

## Analysis

**OD/360/3437/119100/396495/00104525 : Construction of cc road from golekha barik house to library chaka**

**Block : Kendrapada, Gram Panchayat : Chakroda**

**Created By:Abhisek Swain**

<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	64.18	6418	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	575.47	57547	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	186.75	18675	0

<b>Total Amount (a+b+c)</b>	88350.32
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	6626.274
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	7123.24455
<b>LABOUR CESS @ 1% (+)</b>	1020.9983855
<b>Grand Total</b>	103120.8369355
<b>Say For Unit 1 (Grand Total/100)</b>	1031.208369355

<b>Item 2</b>
<b>R.C.C. Work (AR0410c):</b> 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 <b>R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>

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

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	198.296	5.2945032	0
<b>BRM092</b> : 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
<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 3**

**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**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<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.	559.18	1806.1514	325.107252
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	71.81	32.3145	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.	1386.4	1247.76	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.23	1 Qntl.	24.787	80.06201	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	575.47	258.9615	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.	907.91	817.119	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<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	186.75	84.0375	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.	444.5	400.05	0

<b>Total Amount (a+b+c)</b>	7233.81591
<b>Total GST (a)</b>	325.107252
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	566.91923715
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	609.43817993625
<b>LABOUR CESS @ 1% (+)</b>	87.352805790863
<b>Grand Total</b>	8822.6333848771
<b>Say For Unit 1 (Grand Total/1)</b>	8822.6333848771

#### Item 4

**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
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<b>LR025</b> : Mason	0.18	Per day	562	101.16	0
<b>LR002</b> : Female mulia	1.4	Per day	462	646.8	0
<b>LR001</b> : Male mulia	2.5	Per day	462	1155	0
<b>BRM340</b> : Cement	2.29	1 Qntl.	559.18	1280.5222	230.493996
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1 Cum	71.81	34.4688	0
<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	940.6	902.976	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	2.29	1 Qntl.	24.787	56.76223	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1 Cum	575.47	276.2256	0
<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	907.91	871.5936	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	2.29	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1 Cum	186.75	89.64	0
<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	444.5	426.72	0

<b>Total Amount (a+b+c)</b>	5841.86843
<b>Total GST (a)</b>	230.493996
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	455.42718195
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	489.58422059625
<b>LABOUR CESS @ 1% (+)</b>	70.173738285463
<b>Grand Total</b>	7087.5475668317
<b>Say For Unit 1 (Grand Total/1)</b>	7087.5475668317

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