

## Analysis

**OD/353/3357/117441/414694/00013385 : Maintenance of Road from RD road to Govt. High School,  
Bhuskudi  
Block : Gosani, Panchayat : Bhusukudi  
Created By:GOURA CHANDRA PATNAIK**

### Item 1

**Earth Work (AR0102a1):** Earthwork in hard soil or gravelly 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

**Earthwork in hard soil or gravelly soil within 50m to 75m lead and 1.5m, initial lift**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: Earth Work (AR0102a)</b>					
LR002 : Female mulia	21.5	Per day	452	9718	0
LR001 : Male mulia	21.5	Per day	452	9718	0
<b>Combine :: Earth Work (AR0107)</b>					
LR001 : Male mulia	3	Per day	452	1356	0
<b>Total Amount (a+b+c)</b>				20792	
<b>Total GST (a)</b>					0
<b>LABOUR CESS @ 1% (+)</b>					207.92
<b>Grand Total</b>					20999.92
<b>Say For Unit 1 (Grand Total/100)</b>					209.9992

### Item 2

**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
LR002 : Female mulia	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.	294.14	950.0722	266.020216
<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.	30.732	99.26436	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	1 Cum	406.21	182.7945	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.	471.31	424.179	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	319.5	143.775	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.	419	377.1	0

<b>Total Amount (a+b+c)</b>	5923.29906
<b>Total GST (a)</b>	266.020216
<b>LABOUR CESS @ 1% (+)</b>	61.89319276
<b>Grand Total</b>	6251.21246876
<b>Say For Unit 1 (Grand Total/1)</b>	6251.21246876

#### Item 3

**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</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	58374.79	1558.606893	0
<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	1.26	1Mtr.	30.81	38.8206	0
<b>LR008</b> : Sangi mulia	0.5	Per day	502	251	0
<b>LR027</b> : Carpenter	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

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

2130.93953364

**Total GST (a)**

0

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

21.3093953364

**Grand Total**

2152.2489289764

**Say For Unit 1 (Grand Total/10)**

215.22489289764

**Item 4**

**Earth Work (AR0115a):** Filling foundation and plinth with crusher dust 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 crusher dust well watered and rammed**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
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<b>BRM026</b> : Stone screened Dust passing through 2.36 mm sieve and retained on 0.075 mm sieve	100	1 Cum	136.33	13633	0
<b>LR002</b> : Female mulia	12.36	Per day	452	5586.72	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM026</b> : Stone screened Dust passing through 2.36 mm sieve and retained on 0.075 mm sieve	100	1 Cum	471.31	47131	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM026</b> : Stone screened Dust passing through 2.36 mm sieve and retained on 0.075 mm sieve	100	1 Cum	309.75	30975	0

<b>Total Amount (a+b+c)</b>				97325.72	
<b>Total GST (a)</b>					0
<b>LABOUR CESS @ 1% (+)</b>				973.2572	
<b>Grand Total</b>				98298.9772	
<b>Say For Unit 1 (Grand Total/100)</b>				982.989772	

**Item 5**

**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
<b>BRM029</b> : Sand for filling and road blinding	100	1 Cum	71.94	7194	0
<b>LR002</b> : Female mulia	12.36	Per day	452	5586.72	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM029</b> : Sand for filling and road blinding	100	1 Cum	406.21	40621	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM029</b> : Sand for filling and road blinding	100	1 Cum	319.5	31950	0

<b>Total Amount (a+b+c)</b>	85351.72
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	853.5172
<b>Grand Total</b>	86205.2372
<b>Say For Unit 1 (Grand Total/100)</b>	862.052372

### Item 6

**miscellaneous (ARM287):** Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.

Sub-Item of Work

**Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM029</b> : Sand for filling and road blinding	0.03	1 Cum	71.94	2.1582	0
<b>BRMM287</b> : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items)	1	1 Sqm	608.4	608.4	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM029</b> : Sand for filling and road blinding	0.03	1 Cum	406.21	12.1863	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM029</b> : Sand for filling and road blinding	0.03	1 Cum	319.5	9.585	0

<b>Total Amount (a+b+c)</b>	632.3295
<b>Total GST (a)</b>	0
<b>Grand Total</b>	632.3295
<b>Say For Unit 1 (Grand Total/1)</b>	632.3295

**ACHYUTANANDA MUDULI**  
JE  
Gosani Block

**SASMITA KUMARI JENA**  
AEE  
Gosani Block

**GOURA CHANDRA PATNAIK**  
BDO  
Gosani Block