

Detailed Estimate

OD/357/3404/118515/381127/00101644 : Construction of CC Road from Rice mill to Kisanpada at Brundamal
Block : Jharsuguda, Gram Panchayat : Badmal
Created By:Rasmita maharana

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	1.000	70.000	3.600	0.100	0.000	25.200	-
ii	cutoff	2.000	70.000	0.230	0.230	0.000	7.406	-
Total Quantity							32.606 cum (cum)	32.606 Cum (Cubic Meter)
Amount							32.606 X 240.77592	7850.74
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	1.000	70.000	3.600	0.100	0.000	25.200	-
ii	cutoff	2.000	70.000	0.230	0.050	0.000	1.610	-
Total Quantity							26.81 cum (cum)	26.81 Cum (Cubic Meter)
Amount							26.81 X 980.268832	26281.01
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	1.000	70.000	3.600	0.100	0.000	25.200	-
ii	cutoff	2.000	70.000	0.230	0.125	0.000	4.025	-

Total Quantity	29.225 cum (cum)	29.225 Cum (Cubic Meter)
Amount	29.225 X 5819.33145714	170069.96

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	70.000	3.600	0.100	0.000	25.200	-
Total Quantity					25.2 cum (cum)		25.2 Cum (Cubic Meter)	
Amount					25.2 X 7241.02422718		182473.81	

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	road	2.000	70.000	0.150	0.000	0.000	21.000	-
Total Quantity					21 Sqm (Sqm)		21 Sqm (Square Meter)	
Amount					21 X 216.23489289764		4540.93	

Total Amount (A) : 391216.45

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.4000	-	4000
2	Display Citizen Board @ Rs.4783.49	-	4783.49

Additional Components Amount (F) : 8783.49

Grand Total Amount (A + F) : 399999.94214414

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