

## Detailed Estimate

**OD/363/3468/119738/428283/00076199 : Improvement of Degree College Road**  
**Block : Borigumma, Gram Panchayat : Borigumma**  
**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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road cutoff	2.000	83.000	0.250	0.250	0.000	10.375	-
ii	road cutoff s	2.000	3.100	0.250	0.250	0.000	0.388	-
Total Quantity					10.7625 cum (cum)		10.7625 Cum (Cubic Meter)	
<b>Amount</b>					<b>10.7625 X 240.77592</b>		<b>2591.35</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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road cutoff	2.000	83.000	0.250	0.100	0.000	4.150	-
ii	road cutof sf	2.000	3.100	0.250	0.100	0.000	0.155	-
iii	road base	1.000	83.000	3.100	0.100	0.000	25.730	-
Total Quantity					30.035 cum (cum)		30.035 Cum (Cubic Meter)	
<b>Amount</b>					<b>30.035 X 815.881232</b>		<b>24504.99</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.								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road base	1.000	83.000	3.100	0.100	0.000	25.730	-
ii	road cutoff	2.000	83.000	0.250	0.300	0.000	12.450	-
iii	road cutoff s	2.000	3.100	0.250	0.300	0.000	0.465	-
Total Quantity					38.645 cum (cum)		38.645 Cum (Cubic Meter)	
Amount					38.645 X 5466.6129103		211257.26	
<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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	83.000	3.600	0.070	0.000	20.916	-
Total Quantity					20.916 cum (cum)		20.916 Cum (Cubic Meter)	
Amount					20.916 X 6967.2367521		145726.72	
<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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	2.000	83.000	0.000	0.300	0.000	49.800	-
Total Quantity					49.8 Sqm (Sqm)		49.8 Sqm (Square Meter)	
Amount					49.8 X 216.55039071844		10784.21	
Total Amount							394864.53	
<b>Addition</b>								
Provision for Contingency (+) @							3948.65	

Display Citizen Board (+) @	1186.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>5134.65</b>
<b>Grand Net Total Amount</b>	<b>399999.18</b>

**RATINDRA PANIGRAHI**  
**JE**  
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**AEE**  
**Borigumma Block**

**SUKANTA KUMAR PATNAIK**  
**BDO**  
**Borigumma Block**