

Detailed Estimate

OD/361/3452/119471/386009/00066941 : Const of CC Road from RD Road to Ranjeisuni Sala at Teranti
Block : Kendujhar Sadar, Gram Panchayat : Sankiri
Created By:Ratikanta Lenka

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	2.000	240.000	0.830	0.500	0.000	199.200	-
Total Quantity					199.2 Cft (Cubic Foot)		5.64070656 Cum (Cubic Meter)	
Amount					5.64070656 X 240.77592		1358.15	
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	2.000	240.000	0.830	0.330	0.000	131.472	-
ii	Road	1.000	7.000	14.840	0.250	0.000	25.970	-
iii		1.000	50.000	12.420	0.250	0.000	155.250	-
iv		1.000	50.000	10.920	0.250	0.000	136.500	-
v		1.000	50.000	10.795	0.250	0.000	134.938	-
vi		1.000	50.000	10.795	0.250	0.000	134.938	-
vii		1.000	33.000	10.920	0.250	0.000	90.090	-
Total Quantity					809.157 Cft (Cubic Foot)		22.9127369376 Cum (Cubic Meter)	

Amount	22.9127369376 X 1053.089832	24129.17
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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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	2.000	240.000	0.830	0.750	0.000	298.800	-
ii	Road	1.000	7.000	14.840	0.330	0.000	34.280	-
iii		1.000	50.000	11.590	0.330	0.000	191.235	-
iv		1.000	50.000	10.920	0.330	0.000	180.180	-
v		1.000	50.000	10.795	0.330	0.000	178.117	-
vi		1.000	50.000	10.795	0.330	0.000	178.117	-
vii		1.000	33.000	10.920	0.330	0.000	118.919	-
Total Quantity					1179.6492 Cft (Cubic Foot)		33.40389046656 Cum (Cubic Meter)	
Amount					33.40389046656 X 6075.04023724		202929.98	

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	1.000	7.000	16.500	0.250	0.000	28.875	-
ii		1.000	50.000	13.250	0.200	0.000	132.500	-
iii		1.000	50.000	12.580	0.250	0.000	157.250	-
iv		1.000	50.000	12.455	0.200	0.000	124.550	-

v		1.000	50.000	12.455	0.250	0.000	155.688	-
vi		1.000	33.000	12.580	0.250	0.000	103.785	-
Total Quantity					702.6475 Cft (Cubic Foot)		19.896728728 Cum (Cubic Meter)	
Amount					19.896728728 X 7545.78654588		150136.47	
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	Cut off	4.000	240.000	0.000	0.570	0.000	547.200	-
ii	Road	2.000	240.000	0.000	0.250	0.000	120.000	-
Total Quantity					667.2 Sft (Square Foot)		61.9848816 Sqm (Square Meter)	
Amount					61.9848816 X 216.23489289764		13403.29	
Total Amount							391957.06	
Addition								
Provision for Contingency (+) @							4000.00	
Display Citizen Board (+) @							2823.00	
Any Other Lumpsum (+) @							1219.94	
Provision for survey investigation and quality control (+) @								
Total Addition							8042.94	
Grand Net Total Amount							400000.00	

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