

## Detailed Estimate

**OD/353/3363/117563/414815/00073192 : Construction of Road from RD Road to School of Rangada in Convergence with MGNREGA**

**Block : Rayagad, Gram Panchayat : S.Karadasingi**

**Created By: BILASINI PRADHAN**

<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	Both side cut off wall	2.000	97.250	0.250	0.150	0.000	7.294	-
Total Quantity					7.29375 cum (cum)		7.29375 Cum (Cubic Meter)	
Amount					7.29375 X 240.77592		1756.16	
<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	c.c road base	1.000	97.250	3.150	0.100	0.000	30.634	-
Total Quantity					30.63375 cum (cum)		30.63375 Cum (Cubic Meter)	
Amount					30.63375 X 1085.652232		33257.60	
<b>3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Both side cut off wall	2.000	97.250	0.250	0.250	0.000	12.156	-

ii	c.c road	1.000	97.250	3.650	0.100	0.000	35.496	-
Total Quantity					47.6525 cum (cum)		47.6525 Cum (Cubic Meter)	
Amount					47.6525 X 5930.56529022		282606.26	
<b>4. 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	c.c road	1.000	97.250	3.650	0.070	0.000	24.847	-
Total Quantity					24.847375 cum (cum)		24.847375 Cum (Cubic Meter)	
Amount					24.847375 X 7431.05592514		184642.23	
<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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road sides	4.000	97.250	0.000	0.250	0.000	97.250	-
ii		2.000	97.250	0.000	0.170	0.000	33.065	-
Total Quantity					130.315 Sqm (Sqm)		130.315 Sqm (Square Meter)	
Amount					130.315 X 216.39264180804		28199.21	
<b>Total Amount</b>							<b>530461.46</b>	
<b>Addition</b>								
Provision for Contingency (+) @							5410.00	

Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	128.00
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>10538.00</b>
<b>Grand Net Total Amount</b>	<b>540999.46</b>

**BILASINI PRADHAN**  
**JE**  
**Rayagad Block**

**Sidharth Sankar Tripathy**  
**AEE**  
**Rayagad Block**

**Santosh Kumar Barik**  
**BDO**  
**Rayagad Block**