

## Detailed Estimate

**OD/346/3304/116228/393480/00076273 : Const. of CC road from Chandratikiri RD road to Sridhar Panda house**  
**Block : Khaira, Gram Panchayat : Sarugan**  
**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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	67.000	0.225	0.150	0.000	4.523	-
Total Quantity					4.5225 cum (cum)		4.5225 Cum (Cubic Meter)	
Amount					4.5225 X 240.77592		1088.91	
<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	Cut off	2.000	67.000	0.225	0.050	0.000	1.508	-
ii	Bed	1.000	67.000	2.600	0.100	0.000	17.420	-
Total Quantity					18.9275 cum (cum)		18.9275 Cum (Cubic Meter)	
Amount					18.9275 X 1661.251232		31443.33	
<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	Cut off	2.000	67.000	0.225	0.200	0.000	6.030	-

ii	Bed	1.000	67.000	3.050	0.100	0.000	20.435	-
Total Quantity					26.465 cum (cum)		26.465 Cum (Cubic Meter)	
Amount					26.465 X 6731.2476867		178142.47	
<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	67.000	3.050	0.100	0.000	20.435	-
Total Quantity					20.435 cum (cum)		20.435 Cum (Cubic Meter)	
Amount					20.435 X 8315.5007809		169927.26	
<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	67.000	0.000	0.100	0.000	26.800	-
ii	Bed	2.000	67.000	0.000	0.200	0.000	26.800	-
Total Quantity					53.6 Sqm (Sqm)		53.6 Sqm (Square Meter)	
Amount					53.6 X 216.23489289764		11590.19	
<b>Total Amount</b>							<b>392192.16</b>	
<b>Addition</b>								
Provision for Contingency (+) @							1960.96	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							846.85	

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>7807.81</b>
<b>Grand Net Total Amount</b>	<b>399999.97</b>

**Santosh Kumar Prusty**  
**JE**  
**Khaira Block**

**Bibhuti Bhusan Nayak**  
**AEE**  
**Khaira Block**

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