

## Detailed Estimate

**OD/359/3426/118927/416182/00068971 : Imp of Road with CC GR-II metaliing from Rayagada to Tagakala**  
**Block : K.Nuagan, Gram Panchayat : Gunjibadi**  
**Created By: Priyanka Patro**

<b>1. 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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	both sides	2.000	115.000	0.200	1.000	0.000	46.000	-
Total Quantity					46 Sqm (Sqm)		46 Sqm (Square Meter)	
<b>Amount</b>					<b>46 X 216.23489289764</b>		<b>9946.81</b>	
<b>2. 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	cut off	2.000	115.000	0.200	0.200	0.000	9.200	-
Total Quantity					9.2 cum (cum)		9.2 Cum (Cubic Meter)	
<b>Amount</b>					<b>9.2 X 240.77592</b>		<b>2215.14</b>	
<b>3. 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	cut off	2.000	115.000	0.200	0.100	0.000	4.600	-
ii	sub base	1.000	115.000	2.600	0.100	0.000	29.900	-

Total Quantity		34.5 cum (cum)		34.5 Cum (Cubic Meter)				
Amount		34.5 X 645.049832		22254.22				
<b>4. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	2.000	115.000	0.200	0.350	0.000	16.100	-
ii	base	1.000	115.000	2.600	0.100	0.000	29.900	-
Total Quantity		46 cum (cum)		46 Cum (Cubic Meter)				
Amount		46 X 5550.87979994		255340.47				
<b>5. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	115.000	3.000	0.082	0.000	28.290	-
Total Quantity		28.29 cum (cum)		28.29 Cum (Cubic Meter)				
Amount		28.29 X 7560.34316078		213882.11				
Total Amount		503638.74						
<b>Addition</b>								
Provision for Contingency (+) @		5036.39						
Display Citizen Board (+) @		2770.00						
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition		7806.39						

<b>Grand Net Total Amount</b>	<b>511445.13</b>
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**Priyanka Patro**  
**JE**  
**K.Nuagan Block**

**Shovam Mohapatra**  
**AEE**  
**K.Nuagan Block**

**Subhrajali Pradhan**  
**BDO**  
**K.Nuagan Block**