

Detailed Estimate

**OD/373/3574/121539/384135/00068864 : Construction of Cement Concrete Road from Excise Office to Giripada
Chowk at Bargaon**

Block : Bargaon, Gram Panchayat : Bhoipali

Created By: SUSHANTA KUMAR SETHI

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	Bed cutting	1.000	80.100	3.650	0.205	0.000	59.935	-
Total Quantity					59.934825 cum (cum)		59.934825 Cum (Cubic Meter)	
Amount					59.934825 X 240.77592		14430.86	
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	sand filling	1.000	80.100	3.650	0.100	0.000	29.237	-
Total Quantity					29.2365 cum (cum)		29.2365 Cum (Cubic Meter)	
Amount					29.2365 X 790.631232		23115.29	
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	Metal concrete	1.000	80.100	3.650	0.100	0.000	29.237	-

Total Quantity		29.2365 cum (cum)		29.2365 Cum (Cubic Meter)				
Amount		29.2365 X 5673.64586352		165877.55				
4. 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	both sides of road	2.000	80.100	0.000	0.187	0.000	29.957	-
Total Quantity		29.9574 Sqm (Sqm)		29.9574 Sqm (Square Meter)				
Amount		29.9574 X 216.23489289764		6477.84				
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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Chips concrete	1.000	80.100	3.650	0.087	0.000	25.436	-
Total Quantity		25.435755 cum (cum)		25.435755 Cum (Cubic Meter)				
Amount		25.435755 X 7126.39115224		181265.14				
Total Amount		391166.67						
Addition								
Provision for Contingency (+) @		4000.00						
Display Citizen Board (+) @		4833.32						
Any Other Lumpsum (+) @								

Provision for survey investigation and quality control (+) @	
Total Addition	8833.32
Grand Net Total Amount	399999.99

SUSHANTA KUMAR SETHI
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Bargaon Block

SUNIL MURMU
AEE
Bargaon Block

BDO Bargaon
BDO
Bargaon Block