

Detailed Estimate

OD/355/3388/118110/398335/00069299 : Improvement of road from Akshay Mallick house to Mahavir RD road
Block : Erasama, Gram Panchayat : Nuagaon
Created By:Manasmita Mishra

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	Cutt off	2.000	23.000	0.250	0.150	0.000	1.725	-
Total Quantity					1.725 cum (cum)		1.725 Cum (Cubic Meter)	
Amount					1.725 X 240.77592		415.34	
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	Road	1.000	23.000	3.600	0.050	0.000	4.140	-
Total Quantity					4.14 cum (cum)		4.14 Cum (Cubic Meter)	
Amount					4.14 X 1048.625632		4341.31	
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	Cutt off	2.000	23.000	0.250	0.150	0.000	1.725	-
ii	Road	1.000	23.000	3.600	0.100	0.000	8.280	-

Total Quantity			10.005 cum (cum)				10.005 Cum (Cubic Meter)	
Amount			10.005 X 6940.28047628				69437.51	
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	23.000	3.600	0.100	0.000	8.280	-
Total Quantity			8.28 cum (cum)				8.28 Cum (Cubic Meter)	
Amount			8.28 X 8376.57148736				69358.01	
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	Cutt off	2.000	23.000	0.000	0.100	0.000	4.600	-
ii	Road	1.000	23.000	0.000	0.100	0.000	2.300	-
Total Quantity			6.9 Sqm (Sqm)				6.9 Sqm (Square Meter)	
Amount			6.9 X 216.23489289764				1492.02	
Total Amount							145044.19	
Addition								
Provision for Contingency (+) @							1480.00	
Display Citizen Board (+) @							1459.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								

Total Addition	2939.00
Grand Net Total Amount	147983.19

Manasmita Mishra
JE
Erasama Block

Dipti Rekha Mallick
AEE
Erasama Block

Sri Dasarathi Jena
BDO
Erasama Block