

Detailed Estimate

OD/361/3450/119433/385635/00101706 : Const. of CC Road from Kanchandumuria to Sunsuni Hodi, Kanchandumuria
Block : Jhumpura, Gram Panchayat : Ukhunda
Created By:Manoj Kumar Soren

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	Road	1.000	100.000	3.100	0.125	0.000	38.750	-
ii	cut off	2.000	100.000	0.250	0.250	0.000	12.500	-
Total Quantity						51.25 cum (cum)	51.25 Cum (Cubic Meter)	
Amount						51.25 X 240.77592	12339.77	
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	Road	1.000	100.000	3.100	0.070	0.000	21.700	-
ii	cut off	2.000	100.000	0.250	0.070	0.000	3.500	-
Total Quantity						25.2 cum (cum)	25.2 Cum (Cubic Meter)	
Amount						25.2 X 715.749832	18036.90	
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	Road	1.000	100.000	3.100	0.100	0.000	31.000	-
ii	cut off	2.000	100.000	0.250	0.175	0.000	8.750	-

Total Quantity	39.75 cum (cum)	39.75 Cum (Cubic Meter)
Amount	39.75 X 5886.54455132	233990.15

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	100.000	3.600	0.080	0.000	28.800	-
Total Quantity							28.8 cum (cum)	28.8 Cum (Cubic Meter)
Amount							28.8 X 7574.75808884	218153.03

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	sides	2.000	100.000	0.000	0.200	0.000	40.000	-
ii	middle	33.000	3.600	0.000	0.080	0.000	9.504	-
Total Quantity							49.504 Sqm (Sqm)	49.504 Sqm (Square Meter)
Amount							49.504 X 216.23489289764	10704.49

Total Amount (A) : 493224.33

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	4932.2433267797
2	Display Citizen Board @ Rs.1843	-	1843

Additional Components Amount (F) : 6775.2433267797

Grand Total Amount (A + F) : 499999.57600475

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