

Detailed Estimate

**OD/361/3453/119485/385916/00067205 : CONST. OF CC ROAD FROM MUNDA SAHI TO BAITARANI RIVER,
MIRIGIKHOJI**

Block : Patana, Gram Panchayat : Mirigikhoji

Created By:Soumya Ranjan Behera

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	2.000	70.500	0.200	0.200	0.000	5.640	-
Total Quantity					5.64 cum (cum)		5.64 Cum (Cubic Meter)	
Amount					5.64 X 240.77592		1357.98	
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	2.000	70.500	0.200	0.100	0.000	2.820	-
ii	Road Surface	1.000	70.500	2.950	0.100	0.000	20.798	-
Total Quantity					23.6175 cum (cum)		23.6175 Cum (Cubic Meter)	
Amount					23.6175 X 705.750832		16668.07	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff Wall	2.000	70.500	0.200	0.300	0.000	8.460	-

ii	Road Surface	1.000	70.500	2.950	0.100	0.000	20.798	-
Total Quantity					29.2575 cum (cum)		29.2575 Cum (Cubic Meter)	
Amount					29.2575 X 6108.52178774		178720.08	
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 Surface	1.000	70.500	3.350	0.100	0.000	23.618	-
Total Quantity					23.6175 cum (cum)		23.6175 Cum (Cubic Meter)	
Amount					23.6175 X 7583.67906938		179107.54	
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	Cutoff Inside	2.000	70.500	0.000	0.200	0.000	28.200	-
ii	Road Outside	2.000	70.500	0.000	0.300	0.000	42.300	-
Total Quantity					70.5 Sqm (Sqm)		70.5 Sqm (Square Meter)	
Amount					70.5 X 216.23489289764		15244.56	
Total Amount							391098.22	
Addition								
Provision for Contingency (+) @							4000.00	
Display Citizen Board (+) @							3000.00	

Any Other Lumpsum (+) @	1901.77
Provision for survey investigation and quality control (+) @	
Total Addition	8901.77
Grand Net Total Amount	399999.99

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Patana Block

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