

Detailed Estimate

**OD/348/3323/116617/394725/00016201 : Improvement Of Road From Panchapada Mahadev Temple To Jena Sahi Road, Ward
No. 9, Bandhagaon G.P.
Block : Bhadrak, Gram Panchayat : Bandhagan
Created By: SATYAJIT MOHANTY**

1. Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil 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	C.Wall	2.000	34.500	0.225	0.150	0.000	2.329	-
Total Quantity					2.32875 cum (cum)		2.32875 Cum (Cubic Meter)	
Amount					2.32875 X 200.6466		467.26	
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	C.wall	2.000	34.500	0.225	0.050	0.000	0.776	-
ii	Bed	1.000	34.500	2.550	0.075	0.000	6.598	-
Total Quantity					7.374375 cum (cum)		7.374375 Cum (Cubic Meter)	
Amount					7.374375 X 1277.855232		9423.38	
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	C.W	2.000	34.500	0.225	0.175	0.000	2.717	-
ii	Bed	1.000	34.500	3.000	0.075	0.000	7.763	-
Total Quantity					10.479375 cum (cum)		10.479375 Cum (Cubic Meter)	

Amount						10.479375 X 6563.32976098	68779.59	
4. 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	C.W	4.000	34.500	0.000	0.075	0.000	10.350	-
ii	Bed	2.000	34.500	0.000	0.075	0.000	5.175	-
Total Quantity					15.525 Sqm (Sqm)		15.525 Sqm (Square Meter)	
Amount						15.525 X 216.55039071844	3361.94	
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 specifaicaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	34.500	3.000	0.070	0.000	7.245	-
Total Quantity					7.245 cum (cum)		7.245 Cum (Cubic Meter)	
Amount						7.245 X 8048.97696726	58314.84	
Total Amount							140347.02	
Addition								
Provision for Contingency (+) @							1437.00	
Display Citizen Board (+) @							2003.90	
Any Other Lumpsum (+) @								
Total Addition							3440.90	
Grand Net Total Amount							143787.92	