

## Detailed Estimate

**OD/346/3305/116237/393148/00068409 : Construction of CC road from Rabindra Mallik house to Banchhanidhi Mohanty house in Village Dhobasila.  
Block : Nilgiri, Gram Panchayat : Dhobasila  
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	Wall	2.000	160.000	0.750	0.660	0.000	158.400	-
Total Quantity					158.4 Cft (Cubic Foot)		4.48538112 Cum (Cubic Meter)	
<b>Amount</b>					<b>4.48538112 X 240.77592</b>		<b>1079.97</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	wall	2.000	160.000	0.750	0.330	0.000	79.200	-
ii	Base	1.000	32.000	10.780	0.330	0.000	113.837	-
iii	base	1.000	50.000	11.190	0.330	0.000	184.635	-
iv	Base	1.000	25.000	15.000	0.330	0.000	123.750	-
v	Base	1.000	20.000	14.000	0.330	0.000	92.400	-
vi	Base	1.000	33.000	13.410	0.330	0.000	146.035	-
Total Quantity					739.8567 Cft (Cubic Foot)		20.95037420256 Cum (Cubic Meter)	

Amount						20.95037420256 X 1184.531232	24816.37	
<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	Wall	2.000	160.000	0.750	0.660	0.000	158.400	-
ii	Base	1.000	32.000	12.280	0.330	0.000	129.677	-
iii	Base	1.000	50.000	12.690	0.330	0.000	209.385	-
iv	Base	1.000	25.000	16.500	0.330	0.000	136.125	-
v	Base	1.000	20.000	15.500	0.330	0.000	102.300	-
vi	Base	1.000	33.000	14.910	0.330	0.000	162.370	-
Total Quantity					898.2567 Cft (Cubic Foot)		25.43575532256 Cum (Cubic Meter)	
Amount					25.43575532256 X 6269.83515176		159477.99	
<b>4. 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	Wall	2.000	160.000	2.000	0.330	0.000	211.200	-
ii	Base	1.000	160.000	2.000	0.660	0.000	211.200	-
Total Quantity					422.4 Sft (Square Foot)		39.2422272 Sqm (Square Meter)	
Amount					39.2422272 X 216.23489289764		8485.54	

**5. 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	Base	1.000	32.000	12.780	0.290	0.000	118.598	-
ii	Base	1.000	50.000	13.190	0.290	0.000	191.255	-
iii	Base	1.000	25.000	17.000	0.290	0.000	123.250	-
iv	Base	1.000	20.000	16.000	0.290	0.000	92.800	-
v	Base	1.000	33.000	15.410	0.290	0.000	147.474	-
Total Quantity					673.3771 Cft (Cubic Foot)		19.06788466528 Cum (Cubic Meter)	
Amount					19.06788466528 X 7711.40465312		147040.17	
Total Amount							340900.05	
<b>Addition</b>								
Provision for Contingency (+) @							3409.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							690.50	
Provision for survey investigation and quality control (+) @								
Total Addition							9099.50	
Grand Net Total Amount							349999.55	

BAIDYANATH SINGH  
JE  
Nilgiri Block

Sarat kumar Upadhyay  
AEE  
Nilgiri Block

Bikram Kishore Parida  
BDO  
Nilgiri Block