

## Detailed Estimate

**OD/346/3304/116213/393557/00065322 : Improvement of Sadikpur Dasa Sahi road with CC/Gr-II Metalling 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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	35.500	0.225	0.100	0.000	1.598	-
Total Quantity					1.5975 cum (cum)		1.5975 Cum (Cubic Meter)	
<b>Amount</b>					<b>1.5975 X 240.77592</b>		<b>384.64</b>	
<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	35.500	0.225	0.050	0.000	0.799	-
ii	Bed	1.000	28.500	2.600	0.100	0.000	7.410	-
iii	Bed	1.000	7.000	2.600	0.100	0.000	1.820	-
Total Quantity					10.02875 cum (cum)		10.02875 Cum (Cubic Meter)	
<b>Amount</b>					<b>10.02875 X 1596.207232</b>		<b>16007.96</b>	
<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	35.500	0.225	0.150	0.000	2.396	-
ii	Bed	1.000	28.500	3.050	0.090	0.000	7.823	-
iii	Bed	1.000	7.000	3.050	0.095	0.000	2.028	-
Total Quantity					12.24775 cum (cum)		12.24775 Cum (Cubic Meter)	
Amount					12.24775 X 6825.8515587		83601.32	

#### 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	Bed	1.000	28.500	3.050	0.090	0.000	7.823	-
ii	Bed	1.000	7.000	3.050	0.090	0.000	1.922	-
Total Quantity					9.74475 cum (cum)		9.74475 Cum (Cubic Meter)	
Amount					9.74475 X 8215.2199009		80055.26	

#### 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	Cut off	4.000	35.500	0.000	0.100	0.000	14.200	-
ii	Bed	2.000	28.500	0.000	0.180	0.000	10.260	-
iii	Bed	2.000	7.000	0.000	0.185	0.000	2.590	-
Total Quantity					27.05 Sqm (Sqm)		27.05 Sqm (Square Meter)	
Amount					27.05 X 216.23489289764		5849.15	

<b>Total Amount</b>	<b>185898.34</b>
<b>Addition</b>	
Provision for Contingency (+) @	33.65
Display Citizen Board (+) @	600.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>633.65</b>
<b>Grand Net Total Amount</b>	<b>186531.99</b>

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

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

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