

## Detailed Estimate

**OD/362/3464/119673/407320/00100940 : Construction of CC road from GP Office to Main road**

**Block : Khordha, Gram Panchayat : Keranga**

**Created By: BHASKAR CHANDRA RATH**

<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	Cut-off	2.000	440.000	0.500	0.330	0.000	145.200	-
<b>Total Quantity</b>						145.2 Cft (Cubic Foot)	4.11159936 Cum (Cubic Meter)	
<b>Amount</b>						<b>4.11159936 X 240.77592</b>	<b>989.97</b>	
<b>2. 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	Pot hole	1.000	150.000	8.000	0.330	0.000	396.000	-
<b>Total Quantity</b>						396 Cft (Cubic Foot)	11.2134528 Cum (Cubic Meter)	
<b>Amount</b>						<b>11.2134528 X 5688.4423615</b>	<b>63787.08</b>	
<b>3. 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	2.000	440.000	0.000	0.660	0.000	580.800	-

Total Quantity	580.8 Sft (Square Foot)	53.9580624 Sqm (Square Meter)
Amount	53.9580624 X 216.23489289764	11667.62

**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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut-off	2.000	440.000	0.500	0.660	0.000	290.400	-
ii	Top Layer	1.000	440.000	12.000	0.330	0.000	1742.400	-
Total Quantity					2032.8 Cft (Cubic Foot)		57.56239104 Cum (Cubic Meter)	
Amount					57.56239104 X 7136.7170145		410806.50	

**Total Amount (A) : 487251.17**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	4872.5116541927
2	Display Citizen Board @ Rs.2000	-	2000
3	Any Other Lumpsum @ Rs.5876	Other unforeseen items	5876

**Additional Components Amount (F) : 12748.511654193**

**Grand Total Amount (A + F) : 499999.67707347**

**BHASKAR CHANDRA RATH**  
JE  
Khordha Block

**MANAS RANJAN NAYAK**  
AEE  
Khordha Block

**Kshirabdhitanya Sahoo**  
BDO  
Khordha Block