

Detailed Estimate

OD/365/3500/120253/389365/00077429 : Const. of CC road from PMGSY road to Dasha Sahi

Block : Kuliana, Gram Panchayat : Kuchej

Created By:SRIMANTA 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off wall	2.000	54.000	0.250	0.200	0.000	5.400	-
ii	End cut off wall	2.000	3.300	0.250	0.200	0.000	0.330	-
Total Quantity					5.73 cum (cum)		5.73 Cum (Cubic Meter)	
Amount					5.73 X 240.77592		1379.65	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off wall	2.000	54.000	0.250	0.075	0.000	2.025	-
ii	End cutoff wall	2.000	3.300	0.250	0.075	0.000	0.124	-
iii	Road bed	1.000	54.000	3.300	0.100	0.000	17.820	-
Total Quantity					19.96875 cum (cum)		19.96875 Cum (Cubic Meter)	
Amount					19.96875 X 1089.884132		21763.62	
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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff wall	2.000	54.000	0.250	0.225	0.000	6.075	-
ii	End cutoff wall	2.000	3.300	0.250	0.225	0.000	0.371	-
iii	Road bed concrete	1.000	54.000	3.300	0.100	0.000	17.820	-
Total Quantity					24.26625 cum (cum)		24.26625 Cum (Cubic Meter)	
Amount					24.26625 X 6283.5092428		152477.21	

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 specification and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road wearing concrete	1.000	54.000	3.300	0.075	0.000	13.365	-
Total Quantity					13.365 cum (cum)		13.365 Cum (Cubic Meter)	
Amount					13.365 X 7804.6710306		104309.43	

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff wall	4.000	54.000	0.000	0.150	0.000	32.400	-
ii	Road side	2.000	54.000	0.000	0.175	0.000	18.900	-
Total Quantity					51.3 Sqm (Sqm)		51.3 Sqm (Square Meter)	

Amount	51.3 X 216.23489289764	11092.85
Total Amount		291022.75
Addition		
Provision for Contingency (+) @		3000.00
Display Citizen Board (+) @		4000.00
Any Other Lumpsum (+) @		1977.00
Provision for survey investigation and quality control (+) @		
Total Addition		8977.00
Grand Net Total Amount		299999.75

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