

Detailed Estimate

**OD/350/3336/116941/400128/00110328 : Construction of CC road from Kiapokhari RD road to Ashok Mohanty house
at Brahmanjharilo
Block : Baranga, Gram Panchayat : Kuranga Padhan
Created By: Jayashree Rout**

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	2.000	218.000	0.750	0.500	0.000	163.500	-
Total Quantity						163.5 Cft (Cubic Foot)	4.6297968 Cum (Cubic Meter)	
Amount						4.6297968 X 240.77592	1114.74	
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	Cutoff	2.000	218.000	0.750	0.170	0.000	55.590	-
ii	ROAD	1.000	218.000	8.500	0.250	0.000	463.250	-
Total Quantity						518.84 Cft (Cubic Foot)	14.691888512 Cum (Cubic Meter)	
Amount						14.691888512 X 586.207232	8612.49	
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	2.000	218.000	0.750	0.570	0.000	186.390	-

ii	ROAD	1.000	218.000	10.000	0.330	0.000	719.400	-
Total Quantity					905.79 Cft (Cubic Foot)		25.649074272 Cum (Cubic Meter)	
Amount					25.649074272 X 6079.80285386		155941.31	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	218.000	10.000	0.250	0.000	545.000	-
ii	deduct expansion joint	1.000	5.450	0.000	0.000	0.000	-	5.450
Total Quantity					539.55 Cft (Cubic Foot)		15.27832944 Cum (Cubic Meter)	
Amount					15.27832944 X 7542.84905582		115242.13	

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	2.000	218.000	0.000	0.570	0.000	248.520	-
ii	road	2.000	218.000	0.000	0.570	0.000	248.520	-
Total Quantity					497.04 Sft (Square Foot)		46.17650712 Sqm (Square Meter)	
Amount					46.17650712 X 216.23489289764		9984.97	

Total Amount (A) : 290895.65

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3000	-	3000
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.1104	vibrator	1104
Additional Components Amount (F) : 9104			
Grand Total Amount (A + F) : 299999.65470167			

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