

Detailed Estimate

**OD/360/3435/119065/396676/00017068 : Maintenance of road from Nilikana Main road to Smasan road, Nilikana
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff wall	2.000	40.500	0.250	0.150	0.000	3.038	-
Total Quantity					3.0375 cum (cum)		3.0375 Cum (Cubic Meter)	
Amount					3.0375 X 179.18208		544.27	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff wall	2.000	40.500	0.250	0.050	0.000	1.013	-
ii	Road	1.000	15.000	4.300	0.100	0.000	6.450	-
iii		1.000	25.500	2.500	0.100	0.000	6.375	-
Total Quantity					13.8375 cum (cum)		13.8375 Cum (Cubic Meter)	
Amount					13.8375 X 718.921232		9948.07	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff wall	2.000	40.500	0.250	0.250	0.000	5.063	-
ii	Road	1.000	15.000	4.300	0.100	0.000	6.450	-
iii		1.000	25.500	2.500	0.100	0.000	6.375	-

Total Quantity		17.8875 cum (cum)		17.8875 Cum (Cubic Meter)				
Amount		17.8875 X 6205.97886328		111009.45				
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 specifaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	15.000	4.800	0.100	0.000	7.200	-
ii		1.000	25.500	3.000	0.100	0.000	7.650	-
Total Quantity		14.85 cum (cum)		14.85 Cum (Cubic Meter)				
Amount		14.85 X 7798.23468036		115803.79				
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	road	4.000	40.500	0.000	0.200	0.000	32.400	-
ii		2.000	40.500	0.000	0.100	0.000	8.100	-
Total Quantity		40.5 Sqm (Sqm)		40.5 Sqm (Square Meter)				
Amount		40.5 X 216.39264180804		8763.90				
Total Amount				246069.47				
Addition								
Provision for Contingency (+) @				2460.69				
Display Citizen Board (+) @				1469.00				
Any Other Lumpsum (+) @								
Total Addition				3929.69				
Grand Net Total Amount				249999.17				