

Detailed Estimate

OD/353/3363/117557/414784/00072575 : Construction of Road from Titili to Atangapur in Convergence with MGNREGA

Block : Rayagad, Gram Panchayat : Laxmipur

Created By: Janemejay Mohanta

1. Earth Work (AR0103a) : Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift								
Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	LEVELLING	1.000	120.000	3.660	0.100	0.000	43.920	-
ii	Cut Off Wall	2.000	120.000	0.230	0.230	0.000	12.696	-
Total Quantity					56.616 cum (cum)		56.616 Cum (Cubic Meter)	
Amount					56.616 X 312.915372		17716.02	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC ROAD	1.000	120.000	3.660	0.050	0.000	21.960	-
ii		2.000	120.000	0.230	0.050	0.000	2.760	-
Total Quantity					24.72 cum (cum)		24.72 Cum (Cubic Meter)	
Amount					24.72 X 1282.905232		31713.42	
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	C.C ROAD	1.000	120.000	3.660	0.075	0.000	32.940	-
ii	CUT OFF WALL	2.000	120.000	0.230	0.180	0.000	9.936	-
Total Quantity					42.876 cum (cum)		42.876 Cum (Cubic Meter)	
Amount					42.876 X 5809.21170962		249075.76	
4. Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum								
Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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	CC ROAD	1.000	120.000	3.660	0.075	0.000	32.940	-
Total Quantity					32.94 cum (cum)		32.94 Cum (Cubic Meter)	
Amount					32.94 X 6920.44798094		227959.56	
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	CC ROAD	1.000	120.000	1.000	0.175	0.000	21.000	-
Total Quantity					21 Sqm (Sqm)		21 Sqm (Square Meter)	
Amount					21 X 216.55039071844		4547.56	
Total Amount							531012.31	
Addition								
Provision for Contingency (+) @							10920.00	
Display Citizen Board (+) @							4067.00	

Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	14987.00
Grand Net Total Amount	545999.31

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