

Detailed Estimate

**OD/360/3435/119064/396451/00101389 : CONST OF CC ROAD WITH GUARD WALL FROM KUNJA BIHARI NAYAK
HOUSE TO BILANKESWAR MAHAPURUSA
Block : Derabish, Gram Panchayat : Janarabarimul
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	196.920	2.500	3.000	0.000	1476.900	-
Total Quantity						1476.9 Cft (Cubic Foot)	41.82108192 Cum (Cubic Meter)	
Amount						41.82108192 X 179.18208	7493.59	
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	wall	1.000	196.000	2.500	0.500	0.000	245.000	-
Total Quantity						245 Cft (Cubic Foot)	6.937616 Cum (Cubic Meter)	
Amount						6.937616 X 547.968632	3801.60	
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	Wall Base	1.000	196.000	2.500	0.500	0.000	245.000	-
ii	wall	1.000	196.000	1.160	4.500	0.000	1023.120	-
iii	road	1.000	196.000	1.000	0.330	0.000	64.680	-

iv		1.000	20.000	4.500	0.330	0.000	29.700	-
v		1.000	15.830	3.500	0.330	0.000	18.284	-
vi		1.000	12.500	2.500	0.330	0.000	10.313	-
Total Quantity					1391.09615 Cft (Cubic Foot)		39.39139146032 Cum (Cubic Meter)	
Amount					39.39139146032 X 5962.20374626		234859.50	

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	wall	2.000	196.000	4.500	0.000	0.000	1764.000	-
ii		1.000	196.000	0.290	0.000	0.000	56.840	-
iii		2.000	100.000	0.290	0.000	0.000	58.000	-
Total Quantity					1878.84 Sft (Square Foot)		174.54987252 Sqm (Square Meter)	
Amount					174.54987252 X 216.23489289764		37743.77	

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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	200.000	11.000	0.290	0.000	638.000	-
ii		1.000	105.500	11.000	0.290	0.000	336.545	-
Total Quantity					974.545 Cft (Cubic Foot)		27.595995856 Cum (Cubic Meter)	
Amount					27.595995856 X 7472.11045362		206200.33	

Total Amount (A) : 490098.79

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	4900.9878823358
2	Display Citizen Board @ Rs.5000	-	5000

Additional Components Amount (F) : 9900.9878823358

Grand Total Amount (A + F) : 499999.77611592

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