

## Detailed Estimate

**OD/371/3563/121367/382217/00112132 : CONSTRUCTION OF CC ROAD FROM JHANKARBAHALI TO NEW COLONY**  
**Block : Maneswar, Gram Panchayat : Baduapali**  
**Created By: GOPAL SWARUP**

<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	Guard Wall	2.000	100.000	0.750	1.000	0.000	150.000	-
ii		2.000	84.000	0.750	1.000	0.000	126.000	-
iii		2.000	100.000	0.750	1.000	0.000	150.000	-
iv		2.000	76.000	0.750	1.000	0.000	114.000	-
v		2.000	40.000	0.750	1.000	0.000	60.000	-
vi	Road Surface	1.000	47.000	12.000	0.500	0.000	282.000	-
<b>Total Quantity</b>					<b>882 Cft (Cubic Foot)</b>		<b>24.9754176 Cum (Cubic Meter)</b>	
<b>Amount</b>					<b>24.9754176 X 240.77592</b>		<b>6013.48</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	Guard Wall	2.000	100.000	0.750	0.330	0.000	49.500	-
ii		2.000	84.000	0.750	0.330	0.000	41.580	-
iii		2.000	100.000	0.750	0.330	0.000	49.500	-
iv		2.000	76.000	0.750	0.330	0.000	37.620	-
v		2.000	40.000	0.750	0.330	0.000	19.800	-

vi	Road	1.000	100.000	10.500	0.330	0.000	346.500	-
vii		1.000	84.000	10.500	0.330	0.000	291.060	-
viii		1.000	100.000	10.500	0.330	0.000	346.500	-
ix		1.000	76.000	10.500	0.330	0.000	263.340	-
x		1.000	40.000	11.500	0.330	0.000	151.800	-
Total Quantity					1597.2 Cft (Cubic Foot)		45.22759296 Cum (Cubic Meter)	
Amount					45.22759296 X 747.160832		33792.29	

### 3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Guard Wall	2.000	100.000	0.750	0.750	0.000	112.500	-
ii		2.000	84.000	0.750	0.750	0.000	94.500	-
iii		2.000	100.000	0.750	0.750	0.000	112.500	-
iv		2.000	76.000	0.750	0.750	0.000	85.500	-
v		2.000	40.000	0.750	0.750	0.000	45.000	-
vi	Road	1.000	100.000	10.500	0.330	0.000	346.500	-
vii		1.000	84.000	10.500	0.330	0.000	291.060	-
viii		1.000	100.000	10.500	0.330	0.000	346.500	-
ix		1.000	76.000	10.500	0.330	0.000	263.340	-
x		1.000	40.000	11.500	0.330	0.000	151.800	-
Total Quantity					1849.2 Cft (Cubic Foot)		52.36342656 Cum (Cubic Meter)	
Amount					52.36342656 X 5658.3474723		296290.46	

**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	Guard Wall	2.000	2.000	400.000	0.750	0.000	1200.000	-
Total Quantity					1200 Sft (Square Foot)		111.4836 Sqm (Square Meter)	
Amount					111.4836 X 216.23489289764		24106.64	

**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 specification and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	100.000	12.000	0.250	0.000	300.000	-
ii		1.000	84.000	12.000	0.250	0.000	252.000	-
iii		1.000	100.000	12.000	0.250	0.000	300.000	-
iv		1.000	76.000	12.000	0.250	0.000	228.000	-
v		1.000	40.000	13.000	0.250	0.000	130.000	-
Total Quantity					1210 Cft (Cubic Foot)		34.263328 Cum (Cubic Meter)	
Amount					34.263328 X 7168.0132381		245599.99	

**Total Amount (A) : 605802.86****Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.6170	-	6170

2	Display Citizen Board @ Rs.5000	-	5000
Additional Components Amount (F) : 11170			
Grand Total Amount (A + F) : 616972.86044332			

**GOPAL SWARUP**  
JE  
Maneswar Block

**TUSHAR KUMAR SAMAL**  
AEE  
Maneswar Block

**CHITTA RANJAN MALLIK**  
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