

Detailed Estimate

OD/361/3452/119466/385951/00016038 : CONSTRUCTION OF C.C ROAD FROM DINABANHU MUNDA HOUSE TO RABI MAHANTA HOUSE

Block : Kendujhar Sadar, Gram Panchayat : Palaspanga

Created By:Ranjan Kumar Swain

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	108.000	0.830	0.500	0.000	89.640	-
Total Quantity						89.64 Cft (Cubic Foot)	2.538317952 Cum (Cubic Meter)	
Amount						2.538317952 X 240.77592	611.17	
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	cut off	2.000	108.000	0.830	0.250	0.000	44.820	-
ii	road base	1.000	108.000	10.330	0.250	0.000	278.910	-
Total Quantity						323.73 Cft (Cubic Foot)	9.166997664 Cum (Cubic Meter)	
Amount						9.166997664 X 1071.673832	9824.03	
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	108.000	0.830	0.660	0.000	118.325	-
ii	road base	1.000	108.000	10.330	0.330	0.000	368.161	-
Total Quantity					486.486 Cft (Cubic Foot)		13.7757267648 Cum (Cubic Meter)	
Amount					13.7757267648 X 6130.97055476		84458.58	
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	108.000	12.000	0.330	0.000	427.680	-
Total Quantity					427.68 Cft (Cubic Foot)		12.110529024 Cum (Cubic Meter)	
Amount					12.110529024 X 7608.51403412		92143.13	
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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	4.000	108.000	0.000	0.500	0.000	216.000	-
ii	road base	2.000	108.000	0.000	0.330	0.000	71.280	-
Total Quantity					287.28 Sft (Square Foot)		26.68917384 Sqm (Square Meter)	
Amount					26.68917384 X 216.23489289764		5771.13	
Total Amount							192808.03	
Addition								

Provision for Contingency (+) @	2000.00
Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	2190.97
Provision for survey investigation and quality control (+) @	
Total Addition	7190.97
Grand Net Total Amount	199999.00

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