

Detailed Estimate

OD/367/3527/120675/406256/00013754 : MAIN. & IMP OF NADIALI SOUTH SIDE ROAD

Block : Nayagarh, Panchayat : Nadiali

Created By:Ranjan Kumar Dora

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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	30.100	0.225	0.150	1.000	2.032	-
Total Quantity					2.03175 cum (cum)		2.03175 Cum (Cubic Meter)	
Amount					2.03175 X 235.56432		478.61	
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	2.000	30.100	0.225	0.050	1.000	0.677	-
ii	Road	1.000	30.100	3.200	0.100	1.000	9.632	-
Total Quantity					10.30925 cum (cum)		10.30925 Cum (Cubic Meter)	
Amount					10.30925 X 779.535372		8036.43	
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	2.000	30.100	0.225	0.200	1.000	2.709	-
ii	Road	1.000	30.100	3.650	0.100	1.000	10.987	-
Total Quantity					13.6955 cum (cum)		13.6955 Cum (Cubic Meter)	

Amount						13.6955 X 5130.2318043	70261.09	
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 specifaicaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	30.100	3.650	0.100	1.000	10.987	-
ii	Expansion Joint	6.000	3.650	0.006	0.100	1.000	-	0.013
Total Quantity					10.97336 cum (cum)		10.97336 Cum (Cubic Meter)	
Amount						10.97336 X 6905.5061581	75776.61	
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	2.000	30.100	0.000	0.300	1.000	18.060	-
Total Quantity					18.06 Sqm (Sqm)		18.06 Sqm (Square Meter)	
Amount						18.06 X 215.22489289764	3886.96	
Total Amount							158439.69	
Addition								
Provision for Contingency (+) @							0.00	
Display Citizen Board (+) @							1386.30	
Any Other Lumpsum (+) @							0.00	
Total Addition							1386.30	
Grand Net Total Amount							159825.99	