

## Detailed Estimate

**OD/353/3360/117490/413525/00071640 : Construction of CC road Pipel Sahi to Mandap sahi**  
**Block : Mohona, Gram Panchayat : Alliganda**  
**Created By:Rajashree Panda**

<b>1. Earth Work (AR0103a) : Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift</b>								
Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff 1	2.000	30.000	0.230	0.230	0.000	3.174	-
ii	Cutoff 2	2.000	8.100	0.230	0.230	0.000	0.857	-
iii	Cutoff 3	2.000	19.000	0.230	0.230	0.000	2.010	-
iv	Road 1	1.000	30.000	3.190	0.100	0.000	9.570	-
v	Road 2	1.000	8.100	3.170	0.100	0.000	2.568	-
vi	Road 3	1.000	19.000	5.840	0.100	0.000	11.096	-
Total Quantity					29.27488 cum (cum)		29.27488 Cum (Cubic Meter)	
<b>Amount</b>					<b>29.27488 X 312.915372</b>		<b>9160.56</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	Cutoff 1	2.000	30.000	0.230	0.050	0.000	0.690	-
ii	Cutoff 2	2.000	8.100	0.230	0.050	0.000	0.186	-
iii	Cutoff 3	2.000	19.000	0.230	0.050	0.000	0.437	-
iv	Road 1	1.000	30.000	3.190	0.100	0.000	9.570	-

v	Road 2	1.000	8.100	3.170	0.100	0.000	2.568	-
vi	Road 3	1.000	19.000	5.840	0.100	0.000	11.096	-
Total Quantity					24.547 cum (cum)		24.547 Cum (Cubic Meter)	
Amount					24.547 X 717.446632		17611.16	

### 3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

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	Cutoff 1	2.000	30.000	0.230	0.230	0.000	3.174	-
ii	Cutoff 2	2.000	8.100	0.230	0.230	0.000	0.857	-
iii	Cutoff 3	2.000	19.000	0.230	0.230	0.000	2.010	-
iv	Road 1	1.000	30.000	3.190	0.075	0.000	7.178	-
v	Road 2	1.000	8.100	3.170	0.075	0.000	1.926	-
vi	Road 3	1.000	19.000	5.840	0.075	0.000	8.322	-
Total Quantity					23.466455 cum (cum)		23.466455 Cum (Cubic Meter)	
Amount					23.466455 X 5378.34892142		126210.78	

### 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road 1	1.000	30.000	3.650	0.075	0.000	8.213	-
ii	Road 2	1.000	8.100	3.630	0.075	0.000	2.205	-
iii	Road 3	1.000	19.000	6.300	0.075	0.000	8.978	-

Total Quantity		19.395225 cum (cum)		19.395225 Cum (Cubic Meter)				
Amount		19.395225 X 6902.94736754		133884.22				
<b>5. 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 1	2.000	30.000	0.000	0.127	0.000	7.620	-
ii	Road 2	2.000	8.100	0.000	0.127	0.000	2.057	-
iii	Road 3	2.000	19.000	0.000	0.127	0.000	4.826	-
Total Quantity				14.5034 Sqm (Sqm)		14.5034 Sqm (Square Meter)		
Amount				14.5034 X 216.2979924618		3137.06		
Total Amount						290003.78		
<b>Addition</b>								
Provision for Contingency (+) @							2900.04	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							2000.00	
Provision for survey investigation and quality control (+) @								
<b>Total Addition</b>							<b>9900.04</b>	
<b>Grand Net Total Amount</b>							<b>299903.82</b>	

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