

## Detailed Estimate

**OD/365/3487/120066/390576/00072233 : CONST. OF CC ROAD FROM UTTANINUAGAN KAMALAKANTA BEHERA  
HOUSE TO RADHAKRUSHNA MANDIR  
Block : Badasahi, Gram Panchayat : Uthaninuagaon  
Created By: NARAYAN BESHRA**

<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	37.000	0.250	0.200	0.000	3.700	-
ii		2.000	11.900	0.250	0.200	0.000	1.190	-
iii		2.000	10.500	0.250	0.200	0.000	1.050	-
iv		2.000	7.600	0.250	0.200	0.000	0.760	-
<b>Total Quantity</b>					<b>6.7 cum (cum)</b>		<b>6.7 Cum (Cubic Meter)</b>	
<b>Amount</b>					<b>6.7 X 240.77592</b>		<b>1613.20</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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road base	1.000	37.000	3.150	0.050	0.000	5.828	-
ii		1.000	11.400	1.950	0.050	0.000	1.112	-
iii		1.000	10.000	1.980	0.050	0.000	0.990	-
iv		1.000	3.150	1.950	0.050	0.000	0.307	-
v		1.000	3.150	4.450	0.050	0.000	0.701	-
<b>Total Quantity</b>					<b>8.937 cum (cum)</b>		<b>8.937 Cum (Cubic Meter)</b>	

<b>Amount</b>					<b>8.937 X 1260.372132</b>	<b>11263.95</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	CUT OFF	2.000	37.000	0.250	0.250	0.000	4.625	-
ii		2.000	11.950	0.250	0.250	0.000	1.494	-
iii		2.000	10.500	0.250	0.250	0.000	1.313	-
iv		2.000	7.600	0.250	0.250	0.000	0.950	-
v		2.000	7.600	0.250	0.250	0.000	0.950	-
vi	ROAD BASE	1.000	15.000	3.700	0.100	0.000	5.550	-
vii		1.000	15.000	3.475	0.100	0.000	5.213	-
viii		1.000	7.000	3.550	0.090	0.000	2.237	-
ix		1.000	11.900	2.200	0.100	0.000	2.618	-
x		1.000	10.500	2.200	0.100	0.000	2.310	-
xi		1.000	3.150	2.200	0.100	0.000	0.693	-
xii		1.000	3.150	4.700	0.100	0.000	1.481	-
<b>Total Quantity</b>					<b>29.4317499985 cum (cum)</b>		<b>29.4317499985 Cum (Cubic Meter)</b>	
<b>Amount</b>					<b>29.4317499985 X 6203.3051933</b>		<b>182574.13</b>	
<b>4. 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	15.000	3.700	0.095	0.000	5.273	-
ii		1.000	15.000	3.475	0.095	0.000	4.952	-
iii		1.000	7.000	3.550	0.085	0.000	2.112	-
iv		1.000	11.900	2.200	0.090	0.000	2.356	-
v		1.000	10.500	2.200	0.090	0.000	2.079	-
vi		1.000	3.150	2.200	0.090	0.000	0.624	-
vii		1.000	3.150	4.700	0.090	0.000	1.332	-
Total Quantity					18.727974998575 cum (cum)		18.727974998575 Cum (Cubic Meter)	
Amount					18.727974998575 X 7676.8074041		143771.06	

**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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	INSIDE	2.000	37.000	0.050	0.000	0.000	3.700	-
ii		1.000	11.400	0.050	0.000	0.000	0.570	-
iii		1.000	10.000	0.050	0.000	0.000	0.500	-
iv		2.000	7.100	0.050	0.000	0.000	0.710	-
v	OUT SIDE	2.000	37.000	0.250	0.000	0.000	18.500	-
vi		1.000	11.900	0.250	0.000	0.000	2.975	-
vii		1.000	10.500	0.250	0.000	0.000	2.625	-
viii		2.000	7.600	0.250	0.000	0.000	3.800	-
Total Quantity					33.38 Sqm (Sqm)		33.38 Sqm (Square Meter)	

<b>Amount</b>	33.38 X 216.23489289764	7217.92
<b>Total Amount</b>		346440.25
<b>Addition</b>		
Provision for Contingency (+) @		3541.00
Display Citizen Board (+) @		3000.00
Any Other Lumpsum (+) @		1094.75
Provision for survey investigation and quality control (+) @		0.00
<b>Total Addition</b>		<b>7635.75</b>
<b>Grand Net Total Amount</b>		<b>354076.00</b>

**NARAYAN BESHRA**  
**JE**  
**Badasahi Block**

**DASHARATH MOHANTA**  
**AEE**  
**Badasahi Block**

**BANAJA DAS**  
**BDO**  
**Badasahi Block**