

Detailed Estimate

**OD/373/3574/121549/384107/00068869 : Construction of Cement Concrete Road from Hari House to Jyotish House
Jangli**

Block : Bargaon, Gram Panchayat : Tudalaga

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	75.000	5.150	0.206	0.000	79.374	-
Total Quantity					79.374375 cum (cum)		79.374375 Cum (Cubic Meter)	
Amount					79.374375 X 240.77592		19111.44	
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	75.000	5.150	0.100	0.000	38.625	-
Total Quantity					38.625 Cft (Cubic Foot)		1.0937364 Cum (Cubic Meter)	
Amount					1.0937364 X 843.232032		922.27	
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	75.000	5.150	0.100	0.000	38.625	-

Total Quantity		38.625 cum (cum)		38.625 Cum (Cubic Meter)				
Amount		38.625 X 5749.39101552		222070.23				
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	75.000	0.000	0.187	0.000	28.050	-
Total Quantity		28.05 Sqm (Sqm)		28.05 Sqm (Square Meter)				
Amount		28.05 X 216.23489289764		6065.39				
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	75.000	5.150	0.087	0.000	33.604	-
Total Quantity		33.60375 cum (cum)		33.60375 Cum (Cubic Meter)				
Amount		33.60375 X 7197.40223224		241859.71				
Total Amount		490029.03						
Addition								
Provision for Contingency (+) @		5000.00						
Display Citizen Board (+) @		4970.96						
Any Other Lumpsum (+) @								

Provision for survey investigation and quality control (+) @	
Total Addition	9970.96
Grand Net Total Amount	499999.99

SUSHANTA KUMAR SETHI
JE
Bargaon Block

SUNIL MURMU
AEE
Bargaon Block

BDO Bargaon
BDO
Bargaon Block