

## Detailed Estimate

**OD/371/3563/121381/381750/00069911 : CONSTRUCTION OF CC ROAD FROM GP OFFICE TO AMRIT SAROVAR  
HUDI BANDHA**

**Block : Maneswar, Gram Panchayat : Tabala**

**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	38.000	0.750	1.000	0.000	57.000	-
iii		2.000	7.000	0.750	1.000	0.000	10.500	-
iv		1.000	70.000	2.000	2.000	0.000	280.000	-
v		1.000	12.000	0.750	1.000	0.000	9.000	-
vi		2.000	17.000	0.750	1.000	0.000	25.500	-
vii	Earh Filling	1.000	64.000	1.660	2.500	0.000	265.600	-
viii		1.000	70.000	3.000	3.000	0.000	630.000	-
Total Quantity					1427.6 Cft (Cubic Foot)		40.42506368 Cum (Cubic Meter)	
Amount					40.42506368 X 240.77592		9733.38	
<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	38.000	0.750	0.330	0.000	18.810	-
iii		2.000	7.000	0.750	0.330	0.000	3.465	-

iv		1.000	70.000	2.000	0.330	0.000	46.200	-
v		1.000	12.000	0.750	0.330	0.000	2.970	-
vi	Road	1.000	100.000	10.500	0.330	0.000	346.500	-
vii		1.000	38.000	13.000	0.330	0.000	163.020	-
viii		1.000	7.000	19.000	0.330	0.000	43.890	-
ix		1.000	70.000	14.500	0.330	0.000	334.950	-
x		1.000	12.000	16.750	0.330	0.000	66.330	-
xi		1.000	10.500	1.500	0.330	0.000	5.198	-
xii	Guard Wall	2.000	17.000	0.750	0.330	0.000	8.415	-
xiii	Road	1.000	17.000	13.500	0.330	0.000	75.735	-
Total Quantity					1164.9825 Cft (Cubic Foot)		32.988576456 Cum (Cubic Meter)	
Amount					<b>32.988576456 X 747.160832</b>		<b>24647.77</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.								
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	38.000	0.750	0.750	0.000	42.750	-
iii		2.000	7.000	0.750	0.750	0.000	7.875	-
iv		1.000	70.000	1.500	4.000	0.000	420.000	-
v		1.000	12.000	0.750	0.750	0.000	6.750	-
vi	Road	1.000	100.000	10.500	0.330	0.000	346.500	-
vii		1.000	38.000	13.000	0.330	0.000	163.020	-
viii		1.000	7.000	19.000	0.330	0.000	43.890	-

ix		1.000	70.000	14.500	0.330	0.000	334.950	-
x		1.000	12.000	16.750	0.330	0.000	66.330	-
xi		1.000	10.500	1.500	0.330	0.000	5.198	-
xii	Guard Wall	2.000	17.000	0.750	0.750	0.000	19.125	-
xiii	Road	1.000	17.000	13.500	0.330	0.000	75.735	-
Total Quantity					1644.6225 Cft (Cubic Foot)		46.570446408 Cum (Cubic Meter)	
Amount					46.570446408 X 5658.3474723		263511.77	

#### 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Surface	1.000	100.000	12.000	0.250	0.000	300.000	-
ii		1.000	38.000	14.500	0.250	0.000	137.750	-
iii		1.000	7.000	20.500	0.250	0.000	35.875	-
iv		1.000	70.000	15.500	0.250	0.000	271.250	-
v		1.000	12.000	17.500	0.250	0.000	52.500	-
vi		1.000	10.500	1.500	0.250	0.000	3.938	-
vii		1.000	17.000	15.000	0.250	0.000	63.750	-
Total Quantity					865.0625 Cft (Cubic Foot)		24.4958018 Cum (Cubic Meter)	
Amount					24.4958018 X 7168.0132381		175586.23	

#### 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	Guard Wall	2.000	1.000	145.000	0.750	0.000	217.500	-
ii		2.000	1.000	70.000	4.000	0.000	560.000	-
iii		2.000	1.000	12.000	0.750	0.000	18.000	-
iv		2.000	1.000	17.000	0.750	0.000	25.500	-
Total Quantity					821 Sft (Square Foot)		76.273363 Sqm (Square Meter)	
Amount					76.273363 X 216.23489289764		16492.96	

**Total Amount (A) : 489972.12**

**Additional Components**

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

**Additional Components Amount (F) : 10000**

**Grand Total Amount (A + F) : 499972.11590608**

**GOPAL SWARUP**  
JE  
Maneswar Block

**TUSHAR KUMAR SAMAL**  
AEE  
Maneswar Block

**CHITTA RANJAN MALLIK**  
BDO  
Maneswar Block