

Detailed Estimate

OD/345/3296/116015/421450/00062832 : IMPROVEMENT OF CC ROAD KUSHKELA HARIJANPADA TO RUNDIMAHUL
Block : Titlagarh, Gram Panchayat : Kuskela
Created By: BIRENDRA NATH SINGH

1. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	77.000	3.000	0.000	0.000	231.000	-
Total Quantity					231 Sqm (Sqm)		231 Sqm (Square Meter)	
Amount					231 X 4.6662		1077.89	
2. 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	Cut off	2.000	77.000	0.225	0.200	0.000	6.930	-
Total Quantity					6.93 cum (cum)		6.93 Cum (Cubic Meter)	
Amount					6.93 X 240.77592		1668.58	
3. 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	Cut off	2.000	77.000	0.225	0.100	0.000	3.465	-
ii	Road	1.000	77.000	2.550	0.100	0.000	19.635	-
Total Quantity					23.1 cum (cum)		23.1 Cum (Cubic Meter)	

Amount				23.1 X 455.816232			10529.35	
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	Cut off	2.000	77.000	0.225	0.300	0.000	10.395	-
ii	Road	1.000	77.000	2.550	0.100	0.000	19.635	-
Total Quantity					30.03 cum (cum)		30.03 Cum (Cubic Meter)	
Amount				30.03 X 4925.01854586			147898.31	
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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	77.000	3.000	0.075	0.000	17.325	-
Total Quantity					17.325 cum (cum)		17.325 Cum (Cubic Meter)	
Amount				17.325 X 6640.69301782			115050.01	
6. 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	Cut off	4.000	77.000	0.000	0.200	0.000	61.600	-
ii	Road	2.000	77.000	0.000	0.075	0.000	11.550	-
Total Quantity					73.15 Sqm (Sqm)		73.15 Sqm (Square Meter)	

Amount	73.15 X 216.55039071844	15840.66
Total Amount		292064.80
Addition		
Provision for Contingency (+) @		2920.65
Display Citizen Board (+) @		3000.00
Any Other Lumpsum (+) @		2014.00
Provision for survey investigation and quality control (+) @		
Total Addition		7934.65
Grand Net Total Amount		299999.45

BIRENDRA NATH SINGH
JE
Titlagarh Block

ANSHU KUMAR
AEE
Titlagarh Block

CHANDRAMANI NAG
BDO
Titlagarh Block