

Detailed Estimate

OD/356/3400/118439/401052/00067953 : Repair & restoration of road from Sanakujala school to Irshad house
Block : Jajpur, Gram Panchayat : Uparbaruhan
Created By:SONALI DAS

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	Cut off wall	2.000	18.400	0.225	0.150	0.000	1.242	-
Total Quantity					1.242 cum (cum)		1.242 Cum (Cubic Meter)	
Amount					1.242 X 240.77592		299.04	
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	cut off wall	2.000	18.400	0.225	0.050	0.000	0.414	-
Total Quantity					0.414 cum (cum)		0.414 Cum (Cubic Meter)	
Amount					0.414 X 751.847232		311.26	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	2.000	18.400	0.225	0.100	0.000	0.828	-
ii	Road	1.000	18.400	3.650	0.100	0.000	6.716	-

Total Quantity		7.544 cum (cum)		7.544 Cum (Cubic Meter)				
Amount		7.544 X 6022.58916166		45434.41				
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	Road	1.000	18.400	3.650	0.100	0.000	6.716	-
Total Quantity		6.716 cum (cum)		6.716 Cum (Cubic Meter)				
Amount		6.716 X 7511.17127442		50445.03				
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	2.000	18.400	0.000	0.200	0.000	7.360	-
Total Quantity		7.36 Sqm (Sqm)		7.36 Sqm (Square Meter)				
Amount		7.36 X 216.23489289764		1591.49				
Total Amount		98081.24						
Addition								
Provision for Contingency (+) @		1000.00						
Display Citizen Board (+) @		900.00						
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition		1900.00						

Grand Net Total Amount

99981.24

**SONALI DAS
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**SAROJ KUMAR SWAIN
AEE
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