

## Detailed Estimate

**OD/363/3479/119913/429976/00072780 : Construction of CC road from RD road to Kumarguda**  
**Block : Semiliguda, Gram Panchayat : Charangul**  
**Created By: SMT PREETIMAYEE 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	Cut off wall	2.000	145.000	0.230	0.230	0.000	15.341	-
Total Quantity					15.341 cum (cum)		15.341 Cum (Cubic Meter)	
Amount					15.341 X 240.77592		3693.74	
<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	145.000	3.600	0.050	0.000	26.100	-
Total Quantity					26.1 cum (cum)		26.1 Cum (Cubic Meter)	
Amount					26.1 X 586.560732		15309.24	
<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	Cutoff wall	2.000	145.000	0.230	0.230	0.000	15.341	-
ii	Road	1.000	145.000	3.600	0.100	0.000	52.200	-

Total Quantity		67.541 cum (cum)		67.541 Cum (Cubic Meter)				
Amount		67.541 X 5555.2585903		375207.72				
<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	Road	1.000	145.000	2.000	0.230	0.000	66.700	-
Total Quantity		66.7 Sqm (Sqm)		66.7 Sqm (Square Meter)				
Amount		66.7 X 216.55039071844		14443.91				
<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	Road	1.000	145.000	3.600	0.075	0.000	39.150	-
Total Quantity		39.15 cum (cum)		39.15 Cum (Cubic Meter)				
Amount		39.15 X 7050.3420771		276020.89				
Total Amount		684675.50						
<b>Addition</b>								
Provision for Contingency (+) @		7000.00						
Display Citizen Board (+) @		5000.00						
Any Other Lumpsum (+) @		3324.00						
Provision for survey investigation and quality control (+) @								
Total Addition		15324.00						

<b>Grand Net Total Amount</b>	<b>699999.50</b>
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**SMT PREETIMAYEE PANIGRAHI**  
**JE**  
**Semiliguda Block**

**ER TOPHAN KUMAR NAYAK**  
**AEE**  
**Semiliguda Block**

**JASHMIN KUMAR PRADHAN**  
**BDO**  
**Semiliguda Block**