

## Detailed Estimate

**OD/363/3468/119759/428131/00068718 : CONSTRUCTION OF C C ROAD FROM SASAHANDI SHIVA MANDIR TO AMBADULIAGUDA**

**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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	83.800	0.250	0.250	0.000	10.475	-
ii		2.000	3.500	0.250	0.250	0.000	0.438	-
Total Quantity					10.9125 cum (cum)		10.9125 Cum (Cubic Meter)	
Amount					10.9125 X 240.77592		2627.47	
<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		1.000	83.800	3.000	0.100	0.000	25.140	-
Total Quantity					25.14 cum (cum)		25.14 Cum (Cubic Meter)	
Amount					25.14 X 815.881232		20511.25	
<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		2.000	83.800	0.250	0.250	0.000	10.475	-

ii		2.000	3.000	0.250	0.250	0.000	0.375	-
iii	Road	1.000	83.800	3.000	0.100	0.000	25.140	-
Total Quantity					35.99 cum (cum)		35.99 Cum (Cubic Meter)	
Amount					35.99 X 5529.7338703		199015.12	
<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	83.800	0.000	0.160	0.000	26.816	-
Total Quantity					26.816 Sqm (Sqm)		26.816 Sqm (Square Meter)	
Amount					26.816 X 216.55039071844		5807.02	
<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 specifaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	83.800	3.000	0.060	0.000	15.084	-
Total Quantity					15.084 cum (cum)		15.084 Cum (Cubic Meter)	
Amount					15.084 X 7026.4126521		105986.41	
Total Amount							333947.27	
<b>Addition</b>								
Provision for Contingency (+) @							3400.00	
Display Citizen Board (+) @							2652.73	
Any Other Lumpsum (+) @								

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>6052.73</b>
<b>Grand Net Total Amount</b>	<b>340000.00</b>

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

**Prakash Kumar Pradhan**  
**AEE**  
**Borigumma Block**

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