

## Detailed Estimate

**OD/361/3452/119456/385945/00068177 : CONST. OF CC ROAD FROM SUNARAM MAJHI HOUSE TO JAGADAL RIVER**  
**Block : Kendujhar Sadar, Gram Panchayat : Kandaraposi**  
**Created By:Ranjan Kumar Swain**

<b>1. 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	2.000	166.000	0.660	0.660	0.000	144.619	-
Total Quantity					144.6192 Cft (Cubic Foot)		4.09515296256 Cum (Cubic Meter)	
<b>Amount</b>					<b>4.09515296256 X 240.77592</b>		<b>986.01</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	2.000	166.000	0.660	0.160	0.000	35.059	-
ii	Roadbase	1.000	166.000	10.760	0.160	0.000	285.786	-
Total Quantity					320.8448 Cft (Cubic Foot)		9.08529803264 Cum (Cubic Meter)	
<b>Amount</b>					<b>9.08529803264 X 1146.009832</b>		<b>10411.84</b>	
<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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	Cutoff	2.000	166.000	0.660	0.660	0.000	144.619	-
ii	Roadbase	1.000	166.000	10.760	0.330	0.000	589.433	-
Total Quantity					734.052 Cft (Cubic Foot)		20.7860036736 Cum (Cubic Meter)	
Amount					20.7860036736 X 6195.67116082		128783.24	
<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	Roadbase	1.000	166.000	12.080	0.330	0.000	661.742	-
Total Quantity					661.7424 Cft (Cubic Foot)		18.73842719232 Cum (Cubic Meter)	
Amount					18.73842719232 X 7635.12846534		143070.30	
<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	Cutoff	4.000	166.000	0.000	0.660	0.000	438.240	-
ii	Roadbase	2.000	166.000	0.000	0.330	0.000	109.560	-
Total Quantity					547.8 Sft (Square Foot)		50.8922634 Sqm (Square Meter)	
Amount					50.8922634 X 216.23489289764		11004.68	
Total Amount							294256.08	
Addition								

Provision for Contingency (+) @	3009.00
Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	677.92
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>6686.92</b>
<b>Grand Net Total Amount</b>	<b>300943.00</b>

**Ranjan Kumar Swain**  
**JE**  
**Kendujhar Sadar Block**

**Sabyasachi Pradhan**  
**AEE**  
**Kendujhar Sadar Block**

**Binod Chandra Panda**  
**BDO**  
**Kendujhar Sadar Block**