

Detailed Estimate

OD/346/3308/116294/394242/00110324 : Const of Road from Anil barik House to Narahari Barik house
Block : Simulia, Gram Panchayat : Abjhuna
Created By: Bhakta Ranjan Mohanty

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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff Wall	2.000	74.000	0.225	0.150	0.000	4.995	-
Total Quantity						4.995 cum (cum)	4.995 Cum (Cubic Meter)	
Amount						4.995 X 240.77592	1202.68	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff Wall	2.000	74.000	0.225	0.050	0.000	1.665	-
ii	Rd Base	1.000	74.000	2.000	0.090	0.000	13.320	-
Total Quantity						14.985 cum (cum)	14.985 Cum (Cubic Meter)	
Amount						14.985 X 1493.995232	22387.52	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff Wall	2.000	74.000	0.225	0.280	0.000	9.324	-
ii	Rd Base	1.000	74.000	2.000	0.090	0.000	13.320	-
Total Quantity						22.644 cum (cum)	22.644 Cum (Cubic Meter)	

Amount	22.644 X 6105.90361726	138262.08
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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	Rd Top	1.000	74.000	2.450	0.090	0.000	16.317	-
Total Quantity							16.317 cum (cum)	16.317 Cum (Cubic Meter)
Amount							16.317 X 7740.18727962	126296.64

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 Wall	2.000	74.000	0.000	0.180	0.000	26.640	-
ii	Rd Top	1.000	74.000	0.000	0.090	0.000	6.660	-
Total Quantity							33.3 Sqm (Sqm)	33.3 Sqm (Square Meter)
Amount							33.3 X 216.23489289764	7200.62

Total Amount (A) : 295349.53

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3087	-	3087
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.5177	Vibrator & Expansion Joint	5177

Additional Components Amount (F) : 13264

Grand Total Amount (A + F) : 308613.53355621

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