

Detailed Estimate

OD/367/3527/120677/406281/00016406 : Construction of C.C Road from Natugaon medical front to Smasan Road
Block : Nayagarh, Panchayat : Natugaon
Created By:Krushna Chandra Acharya

1. Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff wall	2.000	33.000	0.225	0.100	0.000	1.485	-
Total Quantity					1.485 cum (cum)		1.485 Cum (Cubic Meter)	
Amount					1.485 X 196.3036		291.51	
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	33.000	0.225	0.050	0.000	0.743	-
ii	Road	1.000	33.000	2.550	0.100	0.000	8.415	-
Total Quantity					9.1575 cum (cum)		9.1575 Cum (Cubic Meter)	
Amount					9.1575 X 779.535372		7138.60	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff wall	2.000	33.000	0.225	0.150	0.000	2.228	-
ii	Road	1.000	33.000	3.000	0.100	0.000	9.900	-
Total Quantity					12.1275 cum (cum)		12.1275 Cum (Cubic Meter)	
Amount					12.1275 X 5130.2318043		62216.89	

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	33.000	3.000	0.100	0.000	9.900	-
ii	Expansion joint	6.000	3.000	0.006	0.100	0.000	-	0.011
Total Quantity					9.8892 cum (cum)		9.8892 Cum (Cubic Meter)	
Amount					9.8892 X 6905.5061581		68289.93	

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	2.000	33.000	0.000	0.250	0.000	16.500	-
Total Quantity					16.5 Sqm (Sqm)		16.5 Sqm (Square Meter)	
Amount					16.5 X 215.22489289764		3551.21	
Total Amount							141488.13	
Addition								
Provision for Contingency (+) @							0.00	
Display Citizen Board (+) @							1000.00	
Any Other Lumpsum (+) @							1299.50	
Total Addition							2299.50	
Grand Net Total Amount							143787.63	