

Detailed Estimate

OD/361/3452/119469/385956/00016041 : CONSTRUCTION OF C.C ROAD FROM NEW COLONY (P.W.D. COLONY TO CHOTRAY MAHANTA HOUSE

Block : Kendujhar Sadar, Gram Panchayat : Raikala

Created By:Ranjan Kumar Swain

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	111.000	0.580	0.580	0.000	74.681	-
Total Quantity					74.6808 Cft (Cubic Foot)		2.11472127744 Cum (Cubic Meter)	
Amount					2.11472127744 X 240.77592		509.17	
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	111.000	0.580	0.160	0.000	20.602	-
ii	Road base	1.000	111.000	10.830	0.160	0.000	192.341	-
Total Quantity					212.9424 Cft (Cubic Foot)		6.02984735232 Cum (Cubic Meter)	
Amount					6.02984735232 X 1238.929832		7470.56	
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	111.000	0.580	0.580	0.000	74.681	-
ii	Road base	1.000	111.000	10.830	0.330	0.000	396.703	-
Total Quantity					471.3837 Cft (Cubic Foot)		13.34807795616 Cum (Cubic Meter)	
Amount					13.34807795616 X 6132.91313624		81862.60	
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 base	1.000	111.000	12.000	0.330	0.000	439.560	-
Total Quantity					439.56 Cft (Cubic Foot)		12.446932608 Cum (Cubic Meter)	
Amount					12.446932608 X 7809.96749888		97210.14	
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	CUTOFF	4.000	111.000	0.000	0.580	0.000	257.520	-
ii	Road base	2.000	111.000	0.000	0.330	0.000	73.260	-
Total Quantity					330.78 Sft (Square Foot)		30.73045434 Sqm (Square Meter)	
Amount					30.73045434 X 216.23489289764		6645.00	
Total Amount							193697.47	
Addition								

Provision for Contingency (+) @	2000.00
Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	1302.52
Provision for survey investigation and quality control (+) @	
Total Addition	6302.52
Grand Net Total Amount	199999.99

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