

Detailed Estimate

OD/346/3308/275551/394245/00073404 : Construction of CC Road from sampei gram to hari nayak sahi
Block : Simulia, Gram Panchayat : Samasundarpur
Created By: Bhakta Ranjan Mohanty

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 Wall	2.000	39.500	0.225	0.150	0.000	2.666	-
Total Quantity					2.66625 cum (cum)		2.66625 Cum (Cubic Meter)	
Amount					2.66625 X 240.77592		641.97	
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 Wall	2.000	39.500	0.225	0.050	0.000	0.889	-
ii	Rd Base	1.000	39.500	2.600	0.090	0.000	9.243	-
Total Quantity					10.13175 cum (cum)		10.13175 Cum (Cubic Meter)	
Amount					10.13175 X 1493.995232		15136.79	
3. 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 Wall	2.000	39.500	0.225	0.280	0.000	4.977	-
ii	Rd Base	1.000	39.500	2.600	0.090	0.000	9.243	-

Total Quantity	14.22 cum (cum)	14.22 Cum (Cubic Meter)
Amount	14.22 X 6105.90361726	86825.95

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	Rd Top	1.000	39.500	3.050	0.090	0.000	10.843	-
Total Quantity							10.84275 cum (cum)	10.84275 Cum (Cubic Meter)
Amount							10.84275 X 7740.18727962	83924.92

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	39.500	0.000	0.180	2.000	28.440	-
ii	Rd Base	1.000	39.500	0.000	0.090	2.000	7.110	-
Total Quantity							35.55 Sqm (Sqm)	35.55 Sqm (Square Meter)
Amount							35.55 X 216.23489289764	7687.15

Total Amount (A) : 194216.77

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.2000	-	2000
2	Display Citizen Board @ Rs.1700	-	1700
3	Any Other Lumpsum @ Rs.2083	Vibrator hire ch. & Expansion Joint	2083

Additional Components Amount (F) : 5783

Grand Total Amount (A + F) : 199999.77049456

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