

## Detailed Estimate

**OD/346/3304/116216/394207/00076282 : Const of CC road from Champulipada Incomplete CC road to Barapada Playground**

**Block : Khaira, Gram Panchayat : Kapeya**

**Created By:AMIYA KUMAR DAS**

<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	175.000	0.660	0.500	0.000	115.500	-
Total Quantity					115.5 Cft (Cubic Foot)		3.2705904 Cum (Cubic Meter)	
Amount					3.2705904 X 240.77592		787.48	
<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	175.000	0.660	0.150	0.000	34.650	-
ii		1.000	175.000	8.680	0.330	0.000	501.270	-
Total Quantity					535.92 Cft (Cubic Foot)		15.175539456 Cum (Cubic Meter)	
Amount					15.175539456 X 1568.331232		23800.27	
<b>3. 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	175.000	0.660	0.660	0.000	152.460	-
ii		1.000	175.000	8.680	0.330	0.000	501.270	-
Total Quantity					653.73 Cft (Cubic Foot)		18.511541664 Cum (Cubic Meter)	
Amount					18.511541664 X 6836.03180926		126545.49	
<b>4. 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	175.000	0.660	0.000	0.000	231.000	-
Total Quantity					231 Sft (Square Foot)		21.460593 Sqm (Square Meter)	
Amount					21.460593 X 216.23489289764		4640.53	
<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	175.000	10.000	0.330	0.000	577.500	-
Total Quantity					577.5 Cft (Cubic Foot)		16.352952 Cum (Cubic Meter)	
Amount					16.352952 X 8424.68245962		137768.43	
Total Amount							293542.20	
<b>Addition</b>								
Provision for Contingency (+) @							1000.00	

Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	457.80
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>6457.80</b>
<b>Grand Net Total Amount</b>	<b>300000.00</b>

**AMIYA KUMAR DAS**  
**JE**  
**Khaira Block**

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

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