

Detailed Estimate

**OD/360/3435/119065/396678/00110624 : CONST OF CC ROAD FROM BUDHIJAGULAI MANDIRA TO RAMACHANDRA
MALIK HOUSE
Block : Derabish, Gram Panchayat : Kaupada
Created By:HIMANSU PATI**

1. Earth Work (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift								
Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	1.000	30.000	2.500	3.000	0.000	225.000	-
ii		1.000	55.000	1.000	1.000	0.000	55.000	-
Total Quantity					280 Cft (Cubic Foot)		7.928704 Cum (Cubic Meter)	
Amount					7.928704 X 179.18208		1420.68	
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	Guardwall	1.000	30.000	2.500	0.500	0.000	37.500	-
ii	wall	1.000	55.000	1.000	0.500	0.000	27.500	-
iii	gap filling between road and wall	1.000	30.000	1.000	3.000	0.000	90.000	-
Total Quantity					155 Cft (Cubic Foot)		4.389104 Cum (Cubic Meter)	
Amount					4.389104 X 547.968632		2405.09	
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	1.000	30.000	1.250	3.500	0.000	131.250	-	
ii	wall	1.000	55.000	1.000	1.500	0.000	82.500	-	
iii	patch repair	1.000	50.000	6.000	0.330	0.000	99.000	-	
iv		2.000	20.000	5.000	0.330	0.000	66.000	-	
v		1.000	30.000	0.670	0.000	0.000	20.100	-	
Total Quantity							398.85 Cft (Cubic Foot)	11.29415568 Cum (Cubic Meter)	
Amount							11.29415568 X 5962.20374626	67338.06	

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		1.000	128.000	10.000	0.330	0.000	422.400	-	
ii		1.000	100.000	9.000	0.330	0.000	297.000	-	
iii		1.000	100.000	10.000	0.330	0.000	330.000	-	
iv		1.000	64.000	9.000	0.330	0.000	190.080	-	
Total Quantity							1239.48 Cft (Cubic Foot)	35.098107264 Cum (Cubic Meter)	
Amount							35.098107264 X 7472.11045362	262256.93	

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		2.000	30.000	0.000	3.500	0.000	210.000	-

ii		2.000	55.000	0.000	1.000	0.000	110.000	-
iii		2.000	228.000	0.000	0.330	0.000	150.480	-
Total Quantity					470.48 Sft (Square Foot)		43.70900344 Sqm (Square Meter)	
Amount					43.70900344 X 216.23489289764		9451.41	

Total Amount (A) : 342872.18

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3500	-	3500
2	Display Citizen Board @ Rs.3627	-	3627
Additional Components Amount (F) : 7127			

Grand Total Amount (A + F) : 349999.17616227

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