

Detailed Estimate

OD/346/3308/275553/394217/00072277 : Repair and construction of CC road from Dushasan Jena house to Nandi Gadia

Block : Simulia, Gram Panchayat : Bangalpur

Created By: AJAYA MAJHI

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	Cutoff wall	2.000	76.000	0.660	0.500	0.000	50.160	-
Total Quantity					50.16 Cft (Cubic Foot)		1.420370688 Cum (Cubic Meter)	
Amount					1.420370688 X 240.77592		341.99	
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	Cutoff wall	2.000	76.000	0.660	0.160	0.000	16.051	-
ii	Road Surface	1.000	76.000	8.670	0.330	0.000	217.444	-
Total Quantity					233.4948 Cft (Cubic Foot)		6.61182555264 Cum (Cubic Meter)	
Amount					6.61182555264 X 1493.995232		9878.04	
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	76.000	0.660	1.000	0.000	100.320	-
ii	Road Surface	1.000	76.000	8.670	0.330	0.000	217.444	-
Total Quantity					317.7636 Cft (Cubic Foot)		8.99804830848 Cum (Cubic Meter)	
Amount					8.99804830848 X 6284.3299587		56546.70	
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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Surface	1.000	76.000	10.000	0.330	0.000	250.800	-
Total Quantity					250.8 Cft (Cubic Foot)		7.10185344 Cum (Cubic Meter)	
Amount					7.10185344 X 7707.5434009		54737.84	
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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff wall	2.000	76.000	0.000	0.660	2.000	200.640	-
ii	Road Surface	1.000	76.000	0.000	0.330	2.000	50.160	-
Total Quantity					250.8 Sft (Square Foot)		23.3000724 Sqm (Square Meter)	
Amount					23.3000724 X 216.23489289764		5038.29	
Total Amount							126542.86	
Addition								

Provision for Contingency (+) @	660.00
Display Citizen Board (+) @	1650.00
Any Other Lumpsum (+) @	1147.00
Provision for survey investigation and quality control (+) @	
Total Addition	3457.00
Grand Net Total Amount	129999.86

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