

Detailed Estimate

**OD/361/3446/275388/386881/00067536 : CONST OF CEMENT CONCRETE ROAD AT RANGAMATIA SAHI
BIRAGOBINDAPUR**

Block : Ghasipura, Gram Panchayat : Biragobindapur

Created By:ESasmita Patro

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	89.500	0.250	0.250	1.000	11.188	-
Total Quantity					11.1875 cum (cum)		11.1875 Cum (Cubic Meter)	
Amount					11.1875 X 240.77592		2693.68	
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	89.500	0.250	0.050	1.000	2.238	-
ii	rOAD BASE	1.000	89.500	3.150	0.100	1.000	28.193	-
Total Quantity					30.43 cum (cum)		30.43 Cum (Cubic Meter)	
Amount					30.43 X 978.652832		29780.41	
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	ROAD	1.000	89.500	3.650	0.100	1.000	32.668	-

ii	CUTOFF	2.000	89.500	0.250	0.250	1.000	11.188	-
Total Quantity					43.855 cum (cum)		43.855 Cum (Cubic Meter)	
Amount					43.855 X 5813.67911132		254958.90	
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 specifaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	89.500	3.650	0.075	1.000	24.501	-
Total Quantity					24.500625 cum (cum)		24.500625 Cum (Cubic Meter)	
Amount					24.500625 X 7283.51448884		178450.66	
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	CUTOFF	2.000	89.500	0.250	0.000	1.000	44.750	-
ii	ROAD	2.000	89.500	0.175	0.000	1.000	31.325	-
Total Quantity					76.075 Sqm (Sqm)		76.075 Sqm (Square Meter)	
Amount					76.075 X 216.70813962884		16486.07	
Total Amount							482369.71	
Addition								
Provision for Contingency (+) @							4823.70	
Display Citizen Board (+) @							5000.00	

Any Other Lumpsum (+) @	2390.00
Provision for survey investigation and quality control (+) @	
Total Addition	12213.70
Grand Net Total Amount	494583.41

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