

Detailed Estimate

OD/350/3342/117094/399781/00019446 : Improvement Of Road from Nuagaon UP School To Satpathi Sahi Chhak
Block : Nischinta Koili, Gram Panchayat : Katikata
Created By:Shibangi Dash

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	Cut off	2.000	30.000	0.250	0.200	1.000	3.000	-
Total Quantity					3 cum (cum)		3 Cum (Cubic Meter)	
Amount					3 X 240.77592		722.33	
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	2.000	30.000	0.250	0.100	1.000	1.500	-
ii	Road	1.000	30.000	2.500	0.100	1.000	7.500	-
Total Quantity					9 cum (cum)		9 Cum (Cubic Meter)	
Amount					9 X 1086.157232		9775.42	
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 off	2.000	30.000	0.250	0.100	1.000	1.500	-

ii	Road	1.000	30.000	3.000	0.100	1.000	9.000	-
Total Quantity					10.5 cum (cum)		10.5 Cum (Cubic Meter)	
Amount					10.5 X 6214.82012856		65255.61	
4. 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	2.000	30.000	0.000	0.200	1.000	12.000	-
Total Quantity					12 Sqm (Sqm)		12 Sqm (Square Meter)	
Amount					12 X 216.23489289764		2594.82	
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 surface	1.000	30.000	3.000	0.100	1.000	9.000	-
Total Quantity					9 cum (cum)		9 Cum (Cubic Meter)	
Amount					9 X 7734.89337472		69614.04	
Total Amount							147962.21	
Addition								
Provision for Contingency (+) @							1540.00	
Display Citizen Board (+) @							1000.00	
Any Other Lumpsum (+) @							3497.00	
Provision for survey investigation and quality control (+) @								

Total Addition	6037.00
Grand Net Total Amount	153999.21

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Nischinta Koili Block

Nalinikanta Mohapatra
AEE
Nischinta Koili Block

Dibyendu Kumar Das
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