

## Detailed Estimate

**OD/346/3304/116213/393557/00065306 : Improvement of CC road from Abhaya Mohanty house to Sankar Mohanty at Sadikpur.**

**Block : Khaira, Gram Panchayat : Jalada**

**Created By: Santosh Kumar Prusty**

<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	28.250	0.225	0.100	0.000	1.271	-
Total Quantity					1.27125 cum (cum)		1.27125 Cum (Cubic Meter)	
Amount					1.27125 X 240.77592		306.09	
<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	Cut off	2.000	28.250	0.225	0.050	0.000	0.636	-
ii	Bed	1.000	12.000	2.575	0.100	0.000	3.090	-
iii	Bed	1.000	16.250	2.600	0.100	0.000	4.225	-
Total Quantity					7.950625 cum (cum)		7.950625 Cum (Cubic Meter)	
Amount					7.950625 X 1596.207232		12690.85	
<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	Cut off	2.000	28.250	0.225	0.150	0.000	1.907	-
ii	Bed	1.000	12.000	3.025	0.090	0.000	3.267	-
iii	Bed	1.000	16.250	3.050	0.090	0.000	4.461	-
Total Quantity					9.6345 cum (cum)		9.6345 Cum (Cubic Meter)	
Amount					9.6345 X 6825.8515587		65763.67	
<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	Bed	1.000	12.000	3.025	0.090	0.000	3.267	-
ii	Bed	1.000	16.250	3.050	0.080	0.000	3.965	-
Total Quantity					7.232 cum (cum)		7.232 Cum (Cubic Meter)	
Amount					7.232 X 8215.2199009		59412.47	
<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	cut off	4.000	28.250	0.000	0.100	0.000	11.300	-
ii	Bed	2.000	28.250	0.000	0.180	0.000	10.170	-
Total Quantity					21.47 Sqm (Sqm)		21.47 Sqm (Square Meter)	
Amount					21.47 X 216.23489289764		4642.56	
Total Amount							142815.63	

<b>Addition</b>	
Provision for Contingency (+) @	22.35
Display Citizen Board (+) @	950.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>972.35</b>
<b>Grand Net Total Amount</b>	<b>143787.98</b>

**Santosh Kumar Prusty**  
JE  
Khaira Block

**Bibhuti Bhusan Nayak**  
AEE  
Khaira Block

**Narayan Sahu**  
BDO  
Khaira Block