

## Analysis

**OD/346/3299/275540/392753/00064139 : Construction of CC road from Nischinta village Rod to Deepak Tarei house., GP: Baincha  
Block : Baleshwar, Gram Panchayat : Baincha  
Created By:Uttam Kumar Jena**

<b>Item 1</b>
<b>Earth Work (AR0101a1):</b> Earthwork in ordinary soil 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 direction of the Engineer-in-charge.
Sub-Item of Work <b>Earthwork in ordinary soil within 50m to 75m lead and 1.5m, initial lift</b>

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: Earth Work (AR0101a)</b>					
LR002 : Female mulia	16	Per day	462	7392	0
LR001 : Male mulia	16	Per day	462	7392	0
<b>Combine :: Earth Work (AR0107)</b>					
LR001 : Male mulia	3	Per day	462	1386	0

<b>Total Amount (a+b+c)</b>	16170
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	1212.75
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	1303.70625
<b>LABOUR CESS @ 1% (+)</b>	186.8645625
<b>Grand Total</b>	18873.3208125
<b>Say For Unit 1 (Grand Total/100)</b>	188.733208125

<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>

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	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	419.23	41923	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	427.25	42725	0

<b>Total Amount (a+b+c)</b>	97552.32				
<b>Total GST (a)</b>	0				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	7316.424				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	7865.1558				
<b>LABOUR CESS @ 1% (+)</b>	1127.338998				
<b>Grand Total</b>	113861.238798				
<b>Say For Unit 1 (Grand Total/100)</b>	1138.61238798				

<b>Item 3</b>
<b>Concrete (AR0303a):</b> Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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. hard granite(Hand Broken) metal</b>

<b>a) Specific Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	2.5	Per day	462	1155	0
LR025 : Mason	0.18	Per day	562	101.16	0
BRM340 : Cement	2.29	1 Qntl.	537.2	1230.188	221.43384
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	76.88	36.9024	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	787.36	755.8656	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	24.787	56.76223	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	419.23	201.2304	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	861.91	827.4336	0

<b>c) Royalty Rate Details</b>					
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	427.25	205.08	0
<b>BRM045</b> : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	522.5	501.6	0

<b>Total Amount (a+b+c)</b>	5718.02223
<b>Total GST (a)</b>	221.43384
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	445.45920525
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	478.86864564375
<b>LABOUR CESS @ 1% (+)</b>	68.637839208938
<b>Grand Total</b>	6932.4217601027
<b>Say For Unit 1 (Grand Total/1)</b>	6932.4217601027

#### 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 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</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.	537.2	1735.156	312.32808
<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) 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	419.23	188.6535	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.	861.91	775.719	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	427.25	192.2625	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.	522.5	470.25	0
<b>Total Amount (a+b+c)</b>	7241.01701				
<b>Total GST (a)</b>	312.32808				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	566.50088175				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	608.98844788125				
<b>LABOUR CESS @ 1% (+)</b>	87.288344196312				
<b>Grand Total</b>	8816.1227638276				
<b>Say For Unit 1 (Grand Total/1)</b>	8816.1227638276				

**NIHARIKA MOHAPATRA**  
**JE**  
**Baleshwar Block**

**DEEPTANSHU PARIDA**  
**AEE**  
**Baleshwar Block**

**Uttam Kumar Jena**  
**BDO**  
**Baleshwar Block**