

Detailed Estimate

**OD/346/3302/116146/391651/00066316 : REPAIR & MAINTENANCE OF ROAD FROM ADB MAIN ROAD TO SINGHSAHI
AT VILLAGE BHOGRAI**

**Block : Bhograi, Gram Panchayat : Bhograi
Created By: SARADA PRASANNA 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	Road Bed Cutting	1.000	29.000	10.500	0.330	0.000	100.485	-
ii	Road Bed Cutting	1.000	72.000	8.000	0.330	0.000	190.080	-
Total Quantity					290.565 Cft (Cubic Foot)		8.227870992 Cum (Cubic Meter)	
Amount					8.227870992 X 240.77592		1981.07	
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 Bed Filling	1.000	29.000	10.500	0.330	0.000	100.485	-
ii	Road Bed Filling	1.000	72.000	8.000	0.330	0.000	190.080	-
Total Quantity					290.565 Cft (Cubic Foot)		8.227870992 Cum (Cubic Meter)	
Amount					8.227870992 X 1216.164432		10006.44	
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	Road fdn.	1.000	29.000	10.500	0.330	0.000	100.485	-
ii	Road fdn.	1.000	72.000	8.000	0.330	0.000	190.080	-
Total Quantity					290.565 Cft (Cubic Foot)		8.227870992 Cum (Cubic Meter)	
Amount					8.227870992 X 7096.2342147		58386.90	

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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wearing coat of road top	1.000	29.000	10.500	0.330	0.000	100.485	-
ii	Wearing coat of road top	1.000	72.000	8.000	0.330	0.000	190.080	-
Total Quantity					290.565 Cft (Cubic Foot)		8.227870992 Cum (Cubic Meter)	
Amount					8.227870992 X 8468.7036409		69679.40	

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		2.000	101.000	0.000	0.670	0.000	135.340	-
Total Quantity					135.34 Sft (Square Foot)		12.57349202 Sqm (Square Meter)	

Amount	12.57349202 X 216.23489289764	2718.83
Total Amount		142772.65
Addition		
Provision for Contingency (+) @		715.00
Display Citizen Board (+) @		300.00
Any Other Lumpsum (+) @		0.00
Provision for survey investigation and quality control (+) @		0.00
Total Addition		1015.00
Grand Net Total Amount		143787.65

SARADA PRASANNA MOHANTY
JE
Bhograi Block

PRAMOD KUMAR BEHERA
AEE
Bhograi Block

Prasanta Kumar Moharana
BDO
Bhograi Block