

Detailed Estimate

OD/353/3363/117556/414823/00073209 : Construction of Road at Jamtarang in Convergence with MGNREGA
Block : Rayagad, Gram Panchayat : Lailai
Created By: BILASINI PRADHAN

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	Both side cut off wall	2.000	82.900	0.250	0.150	0.000	6.218	-
Total Quantity					6.2175 cum (cum)		6.2175 Cum (Cubic Meter)	
Amount					6.2175 X 240.77592		1497.02	
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	c.c road base	1.000	82.900	3.150	0.100	0.000	26.114	-
Total Quantity					26.1135 cum (cum)		26.1135 Cum (Cubic Meter)	
Amount					26.1135 X 1217.154232		31784.16	
3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Crusher 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	Both side cut off wall	2.000	82.900	0.250	0.250	0.000	10.363	-
ii	c.c road	1.000	82.900	3.650	0.100	0.000	30.259	-

Total Quantity		40.621 cum (cum)		40.621 Cum (Cubic Meter)				
Amount		40.621 X 6161.17874172		250273.24				
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	c.c road	1.000	82.900	3.650	0.070	0.000	21.181	-
Total Quantity		21.18095 cum (cum)		21.18095 Cum (Cubic Meter)				
Amount		21.18095 X 7666.76674564		162389.40				
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	Road sides	4.000	82.900	0.000	0.250	0.000	82.900	-
ii		2.000	82.900	0.000	0.170	0.000	28.186	-
Total Quantity		111.086 Sqm (Sqm)		111.086 Sqm (Square Meter)				
Amount		111.086 X 216.55039071844		24055.72				
Total Amount		469999.54						
Addition								
Provision for Contingency (+) @		4800.00						
Display Citizen Board (+) @		5000.00						

Any Other Lumpsum (+) @	200.00
Provision for survey investigation and quality control (+) @	
Total Addition	10000.00
Grand Net Total Amount	479999.54

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