

## Detailed Estimate

**OD/365/3492/120133/387768/00062573 : IMPROVEMENT OF ROAD AT DHANTANGAR HILL TOWARDS BATIKOCHA**

**Block : Bijatala, Gram Panchayat : Chadheipahadi**

**Created By:SANDEEP ANAND**

<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	CUTOFF	2.000	105.000	0.830	0.830	0.000	144.669	-
Total Quantity					144.669 Cft (Cubic Foot)		4.0965631392 Cum (Cubic Meter)	
<b>Amount</b>					<b>4.0965631392 X 240.77592</b>		<b>986.35</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	CUTOFF	2.000	105.000	0.830	0.330	0.000	57.519	-
ii	ROAD	1.000	105.000	10.330	0.200	0.000	216.930	-
Total Quantity					274.449 Cft (Cubic Foot)		7.7715174432 Cum (Cubic Meter)	
<b>Amount</b>					<b>7.7715174432 X 1029.890132</b>		<b>8003.81</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	CUTOFF	2.000	105.000	0.830	0.830	0.000	144.669	-
ii	ROAD	1.000	105.000	12.000	0.330	0.000	415.800	-
Total Quantity					560.469 Cft (Cubic Foot)		15.8706885792 Cum (Cubic Meter)	
Amount					15.8706885792 X 5821.0163553		92383.54	
<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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CUTOFF WALL	4.000	105.000	0.000	0.830	0.000	348.600	-
Total Quantity					348.6 Sft (Square Foot)		32.3859858 Sqm (Square Meter)	
Amount					32.3859858 X 216.86588853924		7023.42	
<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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	105.000	12.000	0.330	0.000	415.800	-
Total Quantity					415.8 Cft (Cubic Foot)		11.77412544 Cum (Cubic Meter)	
Amount					11.77412544 X 7403.6017981		87170.94	
Total Amount							195568.05	
<b>Addition</b>								
Provision for Contingency (+) @							2010.00	

Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	421.00
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>5431.00</b>
<b>Grand Net Total Amount</b>	<b>200999.05</b>

**SANDEEP ANAND**  
**JE**  
**Bijatala Block**

**BIMALA MARNDI**  
**AEE**  
**Bijatala Block**

**BDO Bijatala**  
**BDO**  
**Bijatala Block**