

## Analysis

**OD/371/3559/121303/381795/00014245 : Improvement of Road from PWD Road to Kusumtikra**  
**Block : Dhankauda, Panchayat : Kardola**  
**Created By:ANIL KUMAR KULLU**

### Item 1

**Earth Work (AR0122Ai1):** Earthwork in all kinds of 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 all kinds of 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**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: Earth Work (AR0122Ai)</b>					
LR002 : Female mulia	23.6767	Per day	452	10701.8684	0
LR001 : Male mulia	23.6767	Per day	452	10701.8684	0
<b>Combine :: Earth Work (AR0107)</b>					
LR001 : Male mulia	3	Per day	452	1356	0

<b>Total Amount (a+b+c)</b>	22759.7368
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	227.597368
<b>Grand Total</b>	22987.334168
<b>Say For Unit 1 (Grand Total/100)</b>	229.87334168

### 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>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	1045.91	104591	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	79.25	7925	0

<b>Total Amount (a+b+c)</b>	125102.72				
<b>Total GST (a)</b>	0				
<b>LABOUR CESS @ 1% (+)</b>	1251.0272				
<b>Grand Total</b>	126353.7472				
<b>Say For Unit 1 (Grand Total/100)</b>	1263.537472				

<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	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.	538	1232.02	344.9656
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.	950	912	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	48.567	111.21843	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	1045.91	502.0368	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	861.91	827.4336	0

<b>c) Royalty Rate Details</b>					
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Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	2.29	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1 Cum	79.25	38.04	0
<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	288.5	276.96	0

<b>Total Amount (a+b+c)</b>	5798.77123				
<b>Total GST (a)</b>	344.9656				
<b>LABOUR CESS @ 1% (+)</b>	61.4373683				
<b>Grand Total</b>	6205.1741983				
<b>Say For Unit 1 (Grand Total/1)</b>	6205.1741983				

#### 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 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
<b>LR002</b> : Female mulia	1.4	Per day	452	632.8	0
<b>LR001</b> : Male mulia	3.2	Per day	452	1446.4	0
<b>LR025</b> : Mason	0.68	Per day	552	375.36	0
<b>BRM340</b> : Cement	3.23	1 Qntl.	538	1737.74	486.5672
<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) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.23	1 Qntl.	48.567	156.87141	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	1045.91	470.6595	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.	861.91	775.719	0
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<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	79.25	35.6625	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.	288.5	259.65	0

<b>Total Amount (a+b+c)</b>	7182.41641
<b>Total GST (a)</b>	486.5672
<b>LABOUR CESS @ 1% (+)</b>	76.6898361
<b>Grand Total</b>	7745.6734461
<b>Say For Unit 1 (Grand Total/1)</b>	7745.6734461

<b>Item 5</b>
<b>R.C.C. Work (AR0410c):</b> 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 <b>R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>

<b>a) Specific Rate Details</b>					
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>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	245.856	6.5643552	0
<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.00614	1Mtr.	245.856	1.50955584	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>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>	2132.50140404
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	21.3250140404
<b>Grand Total</b>	2153.8264180804
<b>Say For Unit 1 (Grand Total/10)</b>	215.38264180804

<b>Item 6</b>
<b>Earth Work (AR0122Bii):</b> Earthwork in hard soil or gravelly soil within 5 Km.mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.
Sub-Item of Work <b>Earthwork in hard soil or gravelly soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift</b>

<b>a) Specific Rate Details</b>					
<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<b>BRMM402</b> : Loading into trucks and unloading from trucks within 50 Meter lead (2/3 of rate is consider for loading).	-0.6666	1 Cum	175.38	- 116.908308	0
<b>BRMM401</b> : Conveyance of material by 10 ton trucks within 5 KM including loading and unloading	1	1 Cum	276.01	276.01	0
<b>LR002</b> : Female mulia	0.215	Per day	452	97.18	0
<b>LR001</b> : Male mulia	0.215	Per day	452	97.18	0

<b>Total Amount (a+b+c)</b>	353.461692
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	3.53461692
<b>Grand Total</b>	356.99630892
<b>Say For Unit 1 (Grand Total/1)</b>	356.99630892

**ASHRITA TOPNO**  
**JE**  
**Dhankauda Block**

**BIJAYALAXMI HEMBRAM**  
**AEE**  
**Dhankauda Block**

**ANIL KUMAR KULLU**  
**BDO**  
**Dhankauda Block**