

## Detailed Estimate

**OD/348/3325/116680/394856/00067256 : CONSTRUCTION OF CC ROAD FROM ANANDA SAHU HOUSE TO**

**NABAGHANA SINGH HOUSE UNDER RKPUR GP**

**Block : Bonth, Gram Panchayat : Ramakrushnapur**

**Created By:Rupashree Mangaraj**

<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	27.000	0.230	0.230	0.000	2.857	-
Total Quantity					2.8566 cum (cum)		2.8566 Cum (Cubic Meter)	
Amount					2.8566 X 240.77592		687.80	
<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	cutoff	2.000	27.000	0.230	0.100	0.000	1.242	-
ii	road base	1.000	27.000	2.550	0.100	0.000	6.885	-
Total Quantity					8.127 cum (cum)		8.127 Cum (Cubic Meter)	
Amount					8.127 X 1035.212832		8413.17	
<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	cutoff	2.000	27.000	0.230	0.300	0.000	3.726	-

ii	road	1.000	25.000	2.550	0.100	0.000	6.375	-
Total Quantity					10.101 cum (cum)		10.101 Cum (Cubic Meter)	
Amount					10.101 X 5969.64702206		60299.40	
<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	4.000	27.000	0.200	0.000	0.000	21.600	-
ii	road	2.000	27.000	0.100	0.000	0.000	5.400	-
Total Quantity					27 Sqm (Sqm)		27 Sqm (Square Meter)	
Amount					27 X 216.23489289764		5838.34	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	27.000	3.000	0.100	0.000	8.100	-
Total Quantity					8.1 cum (cum)		8.1 Cum (Cubic Meter)	
Amount					8.1 X 7421.40932222		60113.42	
Total Amount							135352.14	
<b>Addition</b>								
Provision for Contingency (+) @							1437.00	
Display Citizen Board (+) @							2500.00	
Any Other Lumpsum (+) @							1437.00	

Provision for survey investigation and quality control (+) @	3061.00
<b>Total Addition</b>	<b>8435.00</b>
<b>Grand Net Total Amount</b>	<b>143787.14</b>

**Rupashree Mangaraj**  
**JE**  
**Bonth Block**

**Sradhasuman Nath**  
**AEE**  
**Bonth Block**

**SITAKANTA ROUT**  
**BDO**  
**Bonth Block**