

Detailed Estimate

**OD/346/3309/116325/393736/00063309 : Const. of cc road from Bhagirathi Jena house Nischintapur UGUP School,
Nischintapur
Block : Soro, Gram Panchayat : Nischintapur
Created By:Sanjib Kumar Mohapatra**

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	Road	2.000	86.000	0.750	0.500	0.000	64.500	-
Total Quantity					64.5 Cft (Cubic Foot)		1.8264336 Cum (Cubic Meter)	
Amount					1.8264336 X 240.77592		439.76	
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	Side wall	2.000	86.000	0.750	1.000	0.000	129.000	-
ii	Bed	1.000	86.000	8.500	0.330	0.000	241.230	-
Total Quantity					370.23 Cft (Cubic Foot)		10.483728864 Cum (Cubic Meter)	
Amount					10.483728864 X 1493.995232		15662.64	
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	Side Wall	2.000	86.000	0.750	1.000	0.000	129.000	-

ii	Bed	1.000	86.000	8.500	0.330	0.000	241.230	-
Total Quantity					370.23 Cft (Cubic Foot)		10.483728864 Cum (Cubic Meter)	
Amount					10.483728864 X 6054.98992126		63478.87	

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	Side Wall	4.000	86.000	1.500	0.000	0.000	516.000	-
ii	SW	2.000	85.000	0.250	0.000	0.000	42.500	-
Total Quantity					558.5 Sft (Square Foot)		51.8863255 Sqm (Square Meter)	
Amount					51.8863255 X 216.23489289764		11219.63	

5. 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	SW	2.000	86.000	0.750	0.500	0.000	64.500	-
Total Quantity					64.5 Sft (Square Foot)		5.9922435 Sqm (Square Meter)	
Amount					5.9922435 X 4.6662		27.96	

6. 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	Bed	1.000	86.000	10.000	0.250	0.000	215.000	-

Total Quantity	215 Cft (Cubic Foot)	6.088112 Cum (Cubic Meter)
Amount	6.088112 X 7503.48367962	45682.05

Total Amount (A) : 136510.92

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.1440	-	1440
2	Display Citizen Board @ Rs.3000	-	3000
3	Any Other Lumpsum @ Rs.2852.08	Vibrator T&P Photo	2852.08
Additional Components Amount (F) : 7292.08			

Grand Total Amount (A + F) : 143802.99885116

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