

Detailed Estimate

**OD/348/3326/116686/395362/00064194 : Imp. of road with CC/Gr-II metalling from Sai Mandir to PMGSY road at Santa
Block : Chandabali, Gram Panchayat : Badaosita
Created By:Ashashree Sahoo**

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	Cutoff wall	2.000	45.000	0.229	0.200	0.000	4.122	-
Total Quantity					4.122 cum (cum)		4.122 Cum (Cubic Meter)	
Amount					4.122 X 240.77592		992.48	
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	cutoff wall	2.000	45.000	0.229	0.100	0.000	2.061	-
ii	Road bed	1.000	45.000	2.819	0.100	0.000	12.686	-
Total Quantity					14.7465 cum (cum)		14.7465 Cum (Cubic Meter)	
Amount					14.7465 X 1406.892832		20746.75	
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	Cutoff wall	2.000	45.000	0.229	0.200	0.000	4.122	-

ii	Road Bed	1.000	45.000	2.819	0.100	0.000	12.686	-
Total Quantity					16.8075 cum (cum)		16.8075 Cum (Cubic Meter)	
Amount					16.8075 X 6683.27262206		112329.10	
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 Bed	1.000	45.000	3.048	0.100	0.000	13.716	-
Total Quantity					13.716 cum (cum)		13.716 Cum (Cubic Meter)	
Amount					13.716 X 8090.43332222		110968.38	
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	cutoff wall	4.000	45.000	0.000	0.100	0.000	18.000	-
ii	cutoff wall	2.000	45.000	0.000	0.200	0.000	18.000	-
Total Quantity					36 Sqm (Sqm)		36 Sqm (Square Meter)	
Amount					36 X 216.23489289764		7784.46	
Total Amount							252821.17	
Addition								
Provision for Contingency (+) @							2590.00	
Display Citizen Board (+) @							2000.00	

Any Other Lumpsum (+) @	1580.00
Provision for survey investigation and quality control (+) @	
Total Addition	6170.00
Grand Net Total Amount	258991.17

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