

## Detailed Estimate

**OD/347/3315/116437/380527/00018605 : Imp. of Road with CC/ Grade-II Metalling from Upparpada to Bheluankanta**  
**Block : Bheden, Gram Panchayat : Bakti**  
**Created By:Chiranjib Kumar Nath**

<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	63.000	0.200	0.170	1.000	4.284	-
Total Quantity					4.284 cum (cum)		4.284 Cum (Cubic Meter)	
Amount					4.284 X 240.77592		1031.48	
<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	Cut Off	2.000	63.000	0.200	0.050	1.000	1.260	-
ii	Road	1.000	63.000	3.200	0.100	1.000	20.160	-
Total Quantity					21.42 cum (cum)		21.42 Cum (Cubic Meter)	
Amount					21.42 X 630.000832		13494.62	
<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	63.000	0.200	0.170	1.000	4.284	-

ii	Road	1.000	63.000	3.600	0.100	1.000	22.680	-
Total Quantity					26.964 cum (cum)		26.964 Cum (Cubic Meter)	
Amount					26.964 X 5418.16893296		146095.51	
<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Outer	2.000	63.000	0.000	0.300	1.000	37.800	-
ii	Inner	2.000	63.000	0.000	0.200	1.000	25.200	-
Total Quantity					63 Sqm (Sqm)		63 Sqm (Square Meter)	
Amount					63 X 216.39264180804		13632.74	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	63.000	3.650	0.075	1.000	17.246	-
Total Quantity					17.24625 cum (cum)		17.24625 Cum (Cubic Meter)	
Amount					17.24625 X 7033.98082652		121309.79	
Total Amount							295564.14	
<b>Addition</b>								
Provision for Contingency (+) @							1435.80	
Display Citizen Board (+) @							3000.00	

Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>4435.80</b>
<b>Grand Net Total Amount</b>	<b>299999.94</b>

**Chiranjib Kumar Nath**  
**JE**  
**Bheden Block**

**Sunil Kumar Prusty**  
**AEE**  
**Bheden Block**

**KARNA SUNA**  
**BDO**  
**Bheden Block**