

## Detailed Estimate

**OD/363/3468/119759/428131/00068729 : CONSTRUCTION OF CC ROAD FROM NH TO EKTAGUDA**

**Block : Borigumma, Gram Panchayat : Sasahandi**

**Created By:RATINDRA PANIGRAHI**

<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	70.000	0.250	0.250	0.000	8.750	-
Total Quantity					8.75 cum (cum)		8.75 Cum (Cubic Meter)	
Amount					8.75 X 240.77592		2106.79	
<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	Road	1.000	70.000	3.000	0.100	0.000	21.000	-
Total Quantity					21 cum (cum)		21 Cum (Cubic Meter)	
Amount					21 X 815.881232		17133.51	
<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	CUTTOFF	2.000	70.000	0.250	0.250	0.000	8.750	-
ii	Road	1.000	70.000	3.000	0.100	0.000	21.000	-

Total Quantity		29.75 cum (cum)		29.75 Cum (Cubic Meter)				
Amount		29.75 X 5529.7338703		164509.58				
<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		2.000	70.000	0.000	0.160	0.000	22.400	-
Total Quantity		22.4 Sqm (Sqm)		22.4 Sqm (Square Meter)				
Amount		22.4 X 216.55039071844		4850.73				
<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		1.000	70.000	3.500	0.060	0.000	14.700	-
Total Quantity		14.7 cum (cum)		14.7 Cum (Cubic Meter)				
Amount		14.7 X 7026.4126521		103288.27				
Total Amount		291888.87						
<b>Addition</b>								
Provision for Contingency (+) @		2918.89						
Display Citizen Board (+) @		5000.00						
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition		7918.89						

<b>Grand Net Total Amount</b>	<b>299807.76</b>
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**RATINDRA PANIGRAHI**  
**JE**  
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**SUKANTA KUMAR PATNAIK**  
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