

Detailed Estimate

OD/346/3306/116256/393340/00063624 : Repair and Restoration of road from Sukura Singh house to AWC
Block : Oupada, Gram Panchayat : Badapokhari
Created By: Monalisha Singh

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 walls	2.000	88.000	0.830	0.330	0.000	48.206	-
ii		1.000	8.330	0.830	0.330	0.000	2.282	-
Total Quantity					50.487987 Cft (Cubic Foot)		1.4296582302816 Cum (Cubic Meter)	
Amount					1.4296582302816 X 240.77592		344.23	
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 walls	2.000	88.000	0.830	0.160	0.000	23.373	-
ii		1.000	8.330	0.830	0.160	0.000	1.106	-
iii	road	1.000	88.000	8.330	0.330	0.000	241.903	-
Total Quantity					266.382224 Cft (Cubic Foot)		7.5430921605632 Cum (Cubic Meter)	
Amount					7.5430921605632 X 1679.835232		12671.15	
3. 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	Cutt off walls	2.000	88.000	0.830	0.500	0.000	73.040	-
ii		1.000	8.330	0.830	0.500	0.000	3.457	-
iii	road	1.000	88.000	10.000	0.330	0.000	290.400	-
Total Quantity					366.89695 Cft (Cubic Foot)		10.38934755376 Cum (Cubic Meter)	
Amount					10.38934755376 X 6043.0074772		62782.90	

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	88.000	10.000	0.330	0.000	290.400	-
Total Quantity					290.4 Cft (Cubic Foot)		8.22319872 Cum (Cubic Meter)	
Amount					8.22319872 X 7676.7791544		63127.68	

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	cut off walls	2.000	88.000	2.000	0.330	0.000	116.160	-
ii		1.000	8.330	2.000	0.330	0.000	5.498	-
iii	road	1.000	88.000	2.000	0.660	0.000	116.160	-

Total Quantity	237.8178 Sft (Square Foot)	22.0939870734 Sqm (Square Meter)
Amount	22.0939870734 X 216.23489289764	4777.49
Total Amount		143703.46
Addition		
Provision for Contingency (+) @		1437.03
Display Citizen Board (+) @		2000.00
Any Other Lumpsum (+) @		1422.00
Provision for survey investigation and quality control (+) @		1437.03
Total Addition		6296.07
Grand Net Total Amount		149999.52

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