

Detailed Estimate

**OD/361/3452/119469/385959/00063979 : CONSTRUCTION OF CC ROAD FROM THE HOUSE OF DINABANDHU
MAHANTA TO THE HOUSE OF RAIBU MAHANTA VILLAGE - BANEIKALA**
Block : Kendujhar Sadar, Gram Panchayat : Raikala
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	drain	1.000	570.000	2.500	1.660	0.000	2365.500	-
ii	cutoff	2.000	90.000	0.660	0.660	0.000	78.408	-
Total Quantity					2443.908 Cft (Cubic Foot)		69.2036540544 Cum (Cubic Meter)	
Amount					69.2036540544 X 240.77592		16662.57	
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	drain	1.000	570.000	2.500	0.160	0.000	228.000	-
ii	cutoff	2.000	90.000	0.660	0.160	0.000	19.008	-
iii	Roadbase	1.000	90.000	12.660	0.160	0.000	182.304	-
iv		1.000	400.000	7.000	0.160	0.000	448.000	-
Total Quantity					877.312 Cft (Cubic Foot)		24.8426684416 Cum (Cubic Meter)	
Amount					24.8426684416 X 1238.929832		30778.32	

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	drain	1.000	570.000	2.500	0.330	0.000	470.250	-
ii	cutoff	2.000	90.000	0.660	0.660	0.000	78.408	-
iii	Roadbase	1.000	90.000	12.660	0.330	0.000	376.002	-
iv		1.000	260.000	7.000	0.330	0.000	600.600	-
Total Quantity					1525.26 Cft (Cubic Foot)		43.190482368 Cum (Cubic Meter)	
Amount					43.190482368 X 6370.70753624		275153.93	

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 specification and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	drain wall	2.000	570.000	0.500	1.660	0.000	946.200	-
ii	Road	1.000	90.000	14.000	0.330	0.000	415.800	-
iii	Road	1.000	268.000	15.000	0.330	0.000	1326.600	-
Total Quantity					2688.6 Cft (Cubic Foot)		76.13254848 Cum (Cubic Meter)	
Amount					76.13254848 X 7809.96749888		594592.73	

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	drain	2.000	570.000	0.000	1.660	0.000	1892.400	-
ii	cutoff	4.000	90.000	0.000	0.660	0.000	237.600	-
iii	Road	2.000	90.000	0.000	0.330	0.000	59.400	-
iv	Road	2.000	268.000	0.000	0.330	0.000	176.880	-
Total Quantity					2366.28 Sft (Square Foot)		219.83451084 Sqm (Square Meter)	
Amount					219.83451084 X 216.23489289764		47535.89	
Total Amount							964723.45	
Addition								
Provision for Contingency (+) @							9800.00	
Display Citizen Board (+) @							2500.00	
Any Other Lumpsum (+) @							2976.55	
Provision for survey investigation and quality control (+) @								
Total Addition							15276.55	
Grand Net Total Amount							980000.00	

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