

Detailed Estimate

**OD/373/3585/121724/384399/00076135 : Construction of Cement Concrete Road at Purnapani Binjhiatoli from
Binapani School to Halinder Majhi House
Block : Nuagaon, Gram Panchayat : Purunapani
Created By: Niraj Ranjan**

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	Cutt Off	2.000	73.400	0.250	0.250	0.000	9.175	-
Total Quantity					9.175 cum (cum)		9.175 Cum (Cubic Meter)	
Amount					9.175 X 240.77592		2209.12	
2. 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	CC Road	1.000	73.400	3.650	0.100	0.000	26.791	-
ii	Cutt Off	2.000	73.400	0.250	0.150	0.000	5.505	-
Total Quantity					32.296 cum (cum)		32.296 Cum (Cubic Meter)	
Amount					32.296 X 5520.27579802		178282.83	
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	CC road	2.000	73.400	0.200	0.000	0.000	29.360	-
Total Quantity					29.36 Sqm (Sqm)		29.36 Sqm (Square Meter)	
Amount					29.36 X 216.23489289764		6348.66	
4. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	73.400	3.650	0.000	0.000	267.910	-
Total Quantity					267.91 Sqm (Sqm)		267.91 Sqm (Square Meter)	
Amount					267.91 X 4.6662		1250.12	
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 specifaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC Road	1.000	73.400	3.650	0.100	0.000	26.791	-
Total Quantity					26.791 cum (cum)		26.791 Cum (Cubic Meter)	
Amount					26.791 X 6989.11028574		187245.25	
6. Earth Work (AR0115a) : Filling foundation and plinth with crusher dust well watered and rammed								
Filling foundation and plinth with crusher dust 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	CC Road	1.000	73.400	3.650	0.100	0.000	26.791	-
Total Quantity					26.791 cum (cum)		26.791 Cum (Cubic Meter)	
Amount					26.791 X 623.001532		16690.83	

Total Amount	392026.81
Addition	
Provision for Contingency (+) @	2000.00
Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	973.10
Provision for survey investigation and quality control (+) @	
Total Addition	7973.10
Grand Net Total Amount	399999.91

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JE
Nuagaon Block

Mahadeb Murmu
AEE
Nuagaon Block

BDO Nuagaon
BDO
Nuagaon Block