

## Detailed Estimate

**OD/368/3533/120799/421914/00115312 : CONSTRUCTION OF CC ROAD FROM PMGSY ROAD TOWARDS BANJIKANTA TANK ROAD**

**Block : Komna, Gram Panchayat : Agren**

**Created By: SUBRAT KUMAR RAY**

<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	Key wall	2.000	73.000	0.150	0.150	0.000	3.285	-
ii	CC Road	1.000	73.000	3.350	0.100	0.000	24.455	-
Total Quantity						27.74 cum (cum)	27.74 Cum (Cubic Meter)	
Amount						27.74 X 240.77592	6679.12	
<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	Key wall	2.000	73.000	0.150	0.100	0.000	2.190	-
ii	CC Road	1.000	73.000	3.350	0.100	0.000	24.455	-
Total Quantity						26.645 cum (cum)	26.645 Cum (Cubic Meter)	
Amount						26.645 X 717.709232	19123.36	
<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	Key wall	2.000	73.000	0.150	0.150	0.000	3.285	-
ii	CC Road	1.000	73.000	3.350	0.075	0.000	18.341	-

Total Quantity	21.62625 cum (cum)	21.62625 Cum (Cubic Meter)
Amount	21.62625 X 5488.42580354	118694.07

**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	Key wall	2.000	73.000	0.000	0.250	0.000	36.500	-
Total Quantity					36.5 Sqm (Sqm)		36.5 Sqm (Square Meter)	
Amount					36.5 X 216.23489289764		7892.57	

**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	Key wall	2.000	73.000	0.150	0.075	0.000	1.643	-
ii	CC Road	1.000	73.000	3.350	0.075	0.000	18.341	-
Total Quantity					19.98375 cum (cum)		19.98375 Cum (Cubic Meter)	
Amount					19.98375 X 6946.17682598		138810.66	

**Total Amount (A) : 291199.79**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	2911.9978977819
2	Display Citizen Board @ Rs.5000	-	5000

3	Any Other Lumpsum @ Rs.888	photography & other unforeseen item	888
Additional Components Amount (F) : 8799.9978977819			
Grand Total Amount (A + F) : 299999.78767597			

**SUBRAT KUMAR RAY**  
**JE**  
**Komna Block**

**BIKARTAN HASDA**  
**AEE**  
**Komna Block**

**PABITRA KUMAR SAMAL**  
**BDO**  
**Komna Block**