

## Analysis

**OD/373/3589/121776/383770/00074335 : Construction of Cement Concrete Road at  
Jhimermahul from Ganesh Bhoi House to Uttam Seth House  
Block : Tangarpali, Gram Panchayat : Nialipali  
Created By: BDO Tangarpali**

### Item 1

**Earth Work (AR0102aa):** Earth work in hard soil or gravelly soil foundation & plinth 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 foundation & plinth within 50m. Initial lead and 1.5m initial lift**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	25.8	Per day	462	11919.6	0
LR001 : Male mulia	25.8	Per day	462	11919.6	0

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

23839.2

**Total GST (a)**

0

**OVERHEAD CHARGES @ 7.5% (+)**

1787.94

**CONTRACTOR PROFIT @ 7.5% (+)**

1922.0355

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

275.491755

**Grand Total**

27824.667255

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

278.24667255

### 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	462	5710.32	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	393.19	39319	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	733.25	73325	0

<b>Total Amount (a+b+c)</b>	125548.32				
<b>Total GST (a)</b>	0				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	9416.124				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	10122.3333				
<b>LABOUR CESS @ 1% (+)</b>	1450.867773				
<b>Grand Total</b>	146537.645073				
<b>Say For Unit 1 (Grand Total/100)</b>	1465.37645073				

Item 3
<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>

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR025 : Mason	0.18	Per day	562	101.16	0
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	2.5	Per day	462	1155	0
BRM340 : Cement	2.29	1 Qntl.	530.51	1214.8679	218.676222
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.	995.25	955.44	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	34.299	78.54471	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	393.19	188.7312	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	276.01	264.9696	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	733.25	351.96	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	159.5	153.12	0

<b>Total Amount (a+b+c)</b>	5147.49581
<b>Total GST (a)</b>	218.676222
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	402.4629024
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	432.64762008
<b>LABOUR CESS @ 1% (+)</b>	62.0128255448
<b>Grand Total</b>	6263.2953800248
<b>Say For Unit 1 (Grand Total/1)</b>	6263.2953800248

#### 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.	530.51	1713.5473	308.438514
<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.	34.299	110.78577	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	393.19	176.9355	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.	276.01	248.409	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	733.25	329.9625	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.	159.5	143.55	0

<b>Total Amount (a+b+c)</b>	6522.10407				
<b>Total GST (a)</b>	308.438514				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	512.2906938				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	550.712495835				
<b>LABOUR CESS @ 1% (+)</b>	78.93545773635				
<b>Grand Total</b>	7972.4812313713				
<b>Say For Unit 1 (Grand Total/1)</b>	7972.4812313713				

**Jagannath Munda  
JE  
Tangarpali Block**

**MANAS NETI  
AEE  
Tangarpali Block**

**BDO Tangarpali  
BDO  
Tangarpali Block**