

## Detailed Estimate

**OD/346/3298/116061/393895/00063605 : Impvt. & const. of cc road from panapana RD road to sasan ward no-10**  
**Block : Bahanaga, Gram Panchayat : Ranapana**  
**Created By:HAREKRUSHNA MARNDI**

<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	C/W	2.000	103.000	0.750	0.500	0.000	77.250	-
Total Quantity					77.25 Cft (Cubic Foot)		2.1874728 Cum (Cubic Meter)	
Amount					2.1874728 X 240.77592		526.69	
<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	C/w	2.000	103.000	0.750	0.170	0.000	26.265	-
ii	Bed	1.000	93.000	6.500	0.330	0.000	199.485	-
iii	do	1.000	10.000	8.500	0.330	0.000	28.050	-
Total Quantity					253.8 Cft (Cubic Foot)		7.18680384 Cum (Cubic Meter)	
Amount					7.18680384 X 1263.432432		9080.04	
<b>3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	C/W	2.000	103.000	0.750	1.000	0.000	154.500	-
ii	Road	1.000	93.000	6.500	0.330	0.000	199.485	-
iii	do	1.000	10.000	8.500	0.330	0.000	28.050	-
Total Quantity					382.035 Cft (Cubic Foot)		10.818008688 Cum (Cubic Meter)	
Amount					10.818008688 X 5871.0961347		63513.57	

#### 4. 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	W/C	1.000	93.000	8.000	0.330	0.000	245.520	-
ii	do	1.000	10.000	10.000	0.330	0.000	33.000	-
Total Quantity					278.52 Cft (Cubic Foot)		7.886795136 Cum (Cubic Meter)	
Amount					7.886795136 X 7509.1087009		59222.80	

#### 5. 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	C/W	4.000	103.000	0.000	0.670	0.000	276.040	-
ii	Road	2.000	103.000	0.000	0.330	0.000	67.980	-
Total Quantity					344.02 Sft (Square Foot)		31.96049006 Sqm (Square Meter)	

<b>Amount</b>	<b>31.96049006 X 216.23489289764</b>	<b>6910.97</b>
<b>Total Amount</b>		<b>139254.08</b>
<b>Addition</b>		
Provision for Contingency (+) @		1392.54
Display Citizen Board (+) @		2000.00
Any Other Lumpsum (+) @		1141.00
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>4533.54</b>
<b>Grand Net Total Amount</b>		<b>143787.62</b>

**HAREKRUSHNA MARNDI**  
**JE**  
**Bahanaga Block**

**Laxmikant Das**  
**AEE**  
**Bahanaga Block**

**Subhashree Tudu**  
**BDO**  
**Bahanaga Block**