

Detailed Estimate

**OD/356/3400/118420/400937/00110607 : CONSTRUCTION OF CC ROAD FROM RD ROAD TO MAJHI SAHI
SAPTAGHARA**

Block : Jajpur, Gram Panchayat : Bichitrapur

Created By: TANMAYEE RATHA

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	cut off	2.000	65.160	0.225	0.150	0.000	4.398	-
Total Quantity						4.3983 cum (cum)	4.3983 Cum (Cubic Meter)	
Amount						4.3983 X 240.77592	1059.00	
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	Cut off	2.000	65.160	0.225	0.050	0.000	1.466	-
ii	Road	1.000	65.160	3.200	0.100	0.000	20.851	-
Total Quantity						22.3173 cum (cum)	22.3173 Cum (Cubic Meter)	
Amount						22.3173 X 751.847232	16779.20	
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	Cut off	2.000	65.160	0.225	0.200	0.000	5.864	-
ii	Road	1.000	65.160	3.650	0.100	0.000	23.783	-
Total Quantity						29.6478 cum (cum)	29.6478 Cum (Cubic Meter)	

Amount	29.6478 X 6111.79236166	181201.20
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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	65.160	3.650	0.100	0.000	23.783	-
Total Quantity							23.7834 cum (cum)	23.7834 Cum (Cubic Meter)
Amount							23.7834 X 7594.79927442	180630.15

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	4.000	65.160	0.000	0.100	0.000	26.064	-
ii	Road	2.000	65.160	0.000	0.200	0.000	26.064	-
Total Quantity							52.128 Sqm (Sqm)	52.128 Sqm (Square Meter)
Amount							52.128 X 216.23489289764	11271.89

Total Amount (A) : 390941.44

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.4000	-	4000
2	Display Citizen Board @ Rs.5000	-	5000

Additional Components Amount (F) : 9000

Grand Total Amount (A + F) : 399941.44409988

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