

## Detailed Estimate

**OD/369/3537/120898/410019/00069700 : Construction of CC road from Handiali water tank to Gadarodanga College**  
**Block : Brahmagiri, Gram Panchayat : Grahrodanga**  
**Created By:PABITRA MALLICK**

<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	152.000	0.830	0.500	1.000	126.160	-
Total Quantity					126.16 Cft (Cubic Foot)		3.572447488 Cum (Cubic Meter)	
<b>Amount</b>					<b>3.572447488 X 240.77592</b>		<b>860.16</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	CUT OFF	2.000	152.000	0.830	0.250	1.000	63.080	-
ii	SUB BASE	1.000	152.000	10.330	0.160	1.000	251.226	-
Total Quantity					314.3056 Cft (Cubic Foot)		8.90012881408 Cum (Cubic Meter)	
<b>Amount</b>					<b>8.90012881408 X 933.808832</b>		<b>8311.02</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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	CUT OFF	2.000	152.000	0.830	0.580	1.000	146.346	-
ii	BASE	1.000	152.000	10.330	0.330	1.000	518.153	-
Total Quantity					664.4984 Cft (Cubic Foot)		18.81646829312 Cum (Cubic Meter)	
Amount					18.81646829312 X 6036.28721394		113581.61	
<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	ROAD	2.000	152.000	1.000	0.580	1.000	176.320	-
Total Quantity					176.32 Sft (Square Foot)		16.38065696 Sqm (Square Meter)	
Amount					16.38065696 X 216.23489289764		3542.07	
<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	WEARING COAT	1.000	152.000	12.000	0.290	1.000	528.960	-
Total Quantity					528.96 Cft (Cubic Foot)		14.978454528 Cum (Cubic Meter)	
Amount					14.978454528 X 7527.46139878		112749.74	
Total Amount							239044.59	
<b>Addition</b>								
Provision for Contingency (+) @							2440.00	

Display Citizen Board (+) @	2500.00
Any Other Lumpsum (+) @	715.00
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>5655.00</b>
<b>Grand Net Total Amount</b>	<b>244699.59</b>

**PABITRA MALLICK**  
**JE**  
**Brahmagiri Block**

**Sudipta Rout**  
**AEE**  
**Brahmagiri Block**

**PuriBdoBrahmagiri**  
**BDO**  
**Brahmagiri Block**