

Detailed Estimate

OD/370/3557/121260/426615/00016730 : Improvement of CC road at Badahansa
Block : Rayagada, Panchayat : Jemadeipentha
Created By:DEEPTI RANJAN BEHERA

1. Earth Work (AR0103a1) : Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m to 75m lead and 1.5m								
Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m to 75m 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 specification approved by the dept.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off wall	2.000	35.800	0.300	0.200	1.000	4.296	-
Total Quantity					4.296 cum (cum)		4.296 Cum (Cubic Meter)	
Amount					4.296 X 319.837912		1374.02	
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	Cut off wall	2.000	35.800	0.300	0.050	1.000	1.074	-
ii	Bed	1.000	35.800	3.000	0.050	1.000	5.370	-
Total Quantity					6.444 cum (cum)		6.444 Cum (Cubic Meter)	
Amount					6.444 X 614.248872		3958.22	
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	Cut of wall	2.000	35.800	0.300	0.250	1.000	5.370	-
ii	Bed	1.000	35.800	3.000	0.100	1.000	10.740	-
Total Quantity					16.11 cum (cum)		16.11 Cum (Cubic Meter)	

Amount						16.11 X 5281.23256332	85080.66	
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 and as per direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road surface	1.000	35.800	3.600	0.100	1.000	12.888	-
Total Quantity					12.888 cum (cum)		12.888 Cum (Cubic Meter)	
Amount					12.888 X 6859.61607484		88406.73	
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 centering 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road side centring	2.000	35.800	1.000	0.200	1.000	14.320	-
Total Quantity					14.32 Sqm (Sqm)		14.32 Sqm (Square Meter)	
Amount					14.32 X 215.22489289764		3082.02	
Total Amount							181901.65	
Addition								
Provision for Contingency (+) @							1819.02	
Display Citizen Board (+) @							2000.00	
Any Other Lumpsum (+) @							811.00	
Total Addition							4630.02	
Grand Net Total Amount							186531.67	