

Detailed Estimate

OD/371/3563/121367/382217/00112137 : IMPROVEMENT OF ROAD AT BADUAPALI MILL TO NUABANDHA
Block : Maneswar, Gram Panchayat : Baduapali
Created By: GOPAL SWARUP

1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
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	360.000	0.750	1.000	0.000	540.000	-
ii	Earth Filling	1.000	60.000	12.000	0.500	0.000	360.000	-
Total Quantity					900 Cft (Cubic Foot)		25.48512 Cum (Cubic Meter)	
Amount					25.48512 X 240.77592		6136.20	
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
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	360.000	0.750	0.330	0.000	178.200	-
ii	Road	1.000	360.000	10.500	0.330	0.000	1247.400	-
Total Quantity					1425.6 Cft (Cubic Foot)		40.36843008 Cum (Cubic Meter)	
Amount					40.36843008 X 747.160832		30161.71	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Guard Wall	2.000	360.000	0.750	0.750	0.000	405.000	-

ii	Road	1.000	360.000	10.500	0.330	0.000	1247.400	-
Total Quantity					1652.4 Cft (Cubic Foot)		46.79068032 Cum (Cubic Meter)	
Amount					46.79068032 X 5658.3474723		264757.93	

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	360.000	12.000	0.250	0.000	1080.000	-
Total Quantity					1080 Cft (Cubic Foot)		30.582144 Cum (Cubic Meter)	
Amount					30.582144 X 7168.0132381		219213.21	

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	2.000	2.000	360.000	0.750	0.000	1080.000	-
Total Quantity					1080 Sft (Square Foot)		100.33524 Sqm (Square Meter)	
Amount					100.33524 X 216.23489289764		21695.98	

Total Amount (A) : 541965.03

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.5525	-	5525
2	Display Citizen Board @ Rs.5000	-	5000

Additional Components Amount (F) : 10525

Grand Total Amount (A + F) : 552490.03365203

**GOPAL SWARUP
JE
Maneswar Block**

**TUSHAR KUMAR SAMAL
AEE
Maneswar Block**

**CHITTA RANJAN MALLIK
BDO
Maneswar Block**