

Detailed Estimate

OD/348/3325/116680/394856/00114991 : Construction of CC Road from Tikarpada School to Dina Jena House
Block : Bonth, Gram Panchayat : Ramakrushnapur
Created By:Rupashree Mangaraj

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	78.000	0.225	0.200	0.000	7.020	-
Total Quantity						7.02 cum (cum)	7.02 Cum (Cubic Meter)	
Amount						7.02 X 240.77592	1690.25	
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	78.000	0.225	0.100	0.000	3.510	-
ii	road	1.000	78.000	2.550	0.100	0.000	19.890	-
Total Quantity						23.4 cum (cum)	23.4 Cum (Cubic Meter)	
Amount						23.4 X 1040.161832	24339.79	
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	78.000	0.225	0.300	0.000	10.530	-
ii	road	1.000	78.000	2.550	0.100	0.000	19.890	-
Total Quantity						30.42 cum (cum)	30.42 Cum (Cubic Meter)	

Amount						30.42 X 6179.51694206	187980.91	
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	cutoff	4.000	78.000	0.100	0.000	0.000	31.200	-
ii	road	2.000	78.000	0.180	0.000	0.000	28.080	-
Total Quantity					59.28 Sqm (Sqm)		59.28 Sqm (Square Meter)	
Amount					59.28 X 216.23489289764		12818.40	
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 specifaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	78.000	3.000	0.080	0.000	18.720	-
Total Quantity					18.72 cum (cum)		18.72 Cum (Cubic Meter)	
Amount					18.72 X 7618.16237222		142612.00	
Total Amount (A) : 369441.34								
Additional Components								
#	Item Name						Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3820						-	3820
2	Display Citizen Board @ Rs.5000						-	5000
3	Provision for survey investigation and quality control @ Rs.3738						-	3738
Additional Components Amount (F) : 12558								

Grand Total Amount (A + F) : 381999.3432636

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