

Detailed Estimate

**OD/367/3530/275505/406814/00017216 : Construction of CC Road from Subash Swain house to Main Road at Giridharapur
Block : Ranapur, Gram Panchayat : Gadabanikilo
Created By:ARATI PRABHA MEKAP**

1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff wall	2.000	35.100	0.200	0.200	0.000	2.808	-
ii	Road	1.000	35.100	3.200	0.100	0.000	11.232	-
Total Quantity					14.04 cum (cum)		14.04 Cum (Cubic Meter)	
Amount					14.04 X 240.77592		3380.49	
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff wall	2.000	35.100	0.200	0.100	0.000	1.404	-
ii	Road	1.000	35.100	3.200	0.100	0.000	11.232	-
Total Quantity					12.636 cum (cum)		12.636 Cum (Cubic Meter)	
Amount					12.636 X 833.384532		10530.65	
3. 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 specifaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	35.100	3.600	0.075	0.000	9.477	-
ii	Construction joint	12.000	3.600	0.006	0.175	0.000	-	0.045

Total Quantity			9.43164 cum (cum)				9.43164 Cum (Cubic Meter)	
Amount			9.43164 X 7435.5245651				70129.19	
4. Concrete (AR0309) : Cement Concrete (1:3:6) with 12mm size hard granite (Crusher Broken) chips								
Cement Concrete (1:3:6) with 12mm size hard granite (Crusher Broken) chips 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 as per specification and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff wall	2.000	35.100	0.200	0.100	0.000	1.404	-
ii	Road	1.000	35.100	3.200	0.110	0.000	12.355	-
Total Quantity			13.7592 cum (cum)				13.7592 Cum (Cubic Meter)	
Amount			13.7592 X 6621.3110855				91103.94	
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Shuttering	2.000	35.100	0.000	0.175	0.000	12.285	-
Total Quantity			12.285 Sqm (Sqm)				12.285 Sqm (Square Meter)	
Amount			12.285 X 216.55039071844				2660.32	
Total Amount							177804.60	
Addition								
Provision for Contingency (+) @							1778.05	
Display Citizen Board (+) @							2000.00	
Any Other Lumpsum (+) @							4949.00	
Total Addition							8727.05	
Grand Net Total Amount							186531.64	