

## Detailed Estimate

**OD/346/3305/116242/393138/00068321 : Const of CC Road from Rabindra Roul house to Antaryami Behera house**  
**Block : Nilgiri, Gram Panchayat : K.P.Lakharaj**  
**Created By:BAIDYANATH SINGH**

<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		2.000	162.000	0.750	0.660	0.000	160.380	-
Total Quantity					160.38 Cft (Cubic Foot)		4.541448384 Cum (Cubic Meter)	
<b>Amount</b>					<b>4.541448384 X 240.77592</b>		<b>1093.47</b>	
<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		2.000	162.000	0.750	0.330	0.000	80.190	-
ii		1.000	50.000	10.053	0.330	0.000	165.880	-
iii		1.000	50.000	10.637	0.330	0.000	175.505	-
iv		1.000	14.000	10.667	0.330	0.000	49.280	-
v		1.000	48.000	11.000	0.330	0.000	174.240	-
Total Quantity					645.095000154 Cft (Cubic Foot)		18.267026100361 Cum (Cubic Meter)	
<b>Amount</b>					<b>18.267026100361 X 987.278232</b>		<b>18034.64</b>	
<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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i		2.000	162.000	0.750	0.660	0.000	160.380	-	
ii		1.000	50.000	11.553	0.330	0.000	190.630	-	
iii		1.000	50.000	12.137	0.330	0.000	200.255	-	
iv		1.000	14.000	12.167	0.330	0.000	56.210	-	
v		1.000	48.000	12.500	0.330	0.000	198.000	-	
Total Quantity					805.475000154 Cft (Cubic Foot)		22.808474484361 Cum (Cubic Meter)		
Amount					22.808474484361 X 6296.62646226		143616.44		

**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		1.000	50.000	11.553	0.290	0.000	167.523	-	
ii		1.000	50.000	12.137	0.290	0.000	175.982	-	
iii		1.000	14.000	12.167	0.290	0.000	49.397	-	
iv		1.000	48.000	12.500	0.290	0.000	174.000	-	
Total Quantity					566.901666802 Cft (Cubic Foot)		16.052841118499 Cum (Cubic Meter)		
Amount					16.052841118499 X 7743.02507662		124297.55		

**5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc**

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		2.000	2.000	162.000	0.330	0.000	213.840	-
ii		1.000	2.000	162.000	0.660	0.000	213.840	-
Total Quantity					427.68 Sft (Square Foot)		39.73275504 Sqm (Square Meter)	
Amount					39.73275504 X 216.23489289764		8591.61	
Total Amount							295633.71	
<b>Addition</b>								
Provision for Contingency (+) @							1000.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							366.28	
Provision for survey investigation and quality control (+) @								
Total Addition							4366.28	
Grand Net Total Amount							299999.99	

**BAIDYANATH SINGH**  
JE  
Nilgiri Block

**Sarat kumar Upadhyay**  
AEE  
Nilgiri Block

**Bikram Kishore Parida**  
BDO  
Nilgiri Block