

## Detailed Estimate

**OD/346/3304/116214/394043/00074735 : Const of cc road from Mangala Thakurani to Ganapati Sahoo house**  
**Block : Khaira, Gram Panchayat : Jhinkiria**  
**Created By:Shradhananda Panigrahi**

<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		2.000	164.000	0.750	0.500	0.000	123.000	-
Total Quantity					123 Cft (Cubic Foot)		3.4829664 Cum (Cubic Meter)	
Amount					3.4829664 X 240.77592		838.61	
<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		2.000	164.000	0.750	0.250	0.000	61.500	-
ii		1.000	164.000	8.500	0.330	0.000	460.020	-
Total Quantity					521.52 Cft (Cubic Foot)		14.767777536 Cum (Cubic Meter)	
Amount					14.767777536 X 1568.331232		23160.77	
<b>3. 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		2.000	164.000	0.000	0.330	2.000	216.480	-
ii		1.000	164.000	0.000	0.660	2.000	216.480	-
Total Quantity					432.96 Sft (Square Foot)		40.22328288 Sqm (Square Meter)	
Amount					40.22328288 X 216.23489289764		8697.68	
<b>4. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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		2.000	164.000	0.750	0.583	0.000	143.418	-
ii		1.000	164.000	10.000	0.330	0.000	541.200	-
Total Quantity					684.618 Cft (Cubic Foot)		19.3861909824 Cum (Cubic Meter)	
Amount					19.3861909824 X 6836.03180926		132524.62	
<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		1.000	164.000	10.000	0.330	0.000	541.200	-
Total Quantity					541.2 Cft (Cubic Foot)		15.32505216 Cum (Cubic Meter)	
Amount					15.32505216 X 8424.68245962		129108.70	
Total Amount							294330.37	
<b>Addition</b>								

Provision for Contingency (+) @	2943.30
Display Citizen Board (+) @	1000.00
Any Other Lumpsum (+) @	1726.00
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>5669.30</b>
<b>Grand Net Total Amount</b>	<b>299999.68</b>

**Shradhananda Panigrahi**  
**JE**  
**Khaira Block**

**Uttam Ku Sahoo**  
**AEE**  
**Khaira Block**

**Narayan Sahu**  
**BDO**  
**Khaira Block**