

Detailed Estimate

OD/367/3527/120660/406280/00016400 : Construction of C.C Road at Kadalibasta Nisanga Sahi back side

Block : Nayagarh, Panchayat : Champatipur

Created By: Santosh Kumar Mallick

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	road cut off	2.000	36.000	0.225	0.100	0.000	1.620	-
Total Quantity					1.62 cum (cum)		1.62 Cum (Cubic Meter)	
Amount					1.62 X 235.56432		381.61	
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	road cut off	2.000	36.000	0.225	0.050	0.000	0.810	-
ii	road	1.000	36.000	2.300	0.100	0.000	8.280	-
Total Quantity					9.09 cum (cum)		9.09 Cum (Cubic Meter)	
Amount					9.09 X 779.535372		7085.98	
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	road cut off	2.000	36.000	0.225	0.150	0.000	2.430	-
ii	road	1.000	36.000	2.750	0.100	0.000	9.900	-
Total Quantity					12.33 cum (cum)		12.33 Cum (Cubic Meter)	

Amount						12.33 X 5130.2318043	63255.76	
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	36.000	2.750	0.100	0.000	9.900	-
ii	Expansion joint	10.000	2.900	0.006	0.100	0.000	-	0.017
Total Quantity					9.8826 cum (cum)		9.8826 Cum (Cubic Meter)	
Amount						9.8826 X 6905.5061581	68244.36	
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	36.000	0.000	0.250	0.000	18.000	-
Total Quantity					18 Sqm (Sqm)		18 Sqm (Square Meter)	
Amount						18 X 215.22489289764	3874.05	
Total Amount							142841.75	
Addition								
Provision for Contingency (+) @							0.00	
Display Citizen Board (+) @							500.00	
Any Other Lumpsum (+) @							446.00	
Total Addition							946.00	
Grand Net Total Amount							143787.75	