

## Analysis

**OD/361/3445/119298/385418/00064428 : Construction of CC Road from Pramod Naik House to Talasahi at Kodagadia**  
**Block : Champua, Gram Panchayat : Kodagadia**  
**Created By:KendujharChampuaBDO**

<b>Item 1</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	55	5500	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	536.41	53641	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	276.28	27628	0

<b>Total Amount (a+b+c)</b>	92479.32
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	6935.949
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	7456.145175
<b>LABOUR CESS @ 1% (+)</b>	1068.71414175
<b>Grand Total</b>	107940.12831675
<b>Say For Unit 1 (Grand Total/100)</b>	1079.4012831675

<b>Item 2</b>
<b>Earth Work (AR0110):</b> Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.
Sub-Item of Work <b>Fine dressing of earth work in ordinary or hard soil in road formation</b>

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST

LR001 : Male mulia	1	Per day	462	462	0
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<b>Total Amount (a+b+c)</b>	462
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	34.65
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	37.24875
<b>LABOUR CESS @ 1% (+)</b>	5.3389875
<b>Grand Total</b>	539.2377375
<b>Say For Unit 1 (Grand Total/100)</b>	5.392377375

### Item 3

**Concrete (AR0303a):** 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  
**Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal**

#### a) Specific Rate Details

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.	567.52	1299.6208	233.931744
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	65	31.2	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	750	720	0

#### b) Carriage Rate Details

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	536.41	257.4768	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	601.51	577.4496	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	276.28	132.6144	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	804.925	772.728	0

<b>Total Amount (a+b+c)</b>	5750.81183
<b>Total GST (a)</b>	233.931744

<b>OVERHEAD CHARGES @ 7.5% (+)</b>	448.85576805
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	482.51995065375
<b>LABOUR CESS @ 1% (+)</b>	69.161192927038
<b>Grand Total</b>	6985.2804856308
<b>Say For Unit 1 (Grand Total/1)</b>	6985.2804856308

#### 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 specifaion 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.	567.52	1833.0896	329.956128
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	65	29.25	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.	1370	1233	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	536.41	241.3845	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.	601.51	541.359	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	276.28	124.326	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.	804.925	724.4325	0
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<b>Total Amount (a+b+c)</b>	7314.26361
<b>Total GST (a)</b>	329.956128
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	573.31648035
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	616.31521637625
<b>LABOUR CESS @ 1% (+)</b>	88.338514347263
<b>Grand Total</b>	8922.1899490735
<b>Say For Unit 1 (Grand Total/1)</b>	8922.1899490735

**Bhagirothi Murmu**  
**JE**  
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