

## Measurements

**OD/373/3575/121551/384528/00077464 : Construction of Cement Concrete Road from Benetan House to Methedius House at Kopranda Girjatola**  
**Block : Bisra, Gram Panchayat : Bhalulata**  
**Created By: Brajabandhu Behera**

<b>Measurement Book No : 188/2026</b>				<b>Measurement Date : 2026-05-25</b>				<b>Pages : 58 to 61</b>			
<b>Item 1 : Earth Work</b>						<b>Spec. Code : AR0102aa</b>					
<b>Spec Description :</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											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Cutoff	2	91	0.225	0.2		8.19			✓	
<b>Total Quantity</b>							<b>8.19 cum (8.19 Cum)</b>				
<b>Amount</b>							<b>8.19 X 240.77592 = Rs. 1971.95</b>				
<b>Item 2 : Earth Work</b>						<b>Spec. Code : AR0115</b>					
<b>Spec Description :</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	Base	1	91	2.65	0.075		18.08625			✓	
ii	Cutoff	2	91	0.225	0.05		2.0475				
iii	Base	1	11	2.2	0.05		1.21				
<b>Total Quantity</b>							<b>21.34375 cum (21.34375 Cum)</b>				
<b>Amount</b>							<b>21.34375 X 672.259232 = Rs. 14348.53</b>				
<b>Item 3 : Concrete</b>						<b>Spec. Code : AR0303</b>					

**Spec Description :**

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 as per specificaion and direction of Engineer-in charge.

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Base	1	91	2.65	0.1		24.115			✓	
ii	cutoff	2	91	0.225	0.2		8.19				
iii	Base	1	11	2.2	0.1		2.42				
<b>Total Quantity</b>							<b>34.725 cum (34.725 Cum)</b>				
<b>Amount</b>							<b>34.725 X 5373.14869402 = Rs. 186582.59</b>				

**Item 4 : Concrete****Spec. Code : AR0307****Spec Description :**

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 specificaion and direction of Engineer-in charge.

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Base	1	91	3.1	0.085		23.9785			✓	
ii	Base	1	11	2.2	0.09		2.178				
<b>Total Quantity</b>							<b>26.1565 cum (26.1565 Cum)</b>				
<b>Amount</b>							<b>26.1565 X 6851.17862574 = Rs. 179202.85</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	Cutoff	2	91		0.2		36.4			✓	
<b>Total Quantity</b>							<b>36.4 Sqm (36.4 Sqm)</b>				

<b>Amount</b>	<b>36.4 X 216.39264180804 = Rs. 7876.69</b>
<b>Total Amount</b>	<b>Rs. 389982.62205363</b>

### Addition Component

i) Display Citizen Board	Rs. 5000
ii) Any Other Lumpsum	Rs. 1116
iii) Contingency	Rs. 3900
<b>Total Addition</b>	<b>Rs. 10016</b>

### Deduction Component

i) Contingency	Rs. 3900
ii) Royalty	Rs. 9136
iii) Additional Royalty	Rs. 5226
iv) EMF	Rs. 457
v) DMF	Rs. 914
vi) Empty Gunny Bag	Rs. 1298
vii) Labour Cess	Rs. 3900
viii) Any Other Lumpsum Bill	Rs. 3900
<b>Total Deduction</b>	<b>Rs. 28731</b>

**Grand Total Amount : Rs. 371267.62205363**