

## Analysis

**OD/346/3305/116243/393096/00069506 : Repair and restoration of road from PWD road to  
Aparti Jena house  
Block : Nilgiri, Gram Panchayat : Kanas  
Created By: Bikram Kishore Parida**

<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	71.94	7194	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	341.11	34111	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	442.25	44225	0

<b>Total Amount (a+b+c)</b>	91240.32
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	6843.024
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	7356.2508
<b>LABOUR CESS @ 1% (+)</b>	1054.395948
<b>Grand Total</b>	106493.990748
<b>Say For Unit 1 (Grand Total/100)</b>	1064.93990748

<b>Item 2</b>
<b>Concrete (AR0303a):</b> 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 <b>Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>

<b>a) Specific Rate Details</b>						
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.	537.2	1230.188	221.43384	
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>b) Carriage Rate Details</b>						
Particular	Quantity	Unit	Rate	Amount	GST	
BRM340 : Cement	2.29	1 Qntl.	42.622	97.60438	0	
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	341.11	163.7328	0	
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	822.85	789.936	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	442.25	212.28	0	
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	522.5	501.6	0	

<b>Total Amount (a+b+c)</b>						5691.06918
<b>Total GST (a)</b>						221.43384
<b>OVERHEAD CHARGES @ 7.5% (+)</b>						443.4377265
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>						476.6955559875
<b>LABOUR CESS @ 1% (+)</b>						68.326363024875
<b>Grand Total</b>						6900.9626655124
<b>Say For Unit 1 (Grand Total/1)</b>						6900.9626655124

<b>Item 3</b>
<b>Concrete (AR0307):</b> 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 <b>Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>

<b>a) Specific Rate Details</b>						
Particular	Quantity	Unit	Rate	Amount	GST	
LR002 : 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.	537.2	1735.156	312.32808
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	76.88	34.596	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.	1396.62	1256.958	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.23	1 Qntl.	42.622	137.66906	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	341.11	153.4995	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.	822.85	740.565	0

<b>c) Royalty Rate Details</b>					
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	442.25	199.0125	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.	522.5	470.25	0

<b>Total Amount (a+b+c)</b>	7235.06606
<b>Total GST (a)</b>	312.32808
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	566.0545605
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	608.5086525375
<b>LABOUR CESS @ 1% (+)</b>	87.219573530375
<b>Grand Total</b>	8809.1769265679
<b>Say For Unit 1 (Grand Total/1)</b>	8809.1769265679

**MADHUSMITA MOHANTY**  
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