

Detailed Estimate

OD/346/3299/116077/392688/00112393 : Improvement of Road from Sachindra Jena house to Niranjan House
Block : Baleshwar, Gram Panchayat : Nagram
Created By: ARUN KUMAR SWAIN

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	cutoff wall	2.000	180.000	0.750	0.500	0.000	135.000	-
Total Quantity					135 Cft (Cubic Foot)		3.822768 Cum (Cubic Meter)	
Amount					3.822768 X 179.18208		684.97	
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	cutoff wall	2.000	180.000	0.750	0.160	0.000	43.200	-
ii	road	1.000	180.000	8.500	0.330	0.000	504.900	-
Total Quantity					548.1 Cft (Cubic Foot)		15.52043808 Cum (Cubic Meter)	
Amount					15.52043808 X 906.377232		14067.37	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	cutoff wall	2.000	180.000	0.750	0.660	0.000	178.200	-
ii	road	1.000	180.000	10.000	0.330	0.000	594.000	-

Total Quantity	772.2 Cft (Cubic Foot)	21.86623296 Cum (Cubic Meter)
Amount	21.86623296 X 6162.52825726	134751.28

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 specification and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	180.000	10.000	0.330	0.000	594.000	-
Total Quantity					594 Cft (Cubic Foot)		16.8201792 Cum (Cubic Meter)	
Amount					16.8201792 X 7793.27287962		131084.25	

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	cutoff wall	4.000	180.000	1.000	0.330	0.000	237.600	-
ii	road	2.000	180.000	1.000	0.660	0.000	237.600	-
Total Quantity					475.2 Sft (Square Foot)		44.1475056 Sqm (Square Meter)	
Amount					44.1475056 X 216.23489289764		9546.23	

Total Amount (A) : 290134.10

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	2901.3409925863
2	Display Citizen Board @ Rs.5000	-	5000

3	Any Other Lumpsum @ Rs.1964	hire cgarges of vibrator	1964
Additional Components Amount (F) : 9865.3409925863			
Grand Total Amount (A + F) : 299999.44025121			

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PURUSOTTAM KARAN
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