

Detailed Estimate

**OD/345/3295/115988/421156/00103996 : CONST OF CC ROAD FROM DHARAPGARH BASTI TO MAKRI ROAD Length
82 Mtr**

Block : Saintala, Gram Panchayat : Dharapgarh

Created By:Rojalin Parida

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	ROAD	1.000	75.000	3.650	0.100	1.000	27.375	-
ii	CUTTOFF	2.000	75.000	0.150	0.150	1.000	3.375	-
Total Quantity						30.75 cum (cum)	30.75 Cum (Cubic Meter)	
Amount						30.75 X 240.77592	7403.86	
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	cuttoff	2.000	75.000	0.150	0.050	0.000	1.125	-
ii	road	1.000	75.000	3.050	0.100	0.000	22.875	-
Total Quantity						24 cum (cum)	24 Cum (Cubic Meter)	
Amount						24 X 453.796232	10891.11	
3. 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	ROAD	2.000	75.000	0.000	0.100	0.000	15.000	-

ii	CUTTOFF	4.000	75.000	0.000	0.150	0.000	45.000	-
Total Quantity					60 Sqm (Sqm)		60 Sqm (Square Meter)	
Amount					60 X 216.23489289764		12974.09	

4. 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	road	1.000	75.000	3.050	0.100	1.000	22.875	-
ii	cutoff	2.000	75.000	0.150	0.150	1.000	3.375	-
Total Quantity					26.25 cum (cum)		26.25 Cum (Cubic Meter)	
Amount					26.25 X 4816.08104676		126422.13	

5. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	75.000	3.650	0.076	0.000	20.805	-
Total Quantity					20.805 cum (cum)		20.805 Cum (Cubic Meter)	
Amount					20.805 X 6483.91115212		134897.77	

Total Amount (A) : 292588.96

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3000	-	3000
2	Display Citizen Board @ Rs.4411	-	4411

Additional Components Amount (F) : 7411

Grand Total Amount (A + F) : 299999.96167917

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