

## Detailed Estimate

**OD/362/3460/119607/407519/00013207 : Const. of Road from Kalajhari Village Canal Bandha Road**  
**Block : Bhubaneswar, Panchayat : Kalyanpur**  
**Created By:Suchismita Satpathy**

<b>1. Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift</b>								
Earth work in hard soil or gravelly soil 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road wall	2.000	180.000	0.500	0.500	0.000	90.000	-
Total Quantity					90 Cft (Cubic Foot)		2.548512 Cum (Cubic Meter)	
<b>Amount</b>					<b>2.548512 X 196.3036</b>		<b>500.28</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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	180.000	12.000	0.300	0.000	648.000	-
Total Quantity					648 Cft (Cubic Foot)		18.3492864 Cum (Cubic Meter)	
<b>Amount</b>					<b>18.3492864 X 501.381372</b>		<b>9199.99</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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	180.000	12.000	0.330	0.000	712.800	-
Total Quantity					712.8 Cft (Cubic Foot)		20.18421504 Cum (Cubic Meter)	
<b>Amount</b>					<b>20.18421504 X 5894.7549403</b>		<b>118981.00</b>	
<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 centering 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	side	2.000	180.000	0.660	0.000	0.000	237.600	-
Total Quantity					237.6 Sft (Square Foot)		22.0737528 Sqm (Square Meter)	
<b>Amount</b>					<b>22.0737528 X 215.22489289764</b>		<b>4750.82</b>	

**5. 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 and as per direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	180.000	12.000	0.330	0.000	712.800	-
Total Quantity					712.8 Cft (Cubic Foot)		20.18421504 Cum (Cubic Meter)	
<b>Amount</b>					<b>20.18421504 X 7417.5844401</b>		<b>149718.12</b>	

**Total Amount** **283150.21**

**Addition**

Provision for Contingency (+) @							2874.00	
Display Citizen Board (+) @							500.00	
Any Other Lumpsum (+) @							475.00	
<b>Total Addition</b>							<b>3849.00</b>	
<b>Grand Net Total Amount</b>							<b>286999.21</b>	