

## Detailed Estimate

**OD/373/3584/121707/383719/00068531 : Construction of Cement Concrete Road from RD Road to Kantipada**  
**Block : Lephripara, Gram Panchayat : Sargipali**  
**Created By:Radhashyam Das**

<b>1. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation</b>								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC ROAD	1.000	76.000	3.500	0.000	0.000	266.000	-
Total Quantity					266 Sqm (Sqm)		266 Sqm (Square Meter)	
Amount					266 X 4.6662		1241.21	
<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	76.000	0.225	0.100	0.000	3.420	-
Total Quantity					3.42 cum (cum)		3.42 Cum (Cubic Meter)	
Amount					3.42 X 240.77592		823.45	
<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	CC ROAD	1.000	76.000	3.500	0.100	0.000	26.600	-
ii	deduct cut off	2.000	76.000	0.225	0.075	0.000	-	2.565
Total Quantity					24.035 cum (cum)		24.035 Cum (Cubic Meter)	

<b>Amount</b>		<b>24.035 X 1020.709232</b>					<b>24532.75</b>	
<b>4. 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	CC ROAD	1.000	76.000	3.500	0.100	0.000	26.600	-
ii	CUT OFF	2.000	76.000	0.225	0.100	0.000	3.420	-
Total Quantity					30.02 cum (cum)		30.02 Cum (Cubic Meter)	
<b>Amount</b>		<b>30.02 X 5292.86581402</b>					<b>158891.83</b>	
<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	CC ROAD	1.000	76.000	3.500	0.100	0.000	26.600	-
ii	deduct expansion joints	15.000	3.500	0.100	0.010	0.000	-	0.053
Total Quantity					26.5475 cum (cum)		26.5475 Cum (Cubic Meter)	
<b>Amount</b>		<b>26.5475 X 6775.91342574</b>					<b>179883.56</b>	
<b>6. 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	cc road	2.000	76.000	0.200	0.000	0.000	30.400	-

Total Quantity		30.4 Sqm (Sqm)		30.4 Sqm (Square Meter)				
Amount		30.4 X 216.70813962884		6587.93				
<b>7. miscellaneous (ARM017) : Inserting premoulded expansion joint including cleaning (labour only)(R.C.C. Works) and as directed by Engineer-in-Charge.</b>								
Inserting premoulded expansion joint including cleaning (labour only)(R.C.C. Works) and as directed by Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	expansion	15.000	3.500	0.000	0.000	0.000	52.500	-
Total Quantity		52.5 ft (Feet)		172.2441 Rmt (Meter)				
Amount		172.2441 X 2.01		346.21				
Total Amount		372306.94						
<b>Addition</b>								
Provision for Contingency (+) @		3819.00						
Display Citizen Board (+) @		5000.00						
Any Other Lumpsum (+) @		769.00						
Provision for survey investigation and quality control (+) @								
Total Addition		9588.00						
Grand Net Total Amount		381894.94						

JE  
Lephripara Block

Brusabhanu Bhoi  
AEE  
Lephripara Block

BDO LEPHRIPARA  
BDO  
Lephripara Block