

Detailed Estimate

OD/365/3491/120109/390331/00073774 : Construction of CC Road from Rabisankar Sahu house to Paramananda House at Bamda

Block : Betnoti, Gram Panchayat : Ambagadia

Created By: JHILAN LENKA

1. 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	Road side	2.000	57.000	0.000	0.200	0.000	22.800	-
ii	cutoff	4.000	57.000	0.000	0.250	0.000	57.000	-
iii	end Cutoff	4.000	2.550	0.000	0.250	0.000	2.550	-
Total Quantity					82.35 Sqm (Sqm)		82.35 Sqm (Square Meter)	
Amount					82.35 X 216.23489289764		17806.94	
2. 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	4.000	57.000	0.250	0.250	0.000	14.250	-
ii	end cutoff	2.000	2.550	0.250	0.250	0.000	0.319	-
Total Quantity					14.56875 cum (cum)		14.56875 Cum (Cubic Meter)	
Amount					14.56875 X 240.77592		3507.80	
3. 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	57.000	0.250	0.050	0.000	1.425	-
ii	End cutoff	2.000	2.550	0.250	0.050	0.000	0.064	-
iii	Road surface	1.000	57.000	2.550	0.050	0.000	7.268	-
Total Quantity					8.75625 cum (cum)		8.75625 Cum (Cubic Meter)	
Amount					8.75625 X 1428.234132		12505.98	

4. 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	cutoff	2.000	57.000	0.250	0.250	0.000	7.125	-
ii	End cutoff	2.000	2.550	0.250	0.250	0.000	0.319	-
iii	Road surface	1.000	57.000	2.550	0.100	0.000	14.535	-
Total Quantity					21.97875 cum (cum)		21.97875 Cum (Cubic Meter)	
Amount					21.97875 X 6571.9833723		144443.98	

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 surface	1.000	57.000	3.050	0.080	0.000	13.908	-
Total Quantity					13.908 cum (cum)		13.908 Cum (Cubic Meter)	

Amount	13.908 X 8068.6119571	112218.26
Total Amount		290482.96
Addition		
Provision for Contingency (+) @		2904.83
Display Citizen Board (+) @		4600.00
Any Other Lumpsum (+) @		2012.00
Provision for survey investigation and quality control (+) @		
Total Addition		9516.83
Grand Net Total Amount		299999.79

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