

## Analysis

**OD/364/3484/120004/430337/00015651 : Improvement Of Road From Main Road To Madakaguda  
Street Of Champakhari  
Block : Malkangiri, Panchayat : Sindrimal  
Created By:Tapan kumar senapati**

### Item 1

**Earth Work (AR0102a):** 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

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

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	21.5	Per day	452	9718	0
LR001 : Male mulia	21.5	Per day	452	9718	0

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

19436

**Total GST (a)**

0

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

194.36

**Grand Total**

19630.36

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

196.3036

### 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	452	5586.72	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

<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	40.25	4025	0
<b>Total Amount (a+b+c)</b>				57426.72	
<b>Total GST (a)</b>					0
<b>LABOUR CESS @ 1% (+)</b>				574.2672	
<b>Grand Total</b>				58000.9872	
<b>Say For Unit 1 (Grand Total/100)</b>				580.009872	

### Item 3

**Concrete (AR0309a):** Cement Concrete (1:3:6) with 12mm size hard granite (Hand Broken) chips 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 as per specification and direction of Engineer-in charge.

Sub-Item of Work

**Cement Concrete (1:3:6) with 12mm size hard broken granite Hand Broken chips**

<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>BRM057 : 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)(Hand broken)</b>	0.9	1 Cum.	1085.19	976.671	0
<b>LR025 : Mason</b>	0.68	Per day	552	375.36	0
<b>LR002 : Female mulia</b>	1.4	Per day	452	632.8	0
<b>LR001 : Male mulia</b>	3.2	Per day	452	1446.4	0
<b>BRM340 : Cement</b>	2.15	1 Qntl.	633.36	1361.724	381.28272
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	1 Cum	76.88	34.596	0

### b) Carriage Rate Details

<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<b>BRM057 : 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)(Hand broken)</b>	0.9	1 Cum.	406.21	365.589	0
<b>BRM340 : Cement</b>	2.15	1 Qntl.	36.677	78.85555	0

<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	666.61	299.9745	0
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**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM057</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)(Hand broken)	0.9	1 Cum.	149.5	134.55	0
<b>BRM340</b> : Cement	2.15	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	40.25	18.1125	0

<b>Total Amount (a+b+c)</b>	5724.63255
<b>Total GST (a)</b>	381.28272
<b>LABOUR CESS @ 1% (+)</b>	61.0591527
<b>Grand Total</b>	6166.9744227
<b>Say For Unit 1 (Grand Total/1)</b>	6166.9744227

**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 specificaion 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	452	632.8	0
<b>LR001</b> : Male mulia	3.2	Per day	452	1446.4	0
<b>LR025</b> : Mason	0.68	Per day	552	375.36	0
<b>BRM340</b> : Cement	3.23	1 Qntl.	633.36	2045.7528	572.810784
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	76.88	34.596	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 : Cement</b>	3.23	1 Qntl.	36.677	118.46671	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	1 Cum	666.61	299.9745	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

<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 : Cement</b>	3.23	1 Qntl.	0	0	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	1 Cum	40.25	18.1125	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.	149.5	134.55	0

<b>Total Amount (a+b+c)</b>				6728.55951	
<b>Total GST (a)</b>				572.810784	
<b>LABOUR CESS @ 1% (+)</b>				73.01370294	
<b>Grand Total</b>				7374.38399694	
<b>Say For Unit 1 (Grand Total/1)</b>				7374.38399694	

### **Item 5**

**Road Work (AR1307):** Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.

Sub-Item of Work

**Supplying & spreading moorum and consolidation with HRR**

<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>BRM025 : Gravel or moorum</b>	3.6224	1 Cum	65.88	238.643712	0
<b>LR002 : Female mulia</b>	1.5	Per day	452	678	0
<b>LR001 : Male mulia</b>	1.5	Per day	452	678	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>BRM025 : Gravel or moorum</b>	3.6224	1 Cum	406.21	1471.455104	0
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<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>BRM025 : Gravel or moorum</b>	3.6224	1 Cum	40.25	145.8016	0

<b>Total Amount (a+b+c)</b>	3211.900416				
<b>Total GST (a)</b>	0				
<b>LABOUR CESS @ 1% (+)</b>	32.11900416				
<b>Grand Total</b>	3244.01942016				
<b>Say For Unit 1 (Grand Total/2.83)</b>	1146.2966148975				

**Er. BIBHUTI BHUSAN ROUT**  
**JE**  
**Malkangiri Block**

**Er. ABHIJIT SETHI**  
**AEE**  
**Malkangiri Block**

**Tapan kumar senapati**  
**BDO**  
**Malkangiri Block**