

## Analysis

**OD/363/3475/119860/428553/00069473 : Const. of Bhoga Mandap at Kurumuli**  
**Block : Laxmipur, Gram Panchayat : Kusumguda**  
**Created By: SABYASACHI BEHERA**

<b>Item 1</b>
<b>Earth Work (AR0115):</b> 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 <b>Filling foundation and plinth with sand well watered and rammed</b>

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	627.55	62755	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	46.25	4625	0

<b>Total Amount (a+b+c)</b>	80284.32
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	6021.324
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	6472.9233
<b>LABOUR CESS @ 1% (+)</b>	927.785673
<b>Grand Total</b>	93706.352973
<b>Say For Unit 1 (Grand Total/100)</b>	937.06352973

<b>Item 2</b>
<b>Plastering (AR1004):</b> 12mm thick cement plster (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 <b>12mm thick cement plster (1:6) over Brick work in inside</b>

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.	547.5	19.6005	3.52809
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	75.86	1.1379	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	33.11	1.185338	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	627.55	9.41325	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	46.25	0.69375	0

<b>Total Amount (a+b+c)</b>	166.150738
<b>Total GST (a)</b>	3.52809
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	12.7259121
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	13.6803555075
<b>LABOUR CESS @ 1% (+)</b>	1.960850956075
<b>Grand Total</b>	198.04594656358
<b>Say For Unit 1 (Grand Total/1)</b>	198.04594656358

#### Item 3

**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.	547.5	23.5425	4.23765
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	75.86	1.36548	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	33.11	1.42373	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	627.55	11.2959	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	46.25	0.8325	0

<b>Total Amount (a+b+c)</b>	239.26011				
<b>Total GST (a)</b>	4.23765				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	18.262332				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	19.6320069				
<b>LABOUR CESS @ 1% (+)</b>	2.813920989				
<b>Grand Total</b>	284.206019889				
<b>Say For Unit 1 (Grand Total/1)</b>	284.206019889				

**Item 4**

**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.	198.296	5.2945032	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00614	1Mtr.	198.296	1.21753744	0

**c) Royalty Rate Details**

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

<b>Total Amount (a+b+c)</b>	2140.93953364
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	160.570465023
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	172.61324989972
<b>LABOUR CESS @ 1% (+)</b>	24.741232485627
<b>Grand Total</b>	2498.8644810484
<b>Say For Unit 1 (Grand Total/10)</b>	249.88644810484

### Item 5

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

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0238	1Mtr	198.296	4.7194448	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0218	1Cum.	198.296	4.3228528	0

#### c) Royalty Rate Details

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

<b>Total Amount (a+b+c)</b>	4355.4511196
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	326.65883397
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	351.15824651775

<b>LABOUR CESS @ 1% (+)</b>	50.332682000878
<b>Grand Total</b>	5083.6008820886
<b>Say For Unit 1 (Grand Total/4.2)</b>	1210.3811624021

### Item 6

**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

**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
<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	2.1	1Mtr.	41.81	87.801	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0413	1Cum.	58374.79	2410.878827	0
<b>LR008</b> : Sangi mulia	1.25	Per day	512	640	0
<b>LR027</b> : Carpenter	1.25	Per day	562	702.5	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	0.0276	1Mtr.	198.296	5.4729696	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0413	1Cum.	198.296	8.1896248	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	0.0276	1Mtr.	0	0	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0413	1Cum.	0	0	0

<b>Total Amount (a+b+c)</b>	3854.8424214
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	289.113181605
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	310.79667022538
<b>LABOUR CESS @ 1% (+)</b>	44.547522732304
<b>Grand Total</b>	4499.2997959627
<b>Say For Unit 1 (Grand Total/7.8)</b>	576.8333071747

### Item 7

**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
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	5.6	1Mtr	51.87	290.472	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0452	1Cum.	58374.79	2638.540508	0
<b>LR008</b> : Sangi mulia	2.75	Per day	512	1408	0
<b>LR027</b> : Carpenter	2.75	Per day	562	1545.5	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.069	1Mtr	198.296	13.682424	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0452	1Cum.	198.296	8.9629792	0

**c) Royalty Rate Details**

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

**Total Amount (a+b+c)**

5905.1579112

**Total GST (a)**

0

**OVERHEAD CHARGES @ 7.5% (+)**

442.88684334

**CONTRACTOR PROFIT @ 7.5% (+)**

476.1033565905

**LABOUR CESS @ 1% (+)**

68.241481111305

**Grand Total**

6892.3895922418

**Say For Unit 1 (Grand Total/9)**

765.82106580465

**Item 8**

**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
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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.	6197.51	65073.855	11713.2939

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	10.5	1 Qntl.	33.11	347.655	0

#### c) Royalty Rate Details

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

<b>Total Amount (a+b+c)</b>	71899.59
<b>Total GST (a)</b>	11713.2939
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	6270.9662925
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	6741.2887644375
<b>LABOUR CESS @ 1% (+)</b>	966.25138956938
<b>Grand Total</b>	97591.390346507
<b>Say For Unit 1 (Grand Total/10)</b>	9759.1390346507

#### Item 9

**Flooring (AR0817aa):** Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.

Sub-Item of Work

**Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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
BRMMR0027 : Wax Polish	10	1 Sqm	8.5	85	0
LR044 : Mason	3.25	Per day	612	1989	0
LR001 : Male mulia	3.25	Per day	462	1501.5	0

<b>LR008</b> : Sangi mulia	7.6	Per day	512	3891.2	0
<b>BRM340</b> : Cement	1.375	1 Qntl.	547.5	752.8125	135.50625
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	75.86	11.379	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM131</b> : 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.	11.8920557	118.920557	0
<b>BRM340</b> : Cement	1.375	1 Qntl.	33.11	45.52625	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	627.55	94.1325	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM131</b> : 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
<b>BRM340</b> : Cement	1.375	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	46.25	6.9375	0

<b>Total Amount (a+b+c)</b>	15007.208307
<b>Total GST (a)</b>	135.50625
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	1135.703591775
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	1220.8813611581
<b>LABOUR CESS @ 1% (+)</b>	174.99299509933
<b>Grand Total</b>	17674.292505032
<b>Say For Unit 1 (Grand Total/10)</b>	1767.4292505032

**Item 10**

**Concrete (AR0303a):** Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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. hard granite(Hand Broken) metal**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
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LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	2.5	Per day	462	1155	0
LR025 : Mason	0.18	Per day	562	101.16	0
BRM340 : Cement	2.29	1 Qntl.	547.5	1253.775	225.6795
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	75.86	36.4128	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	787.36	755.8656	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	33.11	75.8219	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	627.55	301.224	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	419.23	402.4608	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	46.25	22.2	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	377.5	362.4	0

<b>Total Amount (a+b+c)</b>	5113.1201
<b>Total GST (a)</b>	225.6795
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	400.40997
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	430.44071775
<b>LABOUR CESS @ 1% (+)</b>	61.6965028775
<b>Grand Total</b>	6231.3467906275
<b>Say For Unit 1 (Grand Total/1)</b>	6231.3467906275

#### Item 11

**Concrete (AR0317):** 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specification and direction of Engineer-in charge. (new work)

Sub-Item of Work

**2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	0.36	Per day	462	166.32	0
LR044 : Mason	0.1	Per day	612	61.2	0
BRM340 : Cement	0.1208	1 Qntl.	547.5	66.138	11.90484

<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0169	1 Cum	75.86	1.282034	0
<b>BRM064</b> : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	850.2	14.36838	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.1208	1 Qntl.	33.11	3.999688	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0169	1 Cum	627.55	10.605595	0
<b>BRM064</b> : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	419.23	7.084987	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.1208	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0169	1 Cum	46.25	0.781625	0
<b>BRM064</b> : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	377.5	6.37975	0

<b>Total Amount (a+b+c)</b>	338.160059
<b>Total GST (a)</b>	11.90484
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	26.254867425
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	28.223982481875
<b>LABOUR CESS @ 1% (+)</b>	4.0454374890687
<b>Grand Total</b>	408.58918639594
<b>Say For Unit 1 (Grand Total/1)</b>	408.58918639594

#### Item 12

**Plastering (AR1008):** 20mm thick cement Plaster in CM (1:6) for stone 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

**20mm thick cement Plaster in CM (1:6) over brick work in inside.**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>LR002</b> : Female mulia	0.11	Per day	462	50.82	0
<b>LR001</b> : Male mulia	0.13	Per day	462	60.06	0
<b>LR025</b> : Mason	0.16	Per day	562	89.92	0
<b>BRM340</b> : Cement	0.057	1 Qntl.	547.5	31.2075	5.61735

BRM028 : Screened and washed sharp sand for mortar	0.021	1 Cum	75.86	1.59306	0
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#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.057	1 Qntl.	33.11	1.88727	0
BRM028 : Screened and washed sharp sand for mortar	0.021	1 Cum	627.55	13.17855	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.057	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.021	1 Cum	46.25	0.97125	0

<b>Total Amount (a+b+c)</b>	249.63763
<b>Total GST (a)</b>	5.61735
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	19.1441235
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	20.5799327625
<b>LABOUR CESS @ 1% (+)</b>	2.949790362625
<b>Grand Total</b>	297.92882662512
<b>Say For Unit 1 (Grand Total/1)</b>	297.92882662512

#### Item 13

**R.C.C. Work (AR0404B):** R.C.C. work of M-20 grade with 20mm & downgrade 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(Nominal mix as per IS-456, Table-9).

Sub-Item of Work

**Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips.(Nominal mix as per IS-456, Table-9).**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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
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

<b>LR025</b> : Mason	0.1	Per day	562	56.2	0
<b>LR010</b> : Mate	0.0573	Per day	512	29.3376	0
<b>BRM340</b> : Cement	3.4733	1 Qntl.	547.5	1901.63175	342.293715
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	75.86	34.137	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM060</b> : 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.	419.23	150.9228	0
<b>BRM052</b> : 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.	419.23	226.3842	0
<b>BRM340</b> : Cement	3.4733	1 Qntl.	33.11	115.000963	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	627.55	282.3975	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM060</b> : 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.	377.5	135.9	0
<b>BRM052</b> : 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.	377.5	203.85	0
<b>BRM340</b> : Cement	3.4733	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	46.25	20.8125	0

<b>Total Amount (a+b+c)</b>	5401.536713
<b>Total GST (a)</b>	342.293715
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	430.7872821
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	463.0963282575
<b>LABOUR CESS @ 1% (+)</b>	66.377140383575
<b>Grand Total</b>	6704.0911787411
<b>Say For Unit 1 (Grand Total/1)</b>	6704.0911787411

**Item 14**

**Masonry Brick Work (AR0603ci):** Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm<sup>2</sup> with dimensional tolerance  $\pm 8$  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

**Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) 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
BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance $\pm 2$ %	400	1000 Nos	4.55488	1821.952	0
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
BRM340 : Cement	0.672	1 Qntl.	547.5	367.92	66.2256
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	75.86	21.2408	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance $\pm 2$ %	400	1000 Nos	0.856228	342.4912	0
BRM340 : Cement	0.672	1 Qntl.	33.11	22.24992	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	627.55	175.714	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance $\pm 2$ %	400	1000 Nos	0	0	0
BRM340 : Cement	0.672	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	46.25	12.95	0

**Total Amount (a+b+c)**

4969.33792

**Total GST (a)**

66.2256

**OVERHEAD CHARGES @ 7.5% (+)**

377.667264

**CONTRACTOR PROFIT @ 7.5% (+)**

405.9923088

**LABOUR CESS @ 1% (+)**

58.192230928

**Grand Total**

5877.415323728

Say For Unit 1 (Grand Total/1)	5877.415323728
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<b>Item 15</b>
<b>Other Building Items. (AR1901B):</b> 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 <b>Vitrified Tile 600mmx600mm Plain Ivory</b>

<b>a) Specific Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM174</b> : White Cement.	0.076	1Qntl	2017.18	153.30568	0
<b>BRM340</b> : Cement	1.074	1 Qntl.	547.5	588.015	105.8427
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.21	1 Cum	75.86	15.9306	0
<b>BRM131</b> : 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
<b>LR001</b> : Male mulia	2.16	Per day	462	997.92	0
<b>LR044</b> : Mason	2.16	Per day	612	1321.92	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM174</b> : White Cement.	0.076	1Qntl	33.11	2.51636	0
<b>BRM340</b> : Cement	1.074	1 Qntl.	33.11	35.56014	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.21	1 Cum	627.55	131.7855	0
<b>BRM131</b> : 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.	11.8920557	118.920557	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM174</b> : White Cement.	0.076	1Qntl	0	0	0
<b>BRM340</b> : Cement	1.074	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.21	1 Cum	46.25	9.7125	0
<b>BRM131</b> : 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

<b>Total Amount (a+b+c)</b>	9886.386337
<b>Total GST (a)</b>	105.8427
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	749.417177775
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	805.62346610812
<b>LABOUR CESS @ 1% (+)</b>	115.47269680883
<b>Grand Total</b>	11662.742377692
<b>Say For Unit 1 (Grand Total/10)</b>	1166.2742377692

### Item 16

**Painting (AR0901d):** Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces 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 with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	159.03	124.234236	0
<b>LR048</b> : Painter/ Polisher	0.5	Per day	612	306	0
<b>LR001</b> : Male mulia	0.5	Per day	462	231	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	0.3311	0.25865532	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	0	0	0

<b>Total Amount (a+b+c)</b>	661.49289132
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	49.611966849
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	53.332864362675
<b>LABOUR CESS @ 1% (+)</b>	7.6443772253167
<b>Grand Total</b>	772.08209975699
<b>Say For Unit 1 (Grand Total/9.3)</b>	83.019580619031

### Item 17

**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	0.3311	0.413875	0

**c) Royalty Rate Details**

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

<b>Total Amount (a+b+c)</b>	938.248875
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	70.368665625
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	75.646315546875
<b>LABOUR CESS @ 1% (+)</b>	10.842638561719
<b>Grand Total</b>	1095.1064947336
<b>Say For Unit 1 (Grand Total/10)</b>	109.51064947336

**Item 18**

**Earth Work (AR0103aa):** Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department

Sub-Item of Work

**Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	40.236	Per day	462	18589.032	0
LR001 : Male mulia	40.236	Per day	462	18589.032	0

<b>Total Amount (a+b+c)</b>	37178.064
<b>Total GST (a)</b>	0

<b>OVERHEAD CHARGES @ 7.5% (+)</b>	2788.3548
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	2997.48141
<b>LABOUR CESS @ 1% (+)</b>	429.6390021
<b>Grand Total</b>	43393.5392121
<b>Say For Unit 1 (Grand Total/100)</b>	433.935392121

### Item 19

**Plastering (AR1033):** White washing two coats with stone lime in any surface including all costs of labour, coaltar and brushes required for the work etc. complete and as per direction of Engineer-in-charge.

Sub-Item of Work

**White washing two coats with stone lime in any surface**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	0.75	Per day	462	346.5	0
LR029 : Painter/ Polisher	1	Per day	562	562	0
BRM031 : Stone lime unslaked.	106.88	1 Kg.	21.86	2336.3968	0

**Total Amount (a+b+c)**

3244.8968

**Total GST (a)**

0

**OVERHEAD CHARGES @ 7.5% (+)**

243.36726

**CONTRACTOR PROFIT @ 7.5% (+)**

261.6198045

**LABOUR CESS @ 1% (+)**

37.498838645

**Grand Total**

3787.382703145

**Say For Unit 1 (Grand Total/93)**

40.724545195108

### Item 20

**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
BRM341 : Steel	0.508	1 Qntl.	6197.51	3148.33508	566.7003144
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.	33.11	16.81988	0

**c) Royalty Rate Details**

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

<b>Total Amount (a+b+c)</b>					7373.65496
<b>Total GST (a)</b>					566.7003144
<b>OVERHEAD CHARGES @ 7.5% (+)</b>					595.52664558
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>					640.1911439985
<b>LABOUR CESS @ 1% (+)</b>					91.760730639785
<b>Grand Total</b>					9267.8337946183
<b>Say For Unit 1 (Grand Total/0.508)</b>					18243.767312241

**GIRIJA SANKAR PATI**  
**JE**  
**Laxmipur Block**

**MUVALA PAWAN KUMAR**  
**AEE**  
**Laxmipur Block**

**SABYASACHI BEHERA**  
**BDO**  
**Laxmipur Block**