

## Detailed Estimate

**OD/353/3363/117554/414806/00073187 : Construction of Road with Culvert from Anchala village to Kalamasing in  
Convergence with MGNREGA  
Block : Rayagad, Gram Panchayat : 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	71.600	0.250	0.150	0.000	5.370	-
Total Quantity					5.37 cum (cum)		5.37 Cum (Cubic Meter)	
Amount					5.37 X 240.77592		1292.97	
<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	71.600	3.150	0.100	0.000	22.554	-
Total Quantity					22.554 cum (cum)		22.554 Cum (Cubic Meter)	
Amount					22.554 X 1085.652232		24485.80	
<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	71.600	0.250	0.250	0.000	8.950	-

ii	c.c road	1.000	71.600	3.650	0.100	0.000	26.134	-
Total Quantity					35.084 cum (cum)		35.084 Cum (Cubic Meter)	
Amount					35.084 X 5930.56529022		208067.95	
<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	71.600	3.650	0.070	0.000	18.294	-
Total Quantity					18.2938 cum (cum)		18.2938 Cum (Cubic Meter)	
Amount					18.2938 X 7431.05592514		135942.25	
<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	71.600	0.000	0.250	0.000	71.600	-
ii		2.000	71.600	0.000	0.170	0.000	24.344	-
Total Quantity					95.944 Sqm (Sqm)		95.944 Sqm (Square Meter)	
Amount					95.944 X 216.55039071844		20776.71	
<b>Total Amount</b>							<b>390565.68</b>	
<b>Addition</b>								
Provision for Contingency (+) @							4000.00	
Display Citizen Board (+) @							5000.00	

Any Other Lumpsum (+) @	434.00
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>9434.00</b>
<b>Grand Net Total Amount</b>	<b>399999.68</b>

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