

## Analysis

**OD/370/3557/121260/426641/00016728 : Construction of CC road at Maudiguda**  
**Block : Rayagada, Panchayat : Jemadeipentha**  
**Created By:SHRI SUJIT KUMAR MISHRA**

### Item 1

**Earth Work (AR0103a1):** Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m to 75m 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 specification approved by the dept.

Sub-Item of Work

**Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m to 75m lead and 1.5m**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: Earth Work (AR0103a)</b>					
LR002 : Female mulia	33.53	Per day	452	15155.56	0
LR001 : Male mulia	33.53	Per day	452	15155.56	0
<b>Combine :: Earth Work (AR0107)</b>					
LR001 : Male mulia	3	Per day	452	1356	0

<b>Total Amount (a+b+c)</b>	31667.12
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	316.6712
<b>Grand Total</b>	31983.7912
<b>Say For Unit 1 (Grand Total/100)</b>	319.837912

### 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>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	445.27	44527	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	139.25	13925	0

<b>Total Amount (a+b+c)</b>	71232.72				
<b>Total GST (a)</b>	0				
<b>LABOUR CESS @ 1% (+)</b>	712.3272				
<b>Grand Total</b>	71945.0472				
<b>Say For Unit 1 (Grand Total/100)</b>	719.450472				

<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	552	99.36	0
LR002 : Female mulia	1.4	Per day	452	632.8	0
LR001 : Male mulia	2.5	Per day	452	1130	0
BRM340 : Cement	2.29	1 Qntl.	528.46	1210.1734	338.848552
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	76.88	36.9024	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	950	912	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	40.244	92.15876	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	445.27	213.7296	0

<b>BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)</b>	0.96	1 Cum.	497.35	477.456	0
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**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<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	139.25	66.84	0
<b>BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)</b>	0.96	1 Cum.	157	150.72	0

<b>Total Amount (a+b+c)</b>	5022.14016
<b>Total GST (a)</b>	338.848552
<b>LABOUR CESS @ 1% (+)</b>	53.60988712
<b>Grand Total</b>	5414.59859912
<b>Say For Unit 1 (Grand Total/1)</b>	5414.59859912

**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 and as per 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	452	632.8	0
<b>LR001 : Male mulia</b>	3.2	Per day	452	1446.4	0
<b>LR025 : Mason</b>	0.68	Per day	552	375.36	0
<b>BRM340 : Cement</b>	3.23	1 Qntl.	528.46	1706.9258	477.939224
<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
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<b>BRM340 : Cement</b>	3.23	1 Qntl.	40.244	129.98812	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	1 Cum	445.27	200.3715	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.	497.35	447.615	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<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	139.25	62.6625	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.	157	141.3	0

<b>Total Amount (a+b+c)</b>	6434.97692
<b>Total GST (a)</b>	477.939224
<b>LABOUR CESS @ 1% (+)</b>	69.12916144
<b>Grand Total</b>	6982.04530544
<b>Say For Unit 1 (Grand Total/1)</b>	6982.04530544

**Item 5**

**R.C.C. Work (AR0410c):** Rigid and smooth centering 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
<b>BRM104 : Non Sal wood scantling &amp; plants(Tentera, Kasi, Gamhari, Kuruma)</b>	0.0267	1Cum.	58374.79	1558.606893	0
<b>BRM092 : Non-sal bullahs 75mm. mean dia of any length.</b>	1.26	1Mtr.	30.81	38.8206	0
<b>LR008 : Sangi mulia</b>	0.5	Per day	502	251	0
<b>LR027 : Carpenter</b>	0.5	Per day	552	276	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>	2130.93953364				
<b>Total GST (a)</b>	0				
<b>LABOUR CESS @ 1% (+)</b>	21.3093953364				
<b>Grand Total</b>	2152.2489289764				
<b>Say For Unit 1 (Grand Total/10)</b>	215.22489289764				

**DEEPTI RANJAN BEHERA**  
**JE**  
**Rayagada Block**

**Tanmaya Kumar Padhy**  
**AEE**  
**Rayagada Block**

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