

## Detailed Estimate

**OD/363/3468/119738/428283/00069550 : CONSTRUCTION OF C.C ROAD & DRAIN AT NH TO BUDU PATRA HOUSE**  
**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	drain	2.000	51.000	0.800	0.600	0.000	48.960	-
ii	cut off	2.000	51.000	0.300	0.200	0.000	6.120	-
Total Quantity					55.08 cum (cum)		55.08 Cum (Cubic Meter)	
Amount					55.08 X 240.77592		13261.94	
<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	drain	2.000	51.000	0.800	0.100	0.000	8.160	-
ii	cut off	2.000	51.000	0.300	0.100	0.000	3.060	-
iii	road	1.000	51.000	3.000	0.100	0.000	15.300	-
Total Quantity					26.52 cum (cum)		26.52 Cum (Cubic Meter)	
Amount					26.52 X 815.881232		21637.17	
<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	drain base	2.000	51.000	0.800	0.100	0.000	8.160	-
ii	cut off	2.000	51.000	0.300	0.200	0.000	6.120	-
iii	road	1.000	51.000	3.000	0.100	0.000	15.300	-
iv	drain wall	4.000	51.000	0.200	0.600	0.000	24.480	-
Total Quantity					54.06 cum (cum)		54.06 Cum (Cubic Meter)	
Amount					54.06 X 5466.6129103		295525.09	

**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	drain	8.000	51.000	0.000	0.600	0.000	244.800	-
ii	cut off	2.000	51.000	0.000	0.200	0.000	20.400	-
Total Quantity					265.2 Sqm (Sqm)		265.2 Sqm (Square Meter)	
Amount					265.2 X 216.55039071844		57429.16	

**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	drain base	2.000	51.000	0.400	0.050	0.000	2.040	-
ii	drain wall	4.000	51.000	0.200	0.050	0.000	2.040	-
iii	road	1.000	51.000	3.600	0.060	0.000	11.016	-
Total Quantity					15.096 cum (cum)		15.096 Cum (Cubic Meter)	

<b>Amount</b>	<b>15.096 X 6967.2367521</b>	<b>105177.41</b>
<b>Total Amount</b>		<b>493030.77</b>
<b>Addition</b>		
Provision for Contingency (+) @		4930.31
Display Citizen Board (+) @		2038.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>6968.31</b>
<b>Grand Net Total Amount</b>		<b>499999.08</b>

**RATINDRA PANIGRAHI**  
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