

## Analysis

**OD/359/3429/118976/416466/00069077 : improvement of road from Boudipada sejamaha  
chaka to jujuripada  
Block : Phiringia, Gram Panchayat : Taladandikia  
Created By:Anup Avishek Behera**

<b>Item 1</b>
<b>Earth Work (AR0102aa):</b> 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 <b>Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>

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
<b>Total Amount (a+b+c)</b>				23839.2	
<b>Total GST (a)</b>					0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>					1787.94
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>					1922.0355
<b>LABOUR CESS @ 1% (+)</b>					275.491755
<b>Grand Total</b>					27824.667255
<b>Say For Unit 1 (Grand Total/100)</b>					278.24667255

<b>Item 2</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	70	7000	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

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	40.25	4025	0

<b>Total Amount (a+b+c)</b>	70376.32				
<b>Total GST (a)</b>	0				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	5278.224				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	5674.0908				
<b>LABOUR CESS @ 1% (+)</b>	813.286348				
<b>Grand Total</b>	82141.921148				
<b>Say For Unit 1 (Grand Total/100)</b>	821.41921148				

<b>Item 3</b>
<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>

<b>a) Specific Rate Details</b>					
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.	578.12	1323.8948	238.301064
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>b) Carriage Rate Details</b>					
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	536.41	257.4768	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	471.31	452.4576	0

<b>c) Royalty Rate Details</b>					
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	40.25	19.32	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	149.5	143.52	0

<b>Total Amount (a+b+c)</b>	5216.80408
<b>Total GST (a)</b>	238.301064
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	409.1328858
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	439.817852235
<b>LABOUR CESS @ 1% (+)</b>	63.04055882035
<b>Grand Total</b>	6367.0964408554
<b>Say For Unit 1 (Grand Total/1)</b>	6367.0964408554

#### Item 4

**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	70	2.1	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	536.41	16.0923	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM029</b> : Sand for filling and road blinding	0.03	1 Cum	40.25	1.2075	0

<b>Total Amount (a+b+c)</b>	627.7998
<b>Total GST (a)</b>	0
<b>Grand Total</b>	6367.0964408554
<b>Say For Unit 1 (Grand Total/1)</b>	6367.0964408554

**LINMAYA SWAIN**  
**JE**  
**Phiringia Block**

**Jaya Prakash Jena**  
**AEE**  
**Phiringia Block**

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