

## Detailed Estimate

**OD/366/3522/120575/427348/00113467 : Construction of CC Road from Basanta house to Sindhu house**  
**Block : Umerkote, Gram Panchayat : Bhamini**  
**Created By:UDAYNATH MURMU**

<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 Walls	2.000	84.300	0.225	0.200	0.000	7.587	-
ii	Cut Offs	2.000	3.150	0.225	0.200	0.000	0.284	-
<b>Total Quantity</b>						<b>7.8705 cum (cum)</b>	<b>7.8705 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>7.8705 X 240.77592</b>	<b>1895.03</b>	
<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 Walls	2.000	84.300	0.225	0.050	0.000	1.897	-
ii	Cut Offs	2.000	3.150	0.225	0.050	0.000	0.071	-
iii	Bed	1.000	84.300	3.150	0.100	0.000	26.555	-
<b>Total Quantity</b>						<b>28.522125 cum (cum)</b>	<b>28.522125 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>28.522125 X 784.268232</b>	<b>22369.00</b>	
<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 Walls	2.000	84.300	0.225	0.250	0.000	9.484	-
ii	Cut Offs	2.000	3.150	0.225	0.150	0.000	0.213	-
iii	Bed	1.000	84.300	3.150	0.100	0.000	26.555	-
Total Quantity					36.250875 cum (cum)		36.250875 Cum (Cubic Meter)	
Amount					36.250875 X 5456.4353928		197800.56	

**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 Walls	2.000	84.300	0.250	0.000	0.000	42.150	-
ii	Road Bed	2.000	84.300	0.075	0.000	0.000	12.645	-
Total Quantity					54.795 Sqm (Sqm)		54.795 Sqm (Square Meter)	
Amount					54.795 X 216.23489289764		11848.59	

**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	Road Bed	1.000	84.300	3.600	0.075	0.000	22.761	-
Total Quantity					22.761 cum (cum)		22.761 Cum (Cubic Meter)	
Amount					22.761 X 6968.6184826		158612.73	

**Total Amount (A) : 392525.90**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
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1	Provision for Contingency @ Rs.4000	-	4000
2	Display Citizen Board @ Rs.3474.1	-	3474.1
Additional Components Amount (F) : 7474.1			
Grand Total Amount (A + F) : 399999.99703375			

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JE  
Umerkote Block

Aswin Kumar Patnaik  
AEE  
Umerkote Block

MANOJ KUMAR MEHER  
BDO  
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