

## Analysis

**OD/368/3534/120835/421747/00016743 : Imp.of Road with Culvert from Chulavat to Chhotlanjhimar**  
**Block : Nuapada, Gram Panchayat : Chulabhat**  
**Created By:ROHITA BHOI**

<b>Item 1</b>
<b>Earth Work (AR0102a):</b> Earth work in hard soil or gravelly soil 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 <b>Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift</b>

<b>a) Specific Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	21.5	Per day	462	9933	0
LR001 : Male mulia	21.5	Per day	462	9933	0
<b>Total Amount (a+b+c)</b>				19866	
<b>Total GST (a)</b>				0	
<b>LABOUR CESS @ 1% (+)</b>				198.66	
<b>Grand Total</b>				20064.66	
<b>Say For Unit 1 (Grand Total/100)</b>				200.6466	

<b>Item 2</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>

<b>a) Specific Rate Details</b>					
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>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	380.17	38017	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>BRM029 : Sand for filling and road blinding</b>	100	1 Cum	57.43	5743	0

<b>Total Amount (a+b+c)</b>				56664.32	
<b>Total GST (a)</b>					0
<b>LABOUR CESS @ 1% (+)</b>				566.6432	
<b>Grand Total</b>				57230.9632	
<b>Say For Unit 1 (Grand Total/100)</b>				572.309632	

### 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

<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<b>LR025 : Mason</b>	0.18	Per day	562	101.16	0
<b>LR002 : Female mulia</b>	1.4	Per day	462	646.8	0
<b>LR001 : Male mulia</b>	2.5	Per day	462	1155	0
<b>BRM340 : Cement</b>	2.29	1 Qntl.	485.67	1112.1843	311.411604
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.48	1 Cum	76.88	36.9024	0
<b>BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)</b>	0.96	1 Cum.	995.25	955.44	0

### b) Carriage Rate Details

<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<b>BRM340 : Cement</b>	2.29	1 Qntl.	54.512	124.83248	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.48	1 Cum	380.17	182.4816	0
<b>BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)</b>	0.96	1 Cum.	406.21	389.9616	0

### c) Royalty Rate Details

<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
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<b>BRM340 : Cement</b>	2.29	1 Qntl.	0	0	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.48	1 Cum	57.43	27.5664	0
<b>BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)</b>	0.96	1 Cum.	201.5	193.44	0

<b>Total Amount (a+b+c)</b>	4925.76878
<b>Total GST (a)</b>	311.411604
<b>LABOUR CESS @ 1% (+)</b>	52.37180384
<b>Grand Total</b>	5289.55218784
<b>Say For Unit 1 (Grand Total/1)</b>	5289.55218784

#### Item 4

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

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.</b>	0.069	1Mtr	436.096	30.090624	0
<b>BRM104 : Non Sal wood scantling &amp; plants(Tentera, Kasi, Gamhari, Kuruma)</b>	0.0452	1Cum.	436.096	19.7115392	0

#### c) Royalty Rate Details

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

<b>Total Amount (a+b+c)</b>	5932.3146712
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	59.323146712
<b>Grand Total</b>	5991.637817912
<b>Say For Unit 1 (Grand Total/9)</b>	665.73753532356

## Item 5

**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 specification 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 : Female mulia</b>	1.4	Per day	462	646.8	0
<b>LR001 : Male mulia</b>	3.2	Per day	462	1478.4	0
<b>LR025 : Mason</b>	0.68	Per day	562	382.16	0
<b>BRM340 : Cement</b>	3.23	1 Qntl.	485.67	1568.7141	439.239948
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	1 Cum	76.88	34.596	0
<b>BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)</b>	0.9	1 Cum.	1396.62	1256.958	0

### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340 : Cement</b>	3.23	1 Qntl.	54.512	176.07376	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	1 Cum	380.17	171.0765	0
<b>BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)</b>	0.9	1 Cum.	406.21	365.589	0

### c) Royalty Rate Details

<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<b>BRM340 : Cement</b>	3.23	1 Qntl.	0	0	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	1 Cum	57.43	25.8435	0
<b>BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)</b>	0.9	1 Cum.	201.5	181.35	0

<b>Total Amount (a+b+c)</b>	6287.56086
<b>Total GST (a)</b>	439.239948
<b>LABOUR CESS @ 1% (+)</b>	67.26800808
<b>Grand Total</b>	6794.06881608
<b>Say For Unit 1 (Grand Total/1)</b>	6794.06881608

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