

## Measurements

**OD/358/3410/275646/423975/00017147 : IMPROVEMENT OF ROAD FROM KDALIMUNDA TO CG BORDER**  
**Block : Dharamagarh, Gram Panchayat : Kadalimunda**  
**Created By:Padmabati Senapati**

Measurement Book No : 01/25-26				Measurement Date : 2025-05-14				Pages : 41 to 44			
Item 1 : Earth Work						Spec. Code : AR0102a					
<b>Spec Decription :</b> Earth work in hard soil or gravelly soil 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											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Side Cutoff	2	63.5	0.2	0.2	1	5.08			✓	
ii	End Cut Off	2	3.65	0.2	0.2	1	0.292			✓	
<b>Total Quantity</b>							<b>5.372 cum (5.372 Cum)</b>				
<b>Amount</b>							<b>5.372 X 200.6466 = Rs. 1077.87</b>				
Item 2 : Earth Work						Spec. Code : AR0115					
<b>Spec Decription :</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.											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Side Cut Off	2	63.5	0.2	0.05	1	1.27			✓	
ii	End Cut	2	3.65	0.2	0.05	1	0.073			✓	
iii	ROAD	1	63.5	3.25	0.1	1	20.6375			✓	
<b>Total Quantity</b>							<b>21.9805 cum (21.9805 Cum)</b>				
<b>Amount</b>							<b>21.9805 X 636.808232 = Rs. 13997.36</b>				
Item 3 : Concrete						Spec. Code : AR0303a					

**Spec Description :**

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 as per specification and direction of Engineer-in charge.

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	SIDE CUT OFF	2	63.5	0.2	0.15	1	3.81			✓	
ii	END CUT OFF	2	3.25	0.2	0.15	1	0.195			✓	
iii	ROAD	1	63.5	3.65	0.1	1	23.1775				
<b>Total Quantity</b>							<b>27.1825 cum (27.1825 Cum)</b>				
<b>Amount</b>							<b>27.1825 X 5297.95147106 = Rs. 144011.57</b>				

**Item 4 : R.C.C. Work****Spec. Code : AR0403A****Spec Description :**

Reinforced cement concrete work of M-15 grade with 20mm & down grade size black hard crusher broken granite 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. (excluding centring and shuttering)

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	ROAD	1	30	3.65	0.068	1	7.446			✓	
ii	ROAD	1	30	3.65	0.068	1	7.446				
iii	ROAD	1	3.5	3.65	0.069	1	0.881475				
<b>Total Quantity</b>							<b>15.773475 cum (15.773475 Cum)</b>				
<b>Amount</b>							<b>15.773475 X 5302.3221592 = Rs. 83636.05</b>				

**Item 5 : R.C.C. Work****Spec. Code : AR0410c****Spec Description :**

Rigid and smooth centring 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

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	ROAD	2	30	0.2	1	1	12			✓	

<b>Total Quantity</b>	12 Sqm (12 Sqm)
<b>Amount</b>	12 X 216.55039071844 = Rs. 2598.60
<b>Total Amount</b>	Rs. 245321.45344947

**Addition Component**

i) Display Citizen Board	Rs. 1500
ii) Any Other Lumpsum	Rs. 725
iii) Contingency	Rs. 2453.2145344947
<b>Total Addition</b>	<b>Rs. 4678.2145344947</b>

**Deduction Component**

i) Contingency	Rs. 2499.9966798396
ii) Royalty	Rs. 6712.28830625
iii) Additional Royalty	Rs. 2639.26962625
iv) EMF	Rs. 335.6144153125
v) DMF	Rs. 671.228830625
vi) Empty Gunny Bag	Rs. 844.23
vii) Labour Cess	Rs. 2499.9966798396
<b>Total Deduction</b>	<b>Rs. 16202.624538117</b>

**Grand Total Amount : Rs. 233797.04344585**