

## Analysis

**OD/359/3430/118983/415424/00013535 : Const. of CC road with Guard wall from Badebali to Tadri**  
**Block : Phulbani, Gram Panchayat : Jamjhari**  
**Created By:SOUMYA RANJAN PATRO**

### 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	452	11661.6	0
LR001 : Male mulia	25.8	Per day	452	11661.6	0

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

23323.2

**Total GST (a)**

0

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

233.232

**Grand Total**

23556.432

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

235.56432

### 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	70	7000	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	471.31	47131	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	70.25	7025	0

<b>Total Amount (a+b+c)</b>	66742.72				
<b>Total GST (a)</b>	0				
<b>LABOUR CESS @ 1% (+)</b>	667.4272				
<b>Grand Total</b>	67410.1472				
<b>Say For Unit 1 (Grand Total/100)</b>	674.101472				

**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	452	632.8	0
LR001 : Male mulia	2.5	Per day	452	1130	0
LR025 : Mason	0.18	Per day	552	99.36	0
BRM340 : Cement	2.29	1 Qntl.	532.8	1220.112	341.63136
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) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	54.512	124.83248	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	601.51	288.7248	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	471.31	452.4576	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	70.25	33.72	0
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	239.5	229.92	0

<b>Total Amount (a+b+c)</b>	5004.69488
<b>Total GST (a)</b>	341.63136
<b>LABOUR CESS @ 1% (+)</b>	53.4632624
<b>Grand Total</b>	5399.7895024
<b>Say For Unit 1 (Grand Total/1)</b>	5399.7895024

#### 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 : 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.	532.8	1720.944	481.86432
<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
<b>BRM340 : Cement</b>	3.23	1 Qntl.	54.512	176.07376	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	1 Cum	601.51	270.6795	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.	1413.91	1272.519	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	70.25	31.6125	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.	344.5	310.05	0

<b>Total Amount (a+b+c)</b>	7527.99276
<b>Total GST (a)</b>	481.86432
<b>LABOUR CESS @ 1% (+)</b>	80.0985708
<b>Grand Total</b>	8089.9556508
<b>Say For Unit 1 (Grand Total/1)</b>	8089.9556508

### Item 5

**R.C.C. Work (AR0410c):** Rigid and smooth centring 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 : Non Sal wood scantling &amp; plants(Tentera, Kasi, Gamhari, Kuruma)</b>	0.0267	1Cum.	340.976	9.1040592	0
<b>BRM092 : Non-sal bullahs 75mm. mean dia of any length.</b>	0.00614	1Mtr.	340.976	2.09359264	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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<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>	2135.62514484
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	21.3562514484
<b>Grand Total</b>	2156.9813962884
<b>Say For Unit 1 (Grand Total/10)</b>	215.69813962884

## Item 6

**Plastering (AR1027):** 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.

Sub-Item of Work

**6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)**

### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>LR001</b> : Male mulia	0.12	Per day	452	54.24	0
<b>LR002</b> : Female mulia	0.05	Per day	452	22.6	0
<b>LR025</b> : Mason	0.14	Per day	552	77.28	0
<b>BRM340</b> : Cement	0.0372	1 Qntl.	562.5	20.925	5.859
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	1 Cum	76.88	0.5766	0

### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.0372	1 Qntl.	54.512	2.0278464	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	1 Cum	601.51	4.511325	0

### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.0372	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	1 Cum	70.25	0.526875	0

<b>Total Amount (a+b+c)</b>	182.6876464
<b>Total GST (a)</b>	5.859
<b>LABOUR CESS @ 1% (+)</b>	1.885466464

<b>Grand Total</b>	190.432112864
<b>Say For Unit 1 (Grand Total/1)</b>	190.432112864

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