

Detailed Estimate

OD/365/3503/120301/387706/00075104 : Const. of CC road from Dhruba Munda House to Labo Mohakud House at Kumulbadi Kusumghaty

Block : Rairangpur, Gram Panchayat : Sudarsanpur

Created By: PRASHANTA KUMAR DAS

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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	200.000	1.330	0.580	0.028	8.732	-
ii	Base	1.000	200.000	12.500	0.500	0.028	35.375	-
Total Quantity					44.107248 cum (cum)		44.107248 Cum (Cubic Meter)	
Amount					44.107248 X 240.77592		10619.96	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	200.000	1.330	0.330	0.028	4.968	-
ii	Base	1.000	200.000	10.330	0.330	0.028	19.294	-
Total Quantity					24.262722 cum (cum)		24.262722 Cum (Cubic Meter)	
Amount					24.262722 X 1022.416132		24806.60	
3. 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	200.000	0.000	0.580	0.093	43.106	-
ii	Sides	2.000	200.000	0.000	0.660	0.093	24.526	-
Total Quantity					67.6312 Sqm (Sqm)		67.6312 Sqm (Square Meter)	
Amount					67.6312 X 216.23489289764		14624.23	
4. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	200.000	0.830	0.580	0.028	5.449	-
ii	Road Base	1.000	200.000	12.000	0.330	0.028	22.414	-
Total Quantity					27.863048 cum (cum)		27.863048 Cum (Cubic Meter)	
Amount					27.863048 X 5812.2389503		161946.69	
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 base	1.000	200.000	12.000	0.330	0.028	22.414	-
Total Quantity					22.4136 cum (cum)		22.4136 Cum (Cubic Meter)	
Amount					22.4136 X 7512.1619511		168374.59	
Total Amount							380372.07	
Addition								

Provision for Contingency (+) @	0.00
Display Citizen Board (+) @	3500.00
Any Other Lumpsum (+) @	1734.92
Provision for survey investigation and quality control (+) @	0.00
Total Addition	5234.92
Grand Net Total Amount	385606.99

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