

## Detailed Estimate

**OD/361/3452/119460/386088/00066873 : Const of CC road from Mangalu Mahanta house to Judhistira**

**MahantaHhouse at Haladharapur**

**Block : Kendujhar Sadar, Gram Panchayat : Maidankel**

**Created By:Kandarpa Palei**

<b>1. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation</b>								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road base	1.000	164.000	12.000	0.000	0.000	1968.000	-
Total Quantity					1968 Sft (Square Foot)		182.833104 Sqm (Square Meter)	
Amount					182.833104 X 4.6662		853.14	
<b>2. 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	Cutoff wall	2.000	164.000	0.830	0.500	0.000	136.120	-
Total Quantity					136.12 Cft (Cubic Foot)		3.854482816 Cum (Cubic Meter)	
Amount					3.854482816 X 240.77592		928.07	
<b>3. 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 wall	2.000	164.000	0.830	0.250	0.000	68.060	-

ii	Road base	1.000	164.000	10.340	0.250	0.000	423.940	-
Total Quantity					492 Cft (Cubic Foot)		13.9318656 Cum (Cubic Meter)	
Amount					13.9318656 X 1053.089832		14671.51	
<b>4. 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	Cutoff wall	2.000	164.000	0.830	0.660	0.000	179.678	-
ii	Road base	1.000	164.000	10.340	0.330	0.000	559.601	-
Total Quantity					739.2792 Cft (Cubic Foot)		20.93402125056 Cum (Cubic Meter)	
Amount					20.93402125056 X 6075.04023724		127175.02	
<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	164.000	12.000	0.330	0.000	649.440	-
Total Quantity					649.44 Cft (Cubic Foot)		18.390062592 Cum (Cubic Meter)	
Amount					18.390062592 X 7545.78654588		138767.49	
<b>6. 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	Cutoff wall	4.000	164.000	0.000	0.500	0.000	328.000	-
ii	Road	2.000	164.000	0.000	0.330	0.000	108.240	-
Total Quantity					436.24 Sft (Square Foot)		40.52800472 Sqm (Square Meter)	
Amount					40.52800472 X 216.23489289764		8763.57	
Total Amount							291158.79	
<b>Addition</b>								
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							841.20	
Provision for survey investigation and quality control (+) @								
Total Addition							8841.20	
Grand Net Total Amount							299999.99	

**Kandarpa Palei**  
JE  
Kendujhar Sadar Block

**Sabyasachi Pradhan**  
AEE  
Kendujhar Sadar Block

**Binod Chandra Panda**  
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