

## Detailed Estimate

**OD/353/3363/117561/414259/00073189 : Construction of Road from Nayaksahi to Padasahi (Karanjasahi) in  
Convergence with MGNREGA  
Block : Rayagad, Gram Panchayat : Putara  
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	92.500	0.250	0.150	0.000	6.938	-
Total Quantity					6.9375 cum (cum)		6.9375 Cum (Cubic Meter)	
Amount					6.9375 X 240.77592		1670.38	
<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	92.500	3.150	0.070	0.000	20.396	-
Total Quantity					20.39625 cum (cum)		20.39625 Cum (Cubic Meter)	
Amount					20.39625 X 1217.154232		24825.38	
<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	92.500	0.250	0.220	0.000	10.175	-

ii	c.c road	1.000	92.500	3.650	0.100	0.000	33.763	-
Total Quantity					43.9375 cum (cum)		43.9375 Cum (Cubic Meter)	
Amount					43.9375 X 6161.17874172		270706.79	
<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 specifaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	c.c road	1.000	92.500	3.650	0.070	0.000	23.634	-
Total Quantity					23.63375 cum (cum)		23.63375 Cum (Cubic Meter)	
Amount					23.63375 X 7666.76674564		181194.45	
<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 side wall	4.000	92.500	0.000	0.220	0.000	81.400	-
ii		2.000	92.500	0.000	0.170	0.000	31.450	-
Total Quantity					112.85 Sqm (Sqm)		112.85 Sqm (Square Meter)	
Amount					112.85 X 216.55039071844		24437.71	
<b>Total Amount</b>							<b>502834.72</b>	
<b>Addition</b>								
Provision for Contingency (+) @							5130.00	

Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	35.00
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>10165.00</b>
<b>Grand Net Total Amount</b>	<b>512999.72</b>

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

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

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