

Detailed Estimate

OD/365/3507/120356/387963/00064910 : Const. of CC road from Bangan PMGSY road to Gomia Singh house to Bangan Dhipasahi

Block : Saraskana, Gram Panchayat : Sirsa

Created By: Binay Kumar Tiriya

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	35.000	0.250	0.250	0.000	4.375	-
Total Quantity					4.375 cum (cum)		4.375 Cum (Cubic Meter)	
Amount					4.375 X 240.77592		1053.39	
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	35.000	0.250	0.050	0.000	0.875	-
ii	Road	1.000	35.000	3.100	0.050	0.000	5.425	-
Total Quantity					6.3 cum (cum)		6.3 Cum (Cubic Meter)	
Amount					6.3 X 1090.793132		6872.00	
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	Road	2.000	35.000	0.000	0.200	0.000	14.000	-

Total Quantity		14 Sqm (Sqm)	14 Sqm (Square Meter)						
Amount		14 X 216.23489289764	3027.29						
4. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal									
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	Cutoff	2.000	35.000	0.250	0.250	0.000	4.375	-	
ii	Road	1.000	35.000	3.600	0.100	0.000	12.600	-	
Total Quantity		16.975 cum (cum)		16.975 Cum (Cubic Meter)					
Amount		16.975 X 6032.8288588		102407.27					
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	Road	1.000	35.000	3.600	0.085	0.000	10.710	-	
Total Quantity		10.71 cum (cum)		10.71 Cum (Cubic Meter)					
Amount		10.71 X 7758.6301806		83094.93					
Total Amount		196454.88							
Addition									
Provision for Contingency (+) @		1964.55							
Display Citizen Board (+) @		3000.00							
Any Other Lumpsum (+) @		499.00							
Provision for survey investigation and quality control (+) @									
Total Addition		5463.55							

Grand Net Total Amount	201918.43
-------------------------------	------------------

Binay Kumar Tiriya
JE
Saraskana Block

Gagan Bihari Mohanty
AEE
Saraskana Block

Suman Raja Mohanty
BDO
Saraskana Block