

## Detailed Estimate

**OD/355/3389/118119/397844/00016908 : Const. of CC Road from Samal Sahi Polagada to Sambhu Nayak House, Vill-  
Kakudikhandia**

**Block : Jagatsinghpur, Gram Panchayat : Ayar**

**Created By:Dillip Kumar Dash**

<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	Widening	2.000	20.000	0.500	0.200	0.000	4.000	-
ii	Cut off	1.000	12.000	0.300	0.200	0.000	0.720	-
Total Quantity					4.72 cum (cum)		4.72 Cum (Cubic Meter)	
Amount					4.72 X 179.18208		845.74	
<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	Widening	2.000	20.000	0.275	0.100	0.000	1.100	-
Total Quantity					1.1 cum (cum)		1.1 Cum (Cubic Meter)	
Amount					1.1 X 544.049832		598.45	
<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	Widening	2.000	20.000	0.275	0.100	0.000	1.100	-

ii	Cut off	1.000	12.000	0.300	0.450	0.000	1.620	-
iii	Pot hole	1.000	5.000	1.000	0.100	0.000	0.500	-
iv		1.000	3.000	1.500	0.100	0.000	0.450	-
v	Widening side cut off	2.000	20.000	0.225	0.200	0.000	1.800	-
Total Quantity					5.47 cum (cum)		5.47 Cum (Cubic Meter)	
Amount					5.47 X 6636.99065678		36304.34	

#### 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Crust	1.000	20.000	4.000	0.100	0.000	8.000	-
ii		1.000	77.000	3.000	0.100	0.000	23.100	-
Total Quantity					31.1 cum (cum)		31.1 Cum (Cubic Meter)	
Amount					31.1 X 8168.81968886		254050.29	

#### 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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	2.000	97.000	0.100	0.000	0.000	19.400	-
Total Quantity					19.4 Sqm (Sqm)		19.4 Sqm (Square Meter)	
Amount					19.4 X 216.23489289764		4194.96	
Total Amount							295993.78	

<b>Addition</b>	
Provision for Contingency (+) @	2959.94
Display Citizen Board (+) @	1046.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>4005.94</b>
<b>Grand Net Total Amount</b>	<b>299999.72</b>

**Dillip Kumar Dash**  
**JE**  
**Jagatsinghpur Block**

**Sri Susanta Kumar Rout**  
**AEE**  
**Jagatsinghpur Block**

**Sri Ashutosh Mishra**  
**BDO**  
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