

Detailed Estimate

OD/345/3295/115983/421143/00063224 : CONSTRUCTION OF CC ROAD FROM GHANTAMAL TO BAHARPADA
Block : Saintala, Gram Panchayat : Ampali
Created By:Santosh Behera

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	255.000	0.830	0.830	0.028	9.943	-
ii	Road-	1.000	255.000	10.330	0.500	0.028	37.273	-
Total Quantity						47.2161162 cum (cum)	47.2161162 Cum (Cubic Meter)	
Amount						47.2161162 X 240.77592	11368.50	
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	255.000	0.830	0.250	0.028	2.995	-
ii	Road-	1.000	255.000	10.330	0.330	0.028	24.600	-
Total Quantity						27.59517435 cum (cum)	27.59517435 Cum (Cubic Meter)	
Amount						27.59517435 X 561.229932	15487.24	
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	255.000	0.500	1.330	0.028	9.598	-

ii	Road-	1.000	255.000	11.000	0.330	0.028	26.196	-
Total Quantity					35.79384 cum (cum)		35.79384 Cum (Cubic Meter)	
Amount					35.79384 X 5277.29552676		188894.67	
4. 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	Cot off	2.000	255.000	0.000	1.330	0.093	63.014	-
Total Quantity					63.01407 Sqm (Sqm)		63.01407 Sqm (Square Meter)	
Amount					63.01407 X 216.23489289764		13625.84	
5. 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	255.000	12.000	0.330	0.028	28.577	-
Total Quantity					28.57734 cum (cum)		28.57734 Cum (Cubic Meter)	
Amount					28.57734 X 6727.32771712		192249.13	
6. Road Work (AR1307) : Supplying & spreading moorum and consolidation with HRR								
Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Berm-	2.000	255.000	2.000	1.330	0.028	38.392	-

Total Quantity	38.39178 cum (cum)	38.39178 Cum (Cubic Meter)
Amount	38.39178 X 1042.1639046784	40010.53

Total Amount (A) : 461635.91

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	4616.3591285183
2	Display Citizen Board @ Rs.5190	-	5190
Additional Components Amount (F) : 9806.3591285183			

Grand Total Amount (A + F) : 471442.27198035

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