

## Detailed Estimate

**OD/369/3543/121037/408997/00101330 : CONST. OF CC ROAD AT HIRAPATNA PASCHIMA PATA BANDESWAR ROAD**

**Block : Nimapada, Gram Panchayat : Tulasipur**

**Created By: AESUBHA**

<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	2.000	225.000	0.500	0.500	1.000	112.500	-
ii	road	1.000	225.000	9.000	0.330	1.000	668.250	-
Total Quantity						780.75 Cft (Cubic Foot)	22.1083416 Cum (Cubic Meter)	
Amount						22.1083416 X 240.77592	5323.16	
<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	cuoff	2.000	225.000	0.500	0.160	1.000	36.000	-
ii	road	1.000	225.000	9.000	0.330	1.000	668.250	-
Total Quantity						704.25 Cft (Cubic Foot)	19.9421064 Cum (Cubic Meter)	
Amount						19.9421064 X 591.903632	11803.81	
<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	cutoff	2.000	225.000	0.500	0.330	0.000	74.250	-
ii	road	1.000	225.000	10.000	0.330	0.000	742.500	-
Total Quantity					816.75 Cft (Cubic Foot)		23.1277464 Cum (Cubic Meter)	
Amount					23.1277464 X 5946.31207296		137524.80	

**4. 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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	2.000	225.000	1.000	0.660	0.000	297.000	-
Total Quantity					297 Sft (Square Foot)		27.592191 Sqm (Square Meter)	
Amount					27.592191 X 216.23489289764		5966.39	

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	162.000	10.000	0.290	0.000	469.800	-
ii	road	1.000	63.000	10.000	0.250	0.000	157.500	-
Total Quantity					627.3 Cft (Cubic Foot)		17.76312864 Cum (Cubic Meter)	
Amount					17.76312864 X 7382.89754752		131143.36	

**Total Amount (A) : 291761.51**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
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1	Provision for Contingency @ Rs.3000	-	3000
2	Display Citizen Board @ Rs.5000	-	5000
<b>Additional Components Amount (F) : 8000</b>			

<b>Grand Total Amount (A + F) : 299761.51247322</b>		
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