

Detailed Estimate

OD/367/3527/120669/406266/00013800 : MAINT. & IMP OF BEGUNIAPATNA NUASAH ROAD

Block : Nayagarh, Panchayat : Khuntubandha

Created By:Rajat Prabha Muduli

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	Cut off	2.000	101.000	0.750	0.500	0.000	75.750	-
Total Quantity					75.75 Cft (Cubic Foot)		2.1449976 Cum (Cubic Meter)	
Amount					2.1449976 X 235.56432		505.28	
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	Cut off	2.000	101.000	0.750	0.330	0.000	49.995	-
ii	Road base	1.000	101.000	10.500	0.160	0.000	169.680	-
Total Quantity					219.675 Cft (Cubic Foot)		6.22049304 Cum (Cubic Meter)	
Amount					6.22049304 X 700.634172		4358.29	
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	Cut off	2.000	101.000	0.750	0.660	0.000	99.990	-
ii	Road base	1.000	101.000	10.500	0.330	0.000	349.965	-

Total Quantity				449.955 Cft (Cubic Foot)			12.741285744 Cum (Cubic Meter)	
Amount				12.741285744 X 5130.2318043			65365.75	
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 specifaicaon and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road base	1.000	101.000	12.000	0.330	0.000	399.960	-
ii	Deduct	7.000	12.000	0.020	0.330	0.000	-	0.554
Total Quantity				399.4056 Cft (Cubic Foot)			11.30988849408 Cum (Cubic Meter)	
Amount				11.30988849408 X 6905.5061581			78100.50	
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	101.000	0.000	0.830	0.000	167.660	-
Total Quantity				167.66 Sft (Square Foot)			15.57611698 Sqm (Square Meter)	
Amount				15.57611698 X 215.22489289764			3352.37	
Total Amount							151682.20	
Addition								
Provision for Contingency (+) @							0.00	
Display Citizen Board (+) @							1586.80	
Any Other Lumpsum (+) @								
Total Addition							1586.80	
Grand Net Total Amount							153269.00	