

## Detailed Estimate

**OD/371/3565/121405/382474/00064252 : Construction of CC Road at Badkasibahal Uparasahi**  
**Block : Rairakhol, Gram Panchayat : Kukudabahali**  
**Created By: Hemangini Bhoi**

<b>1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	23.000	12.000	0.500	0.028	3.905	-
ii		1.000	24.750	16.000	0.500	0.028	5.603	-
iii		1.000	22.830	15.830	0.500	0.028	5.114	-
iv	wide	1.000	35.000	26.000	0.500	0.028	12.877	-
v		1.000	22.000	18.000	0.500	0.028	5.603	-
vi		1.000	15.000	8.000	0.500	0.028	1.698	-
<b>Total Quantity</b>					34.800494435 cum (cum)		34.800494435 Cum (Cubic Meter)	
<b>Amount</b>					<b>34.800494435 X 240.77592</b>		<b>8379.12</b>	
<b>2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	23.000	12.000	0.330	0.028	2.578	-
ii		1.000	24.750	16.000	0.330	0.028	3.698	-
iii		1.000	22.830	15.830	0.330	0.028	3.375	-

iv		1.000	35.000	26.000	0.330	0.028	8.498	-
v		1.000	22.000	18.000	0.330	0.028	3.698	-
vi		1.000	15.000	8.000	0.330	0.028	1.121	-
Total Quantity					22.9683263271 cum (cum)		22.9683263271 Cum (Cubic Meter)	
Amount					22.9683263271 X 542.585332		12462.28	

### 3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	23.000	12.000	0.220	0.028	1.718	-
ii		1.000	24.750	16.000	0.220	0.028	2.466	-
iii		1.000	22.830	15.830	0.200	0.028	2.046	-
iv		1.000	35.000	26.000	0.220	0.028	5.666	-
v		1.000	22.000	18.000	0.200	0.028	2.241	-
vi		1.000	15.000	8.000	0.220	0.028	0.747	-
Total Quantity					14.883529774 cum (cum)		14.883529774 Cum (Cubic Meter)	
Amount					14.883529774 X 5381.0222278		80088.60	

### 4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road area	1.000	23.000	12.000	0.200	0.028	1.562	-

ii		1.000	24.750	16.000	0.200	0.028	2.241	-	
iii		1.000	22.830	15.830	0.200	0.028	2.046	-	
iv		1.000	35.000	26.000	0.200	0.028	5.151	-	
v		1.000	22.000	18.000	0.200	0.028	2.241	-	
vi		1.000	15.000	8.000	0.200	0.028	0.679	-	
Total Quantity					13.920197774 cum (cum)		13.920197774 Cum (Cubic Meter)		
Amount					13.920197774 X 6863.1921576		95536.99		
<b>5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>									
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									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	road	1.000	120.000	1.000	0.330	0.093	3.679	-	
ii		1.000	64.000	1.000	0.330	0.093	1.962	-	
Total Quantity					5.640888 Sqm (Sqm)		5.640888 Sqm (Square Meter)		
Amount					5.640888 X 216.23489289764		1219.76		
Total Amount							197686.75		
<b>Addition</b>									
Provision for Contingency (+) @							988.43		
Display Citizen Board (+) @							1324.00		
Any Other Lumpsum (+) @									
Provision for survey investigation and quality control (+) @									

<b>Total Addition</b>	<b>2312.43</b>
<b>Grand Net Total Amount</b>	<b>199999.19</b>

**Hemangini Bhoi**  
**JE**  
**Rairakhol Block**

**Supriya Biswal**  
**AEE**  
**Rairakhol Block**

**Rajendra Senapati**  
**BDO**  
**Rairakhol Block**