

## Detailed Estimate

**OD/355/3388/118095/397274/00065820 : Improvement of Road from Chhatrakandha to Sunadiakandha (Village-Chhatrakandha)**

**Block : Erasama, Gram Panchayat : Bamadeipur**

**Created By: Bibhuti Bhusan Sathpathy**

<b>1. Earth Work (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift</b>								
Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff-Wall	2.000	180.700	0.150	0.150	0.000	8.132	-
ii	Road	1.000	180.700	2.700	0.100	0.000	48.789	-
Total Quantity					56.9205 cum (cum)		56.9205 Cum (Cubic Meter)	
Amount					56.9205 X 179.18208		10199.13	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	180.700	2.700	0.100	0.000	48.789	-
Total Quantity					48.789 cum (cum)		48.789 Cum (Cubic Meter)	
Amount					48.789 X 835.434832		40760.03	
<b>3. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	CutOff-Wall	2.000	180.700	0.150	0.150	0.000	8.132	-

ii	Road	1.000	180.700	3.000	0.100	0.000	54.210	-
Total Quantity					62.3415 cum (cum)		62.3415 Cum (Cubic Meter)	
Amount					62.3415 X 6498.92825228		405152.94	
<b>4. 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	Road	1.000	180.700	3.000	0.100	0.000	54.210	-
Total Quantity					54.21 cum (cum)		54.21 Cum (Cubic Meter)	
Amount					54.21 X 8003.19064736		433852.96	
<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	Sides	2.000	180.700	0.000	0.200	0.000	72.280	-
Total Quantity					72.28 Sqm (Sqm)		72.28 Sqm (Square Meter)	
Amount					72.28 X 216.23489289764		15629.46	
Total Amount							905594.52	
<b>Addition</b>								
Provision for Contingency (+) @							9055.95	
Display Citizen Board (+) @							3124.00	
Any Other Lumpsum (+) @								

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>12179.95</b>
<b>Grand Net Total Amount</b>	<b>917774.47</b>

**Bibhuti Bhusan Sathpathy**  
**JE**  
**Erasama Block**

**Dipti Rekha Mallick**  
**AEE**  
**Erasama Block**

**Sri Dasarathi Jena**  
**BDO**  
**Erasama Block**