

## Analysis

**OD/347/3312/116377/380634/00016498 : Improvement/Completion Of Shiba Kalyan Mandap  
At Ruhunia  
Block : Bargarh, Gram Panchayat : Dhanger  
Created By:Admin**

### 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

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

238.392

**Grand Total**

24077.592

**Say For Unit 1 (Grand Total/100)**

240.77592

### 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	60.3	6030	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	341.11	34111	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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BRM029 : Sand for filling and road blinding	100	1 Cum	165.25	16525	0
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<b>Total Amount (a+b+c)</b>	62376.32
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	623.7632
<b>Grand Total</b>	63000.0832
<b>Say For Unit 1 (Grand Total/100)</b>	630.000832

<b>Item 3</b>
<b>Concrete (AR0303):</b> 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 <b>Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>

<b>a) Specific Rate Details</b>					
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.	536.56	1228.7224	344.042272
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	67.93	32.6064	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	948.18	910.2528	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	30.732	70.37628	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	341.11	163.7328	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	341.11	327.4656	0

<b>c) Royalty Rate Details</b>					
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	165.25	79.32	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	249.5	239.52	0

<b>Total Amount (a+b+c)</b>	4954.95628
<b>Total GST (a)</b>	344.042272
<b>LABOUR CESS @ 1% (+)</b>	52.98998552
<b>Grand Total</b>	5351.98853752

<b>Say For Unit 1 (Grand Total/1)</b>	5351.98853752
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**Item 4**

**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.	536.56	19.208848	5.37847744
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	67.93	1.01895	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	30.732	1.1002056	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	341.11	5.11665	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	165.25	2.47875	0

<b>Total Amount (a+b+c)</b>	163.0434036
<b>Total GST (a)</b>	5.37847744
<b>LABOUR CESS @ 1% (+)</b>	1.6842188104
<b>Grand Total</b>	170.1060998504
<b>Say For Unit 1 (Grand Total/1)</b>	170.1060998504

**Item 5**

**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.	536.56	23.07208	6.4601824
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	67.93	1.22274	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	30.732	1.321476	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	341.11	6.13998	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	165.25	2.9745	0

<b>Total Amount (a+b+c)</b>					235.530776
<b>Total GST (a)</b>					6.4601824
<b>LABOUR CESS @ 1% (+)</b>					2.419909584
<b>Grand Total</b>					244.410867984
<b>Say For Unit 1 (Grand Total/1)</b>					244.410867984

**Item 6**

**Masonry Brick Work (AR0603b):** Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth 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 foundation and plinth**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.14	Per day	462	64.68	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.	536.56	360.56832	100.9591296

<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1 Cum	67.93	19.0204	0
<b>BRM005</b> : 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 $\pm 2\%$	350	1000 Nos	5.14255	1799.8925	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.672	1 Qntl.	30.732	20.651904	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1 Cum	341.11	95.5108	0
<b>BRM005</b> : 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 $\pm 2\%$	350	1000 Nos	1.01135	353.9725	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.672	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1 Cum	165.25	46.27	0
<b>BRM005</b> : 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 $\pm 2\%$	350	1000 Nos	0.04025	14.0875	0

<b>Total Amount (a+b+c)</b>	4881.793924
<b>Total GST (a)</b>	100.9591296
<b>LABOUR CESS @ 1% (+)</b>	49.827530536
<b>Grand Total</b>	5032.580584136
<b>Say For Unit 1 (Grand Total/1)</b>	5032.580584136

**Item 7**

**R.C.C. Work (AR0404Aa):** 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)

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
<b>Combine :: R.C.C. Work (AR0404A)</b>					
<b>PM096</b> : Generator 33KVA Generation of Electric Energy 50KVA	0.4	per hour	700	280	0
<b>PM083</b> : Concrete Mixer 04/0.28 cum Concrete Mixing 2.5cum/hour	0.4	per hour	229.55	91.82	0
<b>LR001</b> : 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.	536.56	1863.633848	521.81747744
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	67.93	30.5685	0
<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.	1409.65	507.474	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.	1341.54	724.4316	0
<b>Combine :: R.C.C. Work (AR0410c)</b>					
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	1Cum.	58374.79	233.79103395	0
<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.189	1Mtr.	30.81	5.82309	0
<b>LR008</b> : Sangi mulia	0.075	Per day	512	38.4	0
<b>LR027</b> : Carpenter	0.075	Per day	562	42.15	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.4733	1 Qntl.	30.732	106.7414556	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	341.11	153.4995	0
<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.	341.11	122.7996	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.	341.11	184.1994	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	1Cum.	245.856	0.98465328	0
<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.000921	1Mtr.	245.856	0.226433376	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<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	165.25	74.3625	0
<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.	249.5	89.82	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.	249.5	134.73	0

<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	1Cum.	0	0	0
<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.000921	1Mtr.	0	0	0
<b>Total Amount (a+b+c)</b>	5386.977814206				
<b>Total GST (a)</b>	521.81747744				
<b>LABOUR CESS @ 1% (+)</b>	59.08795291646				
<b>Grand Total</b>	5967.8832445625				
<b>Say For Unit 1 (Grand Total/1)</b>	5967.8832445625				

### Item 8

**R.C.C. Work (AR0404Ab):** 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)

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
<b>Combine :: R.C.C. Work (AR0404A)</b>					
<b>PM096</b> : Generator 33KVA Generation of Electric Energy 50KVA	0.4	per hour	700	280	0
<b>PM083</b> : Concrete Mixer 04/0.28 cum Concrete Mixing 2.5cum/hour	0.4	per hour	229.55	91.82	0
<b>LR001</b> : 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.	536.56	1863.633848	521.81747744
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	67.93	30.5685	0
<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.	1409.65	507.474	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.	1341.54	724.4316	0
<b>Combine :: R.C.C. Work (AR0410c)</b>					
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	1Cum.	58374.79	779.3034465	0
<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.63	1Mtr.	30.81	19.4103	0

LR008 : Sangi mulia	0.25	Per day	512	128	0
LR027 : Carpenter	0.25	Per day	562	140.5	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.4733	1 Qntl.	30.732	106.7414556	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	341.11	153.4995	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.	341.11	122.7996	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.	341.11	184.1994	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	1Cum.	245.856	3.2821776	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00307	1Mtr.	245.856	0.75477792	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	165.25	74.3625	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.	249.5	89.82	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.	249.5	134.73	0
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	1Cum.	0	0	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00307	1Mtr.	0	0	0

<b>Total Amount (a+b+c)</b>	6136.85330562
<b>Total GST (a)</b>	521.81747744
<b>LABOUR CESS @ 1% (+)</b>	66.5867078306
<b>Grand Total</b>	6725.2574908906
<b>Say For Unit 1 (Grand Total/1)</b>	6725.2574908906

**Item 9**

**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 specifaion and direction of Engineer-in charge.

Sub-Item of Work

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

<b>a) Specific Rate Details</b>						
<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>	
<b>LR002</b> : Female mulia	1.4	Per day	462	646.8	0	
<b>LR001</b> : Male mulia	3.2	Per day	462	1478.4	0	
<b>LR025</b> : Mason	0.68	Per day	562	382.16	0	
<b>BRM340</b> : Cement	3.23	1 Qntl.	536.56	1733.0888	485.264864	
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	67.93	30.5685	0	
<b>BRM056</b> : 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>b) Carriage Rate Details</b>						
<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>	
<b>BRM340</b> : Cement	3.23	1 Qntl.	30.732	99.26436	0	
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	341.11	153.4995	0	
<b>BRM056</b> : 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.	341.11	306.999	0	

<b>c) Royalty Rate Details</b>						
<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>	
<b>BRM340</b> : Cement	3.23	1 Qntl.	0	0	0	
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	165.25	74.3625	0	
<b>BRM056</b> : 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.	249.5	224.55	0	

<b>Total Amount (a+b+c)</b>	6386.65066					
<b>Total GST (a)</b>	485.264864					
<b>LABOUR CESS @ 1% (+)</b>	68.71915524					
<b>Grand Total</b>	6940.63467924					
<b>Say For Unit 1 (Grand Total/1)</b>	6940.63467924					

<b>Item 10</b>
<b>Iron Work (AR1701):</b> Labour for hoisting joints, trusses and placing in position with all cost of labour and machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.

Sub-Item of Work  
**Labour for hoisting joints, trusses and placing in position**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	0.17	Per day	462	78.54	0
LR008 : Sangi mulia	1	Per day	512	512	0

<b>Total Amount (a+b+c)</b>	590.54
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	5.9054
<b>Grand Total</b>	596.4454
<b>Say For Unit 1 (Grand Total/0.508)</b>	1174.1051181102

**Item 11**

**Iron Work (AR1703):** Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.

Sub-Item of Work  
**Iron work wrought and put up in trusses and record racks**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	6595.53	3350.52924	603.0952632
LR001 : Male mulia	2.5	Per day	462	1155	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
LR026 : Black smith	1.25	Per day	562	702.5	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	30.732	15.611856	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>	6297.641096
<b>Total GST (a)</b>	603.0952632
<b>LABOUR CESS @ 1% (+)</b>	69.007363592

<b>Grand Total</b>	6969.743722792
<b>Say For Unit 1 (Grand Total/0.508)</b>	13719.967958252

### Item 12

**Roofing (AR1132i):** Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge

Sub-Item of Work

**Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM150</b> : G.C.I. Sheet 0.40mm thick	9.3	1 Sqm.	333.12	3098.016	0
<b>LR001</b> : Male mulia	2	Per day	462	924	0
<b>LR047</b> : Fitter	1	Per day	612	612	0
<b>LR045</b> : Carpenter	0.5	Per day	612	306	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM150</b> : G.C.I. Sheet 0.40mm thick	9.3	1 Sqm.	1.0110828	9.40307004	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM150</b> : G.C.I. Sheet 0.40mm thick	9.3	1 Sqm.	0	0	0

<b>Total Amount (a+b+c)</b>	4949.41907004
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	49.4941907004
<b>Grand Total</b>	4998.9132607404
<b>Say For Unit 1 (Grand Total/9.3)</b>	537.51755491832

### Item 13

**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
<b>LR048</b> : Painter/ Polisher	0.5	Per day	612	306	0
<b>BRM137</b> : Red oxide Primer	0.5022	1 Litre	142.7	71.66394	0

LR001 : Male mulia	0.5	Per day	462	231	0
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**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM137 : Red oxide Primer	0.5022	1 Litre	0.30732	0.154336104	0

**c) Royalty Rate Details**

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

<b>Total Amount (a+b+c)</b>	608.818276104
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	6.08818276104
<b>Grand Total</b>	614.90645886504
<b>Say For Unit 1 (Grand Total/9.3)</b>	66.11897407151

**Item 14**

**Painting (AR0901c):** Priming one coat with inner surface primer of approved quality oil-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 oil-bound primer over plastering surfaces (Inner surface)**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.7812	1 Ltr	125.5	98.0406	0
LR048 : Painter/ Polisher	0.5	Per day	612	306	0
LR001 : Male mulia	0.5	Per day	462	231	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.7812	1 Ltr	0.30732	0.240078384	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.7812	1 Ltr	0	0	0

<b>Total Amount (a+b+c)</b>	635.280678384
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	6.35280678384
<b>Grand Total</b>	641.63348516784
<b>Say For Unit 1 (Grand Total/9.3)</b>	68.99284786751

**Item 15**

**Painting (AR0918f):** Finishing wall with two coat weather coat paint of approved shade in the outer surface of old 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  
**First Floor**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	1.25	1 Ltr	194.79	243.4875	0
LR001 : Male mulia	0.672	Per day	462	310.464	0
LR048 : Painter/ Polisher	0.567	Per day	612	347.004	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	1.25	1 Ltr	0.30732	0.38415	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	1.25	1 Ltr	0	0	0

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

901.33965

**Total GST (a)**

0

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

9.0133965

**Grand Total**

910.3530465

**Say For Unit 1 (Grand Total/10)**

91.03530465

**Item 16**

**Flooring (AR0816d):** Fixing Kota Tiles of minimum 16 mm thick Above 0.10 Sqm in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the kota tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

Sub-Item of Work

**Fixing Kota Tiles of minimum 16 mm thick Above 0.10 Sqm in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM121 : Kota Tiles of minimum 16 mm thick (Above 0.10 Sqm)	10	1 Sqm.	500.2	5002	0
BRMMR0027 : Wax Polish	10	1 Sqm	8.5	85	0
LR001 : Male mulia	2.16	Per day	462	997.92	0
LR044 : Mason	2.16	Per day	612	1321.92	0

LR008 : Sangi mulia	5.5	Per day	512	2816	0
BRM340 : Cement	2.737	1 Qntl.	536.56	1468.56472	411.1981216
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	67.93	8.8309	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM121 : Kota Tiles of minimum 16 mm thick (Above 0.10 Sqm)	10	1 Sqm.	11.2375001	112.375001	0
BRM340 : Cement	2.737	1 Qntl.	30.732	84.113484	0
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	341.11	44.3443	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM121 : Kota Tiles of minimum 16 mm thick (Above 0.10 Sqm)	10	1 Sqm.	3.31	33.1	0
BRM340 : Cement	2.737	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	165.25	21.4825	0

<b>Total Amount (a+b+c)</b>	11995.650905
<b>Total GST (a)</b>	411.1981216
<b>LABOUR CESS @ 1% (+)</b>	124.068490266
<b>Grand Total</b>	12530.917516866
<b>Say For Unit 1 (Grand Total/10)</b>	1253.0917516866

**Item 17**

**Masonry Brick Work (AR0603bi):** Brickwork with Flyash 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<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
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.	536.56	360.56832	100.9591296

<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1 Cum	67.93	19.0204	0
<b>BRM005</b> : 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 $\pm 2\%$	350	1000 Nos	5.14255	1799.8925	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.672	1 Qntl.	30.732	20.651904	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1 Cum	341.11	95.5108	0
<b>BRM005</b> : 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 $\pm 2\%$	350	1000 Nos	1.01135	353.9725	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.672	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1 Cum	165.25	46.27	0
<b>BRM005</b> : 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 $\pm 2\%$	350	1000 Nos	0.04025	14.0875	0

<b>Total Amount (a+b+c)</b>	4914.793924
<b>Total GST (a)</b>	100.9591296
<b>LABOUR CESS @ 1% (+)</b>	50.157530536
<b>Grand Total</b>	5065.910584136
<b>Say For Unit 1 (Grand Total/1)</b>	5065.910584136

**Item 18**

**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
<b>LR001</b> : Male mulia	8	Per day	462	3696	0
<b>LR046</b> : Blacksmith	3	Per day	612	1836	0
<b>LR010</b> : Mate	0.44	Per day	512	225.28	0
<b>BRM162</b> : Binding Wire.	8	1 Kg.	90.1	720.8	0
<b>BRM341</b> : Steel	10.5	1 Qntl.	6595.53	69253.065	12465.5517

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
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BRM341 : Steel	10.5	1 Qntl.	30.732	322.686	0
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**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>					76053.831
<b>Total GST (a)</b>					12465.5517
<b>LABOUR CESS @ 1% (+)</b>					885.193827
<b>Grand Total</b>					89404.576527
<b>Say For Unit 1 (Grand Total/10)</b>					8940.4576527

**SAHEB PRADHAN**  
**JE**  
**Bargarh Block**

**SUNIL KUMAR PRUSTY**  
**AEE**  
**Bargarh Block**

**BERCIUS DUNGUNG**  
**BDO**  
**Bargarh Block**