2.75	Per day	562	1545.5	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.069	1Mtr	293.416	20.245704	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0452	1Cum.	293.416	13.2624032	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.069	1Mtr	0	0	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0452	1Cum.	0	0	0

Total Amount (a+b+c)	5916.0206152				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	443.70154614				
CONTRACTOR PROFIT @ 7.5% (+)	476.9791621005				
LABOUR CESS @ 1% (+)	68.367013234405				
Grand Total	6905.0683366749				
Say For Unit 1 (Grand Total/9)	767.2298151861				

Item 12
Masonry Brick Work (AR0603di): Brickwork with C.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm ² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.
Sub-Item of Work C.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) in superstructure

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.14	Per day	462	64.68	0
BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	1 Cum	33	33	0

BRM001 : Well burnt clamp burnt bricks (25 Cm. x 12Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm2 with dimensional tolerance \pm 8 percent.	350	1000 Nos	4.08377	1429.3195	0
BRM340 : Cement	1	1 Qntl.	561	561	100.98
LR001 : Male mulia	2.82	Per day	462	1302.84	0
LR025 : Mason	1.05	Per day	562	590.1	0
LR044 : Mason	0.35	Per day	612	214.2	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	76.13	21.3164	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM001 : Well burnt clamp burnt bricks (25 Cm. x 12Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm2 with dimensional tolerance \pm 8 percent.	350	1000 Nos	1.15865	405.5275	0
BRM340 : Cement	1	1 Qntl.	36.677	36.677	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	406.21	113.7388	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM001 : Well burnt clamp burnt bricks (25 Cm. x 12Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm2 with dimensional tolerance \pm 8 percent.	350	1000 Nos	0.06725	23.5375	0
BRM340 : Cement	1	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	150.92	42.2576	0

Total Amount (a+b+c)	4838.1943
Total GST (a)	100.98
OVERHEAD CHARGES @ 7.5% (+)	370.4380725
CONTRACTOR PROFIT @ 7.5% (+)	398.2209279375
LABOUR CESS @ 1% (+)	57.078333004375
Grand Total	5764.9116334419
Say For Unit 1 (Grand Total/1)	5764.9116334419

Item 13

Plastering (AR1004): 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.

Sub-Item of Work
12mm thick cement plaster (1:6) over Brick work in inside

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.05	Per day	462	23.1	0
LR001 : Male mulia	0.07	Per day	462	32.34	0
LR025 : Mason	0.14	Per day	562	78.68	0
BRM340 : Cement	0.0358	1 Qntl.	561	20.0838	3.615084
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	76.13	1.14195	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	36.677	1.3130366	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	406.21	6.09315	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	150.92	2.2638	0

Total Amount (a+b+c)	165.0157366				
Total GST (a)	3.615084				
OVERHEAD CHARGES @ 7.5% (+)	12.647311545				
CONTRACTOR PROFIT @ 7.5% (+)	13.595859910875				
LABOUR CESS @ 1% (+)	1.9487399205588				
Grand Total	196.82273197643				
Say For Unit 1 (Grand Total/1)	196.82273197643				

Item 14

Plastering (AR1014): 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.

Sub-Item of Work

16mm thick cement Plaster in CM (1:6) over brick work in inside.

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.11	Per day	462	50.82	0
LR001 : Male mulia	0.13	Per day	462	60.06	0
LR025 : Mason	0.16	Per day	562	89.92	0
BRM340 : Cement	0.043	1 Qntl.	561	24.123	4.34214
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	76.13	1.37034	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	36.677	1.577111	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	406.21	7.31178	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	150.92	2.71656	0

Total Amount (a+b+c)	237.898791				
Total GST (a)	4.34214				
OVERHEAD CHARGES @ 7.5% (+)	18.168069825				
CONTRACTOR PROFIT @ 7.5% (+)	19.530675061875				
LABOUR CESS @ 1% (+)	2.7993967588687				
Grand Total	282.73907264574				
Say For Unit 1 (Grand Total/1)	282.73907264574				

Item 15

Other Building Items. (AR1901B): Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)

Sub-Item of Work
Vitrified Tile 600mmx600mm Plain Ivory

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM174 : White Cement.	0.076	1Qntl	2017.18	153.30568	0
BRM340 : Cement	1.074	1 Qntl.	561	602.514	108.45252
BRM028 : Screened and washed sharp sand for mortar	0.21	1 Cum	76.13	15.9873	0
BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	651.08	6510.8	0
LR001 : Male mulia	2.16	Per day	462	997.92	0
LR044 : Mason	2.16	Per day	612	1321.92	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST

BRM174 : White Cement.	0.076	1Qntl	36.677	2.787452	0
BRM340 : Cement	1.074	1 Qntl.	36.677	39.391098	0
BRM028 : Screened and washed sharp sand for mortar	0.21	1 Cum	406.21	85.3041	0
BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	12.8738891	128.738891	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM174 : White Cement.	0.076	1Qntl	0	0	0
BRM340 : Cement	1.074	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.21	1 Cum	150.92	31.6932	0
BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	0	0	0

Total Amount (a+b+c)	9890.361721
Total GST (a)	108.45252
OVERHEAD CHARGES @ 7.5% (+)	749.911068075
CONTRACTOR PROFIT @ 7.5% (+)	806.15439818063
LABOUR CESS @ 1% (+)	115.54879707256
Grand Total	11670.428504328
Say For Unit 1 (Grand Total/10)	1167.0428504328

Item 16
Painting (AR0918c): Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)
Sub-Item of Work Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside)

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Painting (AR0918a)					
BRM143 : Cement paint	0.25	1 Kg.	47.83	11.9575	0
LR001 : Male mulia	0.032	Per day	462	14.784	0
LR048 : Painter/ Polisher	0.022	Per day	612	13.464	0
Combine :: Painting (AR0923b1041)					

LR001 : Male mulia	0.010752688172043	Per day	462	4.9677419354839	0
BRM340 : Cement	0.010763440860215	1 Qntl.	561	6.0382903225806	1.0868922580645
LR029 : Painter/ Polisher	0.0080645161290323	Per day	562	4.5322580645161	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM143 : Cement paint	0.25	1 Kg.	0.36677	0.0916925	0
BRM340 : Cement	0.010763440860215	1 Qntl.	36.677	0.39477072043011	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM143 : Cement paint	0.25	1 Kg.	0	0	0
BRM340 : Cement	0.010763440860215	1 Qntl.	0	0	0

Total Amount (a+b+c)	56.230253543011
Total GST (a)	1.0868922580645
OVERHEAD CHARGES @ 7.5% (+)	4.2987859350806
CONTRACTOR PROFIT @ 7.5% (+)	4.6211948802117
LABOUR CESS @ 1% (+)	0.66237126616368
Grand Total	66.899497882531
Say For Unit 1 (Grand Total/1)	66.899497882531

Item 17

Other Building Items. (AR1902): Finishing surface of walls with cement based 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. and as per the direction of Engineer in Charge.

Sub-Item of Work
cement based wall putty (water based)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRMMR0038 : Cement based putty	8	kg	30	240	0
LR001 : Male mulia	0.57	Per day	462	263.34	0
LR025 : Mason	0.5	Per day	562	281	0

Total Amount (a+b+c)	784.34
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	58.8255
CONTRACTOR PROFIT @ 7.5% (+)	63.2374125
LABOUR CESS @ 1% (+)	9.064029125

Grand Total	915.466941625
Say For Unit 1 (Grand Total/10)	91.5466941625

Item 18

Painting (AR0920): Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)

Sub-Item of Work

Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	1.25	1 Litre	249.34	311.675	0
LR048 : Painter/ Polisher	0.54	Per day	612	330.48	0
LR001 : Male mulia	0.64	Per day	462	295.68	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	1.25	1 Litre	0.36677	0.4584625	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	1.25	1 Litre	0	0	0

Total Amount (a+b+c)	938.2934625
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	70.3720096875
CONTRACTOR PROFIT @ 7.5% (+)	75.649910414063
LABOUR CESS @ 1% (+)	10.843153826016
Grand Total	1095.1585364276
Say For Unit 1 (Grand Total/10)	109.51585364276

Item 19

Iron Work (AR1704): Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.

Sub-Item of Work

Iron Doors and windows fixing

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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BRM341 : Steel	0.508	1 Qntl.	6183.17	3141.05036	565.3890648
LR001 : Male mulia	3.25	Per day	462	1501.5	0
LR011 : Helper to carpenter or Blacksmith/ Painter/ Blaster/Plumber/ Electrician/ Fitter/Welder	1	Per day	512	512	0
LR028 : Fitter	1	Per day	562	562	0
LR047 : Fitter	1	Per day	612	612	0
LR026 : Black smith	1	Per day	562	562	0
LR046 : Blacksmith	0.75	Per day	612	459	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	36.677	18.631916	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	0	0	0

Total Amount (a+b+c)	7368.182276
Total GST (a)	565.3890648
OVERHEAD CHARGES @ 7.5% (+)	595.01785056
CONTRACTOR PROFIT @ 7.5% (+)	639.644189352
LABOUR CESS @ 1% (+)	91.68233380712
Grand Total	9259.9157145191
Say For Unit 1 (Grand Total/0.508)	18228.180540392

Item 20

Painting (AR0901bi): Priming one coat in outer surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

Sub-Item of Work

Priming one coat in outer surface with primer of approved quality over iron work

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	0.5	Per day	612	306	0
BRM137 : Red oxide Primer	0.5022	1 Litre	137.6	69.10272	0
LR001 : Male mulia	0.5	Per day	462	231	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM137 : Red oxide Primer	0.5022	1 Litre	0.36677	0.184191894	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM137 : Red oxide Primer	0.5022	1 Litre	0	0	0

Total Amount (a+b+c)	606.286911894				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	45.47151839205				
CONTRACTOR PROFIT @ 7.5% (+)	48.881882271454				
LABOUR CESS @ 1% (+)	7.006403125575				
Grand Total	707.64671568308				
Say For Unit 1 (Grand Total/9.3)	76.091044697105				

Item 21

Other Building Items. (AR1911): Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge

Sub-Item of Work

Stainless steel of 304 grade in hand railing using 50mm dia of 2mm

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR011 : Helper to carpenter or Blacksmith/ Painter/ Blaster/Plumber/ Electrician/ Fitter/Welder	0.89	Per day	512	455.68	0
LR047 : Fitter	0.89	Per day	612	544.68	0
BRMMR0024 : Buffing, Polishing etc.	1	L.S.	178.42	178.42	0
BRMMR0023 : Fabrication	34.16	kg	10	341.6	0
BRMMR0022 : Stainless steel square pipe bracing of size 32mmx32mmx2mm in 3 rows	16.63	kg	256.62	4267.5906	0
BRMMR0021 : Balustrade of size 30mmx32mmx2mm	6.12	kg	256.62	1570.5144	0
BRMMR0020 : Railing 50mm outer dia of 2mm thick	11.41	kg	240.24	2741.1384	0

Total Amount (a+b+c)	10099.6234				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	757.471755				
CONTRACTOR PROFIT @ 7.5% (+)	814.282136625				

LABOUR CESS @ 1% (+)	116.71377291625
Grand Total	11788.091064541
Say For Unit 1 (Grand Total/3.26)	3615.9788541538

Sri Kranti Kumar Pattanayak
JE
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Bineet Kumar Mishra
AEE
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MADHUSUDAN MAJHI
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