

Detailed Estimate

**OD/346/3305/116230/393129/00105686 : Repair and restoration of road from gopalpur baidhar patra house to muni
singh house ward no 5**

Block : Nilgiri, Gram Panchayat : Ajodhya

Created By: MADHUSMITA MOHANTY

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	WALL	2.000	21.000	0.750	0.660	0.000	20.790	-
Total Quantity					20.79 Cft (Cubic Foot)		0.588706272 Cum (Cubic Meter)	
Amount					0.588706272 X 240.77592		141.75	
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	WALL	2.000	21.000	0.750	0.330	0.000	10.395	-
ii	ROAD	1.000	16.000	12.750	0.500	0.000	102.000	-
iii		1.000	5.000	10.660	0.500	0.000	26.650	-
Total Quantity					139.045 Cft (Cubic Foot)		3.937309456 Cum (Cubic Meter)	
Amount					3.937309456 X 855.776232		3369.46	
3. 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	WALL	2.000	21.000	2.000	0.500	0.000	42.000	-
ii		1.000	21.000	2.000	0.620	0.000	26.040	-
Total Quantity					68.04 Sft (Square Foot)		6.32112012 Sqm (Square Meter)	
Amount					6.32112012 X 216.23489289764		1366.85	

4. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	WALL	1.000	21.000	0.750	0.830	0.000	13.073	-
ii	ROAD	1.000	16.000	14.250	0.330	0.000	75.240	-
iii		1.000	5.000	12.160	0.330	0.000	20.064	-
Total Quantity					108.3765 Cft (Cubic Foot)		3.0688756752 Cum (Cubic Meter)	
Amount					3.0688756752 X 6134.88874876		18827.21	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	16.000	14.250	0.290	0.000	66.120	-
ii		1.000	5.000	12.160	0.290	0.000	17.632	-
Total Quantity					83.752 Cft (Cubic Foot)		2.3715886336 Cum (Cubic Meter)	
Amount					2.3715886336 X 7786.87155012		18467.26	

Total Amount (A) : 42172.52

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.460	-	460
2	Display Citizen Board @ Rs.800	-	800
3	Any Other Lumpsum @ Rs.2567.48	VIBRATOR AND OTHERS	2567.48
Additional Components Amount (F) :			3827.48
Grand Total Amount (A + F) :			45999.995787561

MADHUSMITA MOHANTY
JE
Nilgiri Block

Sarat kumar Upadhyay
AEE
Nilgiri Block

Bikram Kishore Parida
BDO
Nilgiri Block