

## Detailed Estimate

**OD/359/3430/118981/415510/00017770 : Improvement Of Rod From Rd Road To Duduli Via Dhobonikhol**  
**Block : Phulbani, Gram Panchayat : Ganjuguda**  
**Created By: SANTOSHI SAHOO**

<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	1.000	375.000	0.750	0.500	0.000	140.625	-
Total Quantity					140.625 Cft (Cubic Foot)		3.98205 Cum (Cubic Meter)	
<b>Amount</b>					<b>3.98205 X 240.77592</b>		<b>958.78</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	cutoff	1.000	375.000	0.750	0.160	0.000	45.000	-
ii	road	1.000	375.000	8.500	0.330	0.000	1051.880	-
Total Quantity					1096.875 Cft (Cubic Foot)		31.05999 Cum (Cubic Meter)	
<b>Amount</b>					<b>31.05999 X 478.096832</b>		<b>14849.68</b>	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	1.000	375.000	0.750	1.000	0.000	281.250	-
ii	road	1.000	375.000	8.500	0.330	0.000	1051.880	-

Total Quantity		1333.125 Cft (Cubic Foot)		37.749834 Cum (Cubic Meter)				
Amount		37.749834 X 5449.1177004		205703.29				
<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 specifaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	375.000	10.000	0.290	0.000	1087.500	-
Total Quantity		1087.5 Cft (Cubic Foot)		30.79452 Cum (Cubic Meter)				
Amount		30.79452 X 8030.9823568		247310.25				
<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	2.000	375.000	0.000	0.290	0.000	217.500	-
ii	cutoff	4.000	375.000	0.000	0.660	0.000	990.000	-
Total Quantity		1207.5 Sft (Square Foot)		112.1803725 Sqm (Square Meter)				
Amount		112.1803725 X 216.23489289764		24257.31				
Total Amount		493079.31						
<b>Addition</b>								
Provision for Contingency (+) @		5000.00						
Display Citizen Board (+) @		1920.00						
Any Other Lumpsum (+) @								
Total Addition		6920.00						
Grand Net Total Amount		499999.31						