

Detailed Estimate

OD/354/3371/117711/411351/00104905 : Const. of Road from RD Road to Bauri Sahi Dhaugam
Block : Dharakote, Gram Panchayat : Dhaugam
Created By: Prem Ranjan Mohapatra

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 wall	2.000	80.000	0.230	0.230	0.000	8.464	-
Total Quantity					8.464 cum (cum)		8.464 Cum (Cubic Meter)	
Amount					8.464 X 240.77592		2037.93	
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 wall	2.000	80.000	0.230	0.050	0.000	1.840	-
ii	road	1.000	80.000	3.050	0.100	0.000	24.400	-
Total Quantity					26.24 cum (cum)		26.24 Cum (Cubic Meter)	
Amount					26.24 X 748.736432		19646.84	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff wall	2.000	80.000	0.230	0.400	0.000	14.720	-
ii	Road	1.000	80.000	3.050	0.100	0.000	24.400	-
Total Quantity					39.12 cum (cum)		39.12 Cum (Cubic Meter)	

Amount	39.12 X 5395.5948007	211075.67
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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	80.000	3.510	0.100	0.000	28.080	-
Total Quantity					28.08 cum (cum)		28.08 Cum (Cubic Meter)	
Amount					28.08 X 6910.8704499		194057.24	

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	Road	4.000	80.000	0.000	0.100	0.000	32.000	-
Total Quantity					32 Sqm (Sqm)		32 Sqm (Square Meter)	
Amount					32 X 216.39264180804		6924.56	

Total Amount (A) : 433742.25

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	4337.4224673699
2	Display Citizen Board @ Rs.3444	-	3444

Additional Components Amount (F) : 7781.4224673699

Grand Total Amount (A + F) : 441523.66920436

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