

## Analysis

**OD/353/3357/117450/414950/00013371 : Improvement of road with CC/Gr.II Metalling from main road to river icw MGNREGS of GP Labanyagada**  
**Block : Gosani, Panchayat : Labanyagada**  
**Created By:GOURA CHANDRA PATNAIK**

### Item 1

**Earth Work (AR0103aa):** Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department

Sub-Item of Work

**Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	40.236	Per day	452	18186.672	0
LR001 : Male mulia	40.236	Per day	452	18186.672	0

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

36373.344

**Total GST (a)**

0

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

363.73344

**Grand Total**

36737.07744

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

367.3707744

### 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	452	5586.72	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	601.51	60151	0

**c) Royalty Rate Details**

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

<b>Total Amount (a+b+c)</b>	104881.72				
<b>Total GST (a)</b>	0				
<b>LABOUR CESS @ 1% (+)</b>	1048.8172				
<b>Grand Total</b>	105930.5372				
<b>Say For Unit 1 (Grand Total/100)</b>	1059.305372				

**Item 3**

**Concrete (AR0303):** 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

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

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR025 : Mason	0.18	Per day	552	99.36	0
LR002 : Female mulia	1.4	Per day	452	632.8	0
LR001 : Male mulia	2.5	Per day	452	1130	0
BRM340 : Cement	2.29	1 Qntl.	294.14	673.5806	188.602568
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.	54.512	124.83248	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	601.51	288.7248	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	601.51	577.4496	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 : Cement</b>	2.29	1 Qntl.	0	0	0
<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.48	1 Cum	319.5	153.36	0
<b>BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)</b>	0.96	1 Cum.	419	402.24	0

<b>Total Amount (a+b+c)</b>	5074.68988
<b>Total GST (a)</b>	188.602568
<b>LABOUR CESS @ 1% (+)</b>	52.63292448
<b>Grand Total</b>	5315.92537248
<b>Say For Unit 1 (Grand Total/1)</b>	5315.92537248

#### **Item 4**

**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**

<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<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**

<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<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**

<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<b>BRM104 : Non Sal wood scantling &amp; plants(Tentera, Kasi, Gamhari, Kuruma)</b>	0.0267	1Cum.	0	0	0

BRM092 : 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 5

**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
BRM029 : Sand for filling and road blinding	0.03	1 Cum	71.94	2.1582	0
BRMM287 : 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
BRM029 : Sand for filling and road blinding	0.03	1 Cum	601.51	18.0453	0

### c) Royalty Rate Details

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

<b>Total Amount (a+b+c)</b>	638.1885
<b>Total GST (a)</b>	0
<b>Grand Total</b>	638.1885
<b>Say For Unit 1 (Grand Total/1)</b>	638.1885

**BIRAJA PRASAD PANDA**  
**JE**  
**Gosani Block**

**SASMITA KUMARI JENA**  
**AEE**  
**Gosani Block**

**GOURA CHANDRA PATNAIK**  
**BDO**  
**Gosani Block**