

Detailed Estimate

OD/352/3350/117263/403192/00016732 : Construction of CC road with drain from Sabar Sahi to Mohanty Sahi
Block : Dhenkanal Sadar, Panchayat : Chaulia
Created By:RASMITA MANJARI PRADHAN

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	1.000	127.000	0.750	0.500	0.000	47.625	-
Total Quantity					47.625 Cft (Cubic Foot)		1.3485876 Cum (Cubic Meter)	
Amount					1.3485876 X 235.56432		317.68	
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	1.000	127.000	0.750	0.160	0.000	15.240	-
ii	ROAD	1.000	127.000	12.000	0.208	0.000	316.992	-
iii	ROAD	1.000	15.000	16.000	0.208	0.000	49.920	-
iv	ROAD	1.000	20.000	20.000	0.208	0.000	83.200	-
Total Quantity					465.352 Cft (Cubic Foot)		13.1772795136 Cum (Cubic Meter)	
Amount					13.1772795136 X 822.056372		10832.47	
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	CUT OFF	1.000	127.000	0.660	0.330	0.000	27.661	-

ii	ROAD	1.000	127.000	12.000	0.208	0.000	316.992	-
iii	ROAD	1.000	15.000	16.000	0.208	0.000	49.920	-
iv	ROAD	1.000	20.000	20.000	0.208	0.000	83.200	-
Total Quantity					477.7726 Cft (Cubic Foot)		13.52899115968 Cum (Cubic Meter)	
Amount					13.52899115968 X 5992.53651874		81072.97	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	127.000	12.750	0.208	0.000	336.804	-
ii	ROAD	1.000	15.000	16.000	0.208	0.000	49.920	-
iii	ROAD	1.000	20.000	20.000	0.208	0.000	83.200	-
Total Quantity					469.924 Cft (Cubic Foot)		13.3067439232 Cum (Cubic Meter)	
Amount					13.3067439232 X 7577.27688138		100828.88	

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	CUT OFF	2.000	127.000	1.000	0.330	0.000	83.820	-
ii	ROAD	1.000	20.000	1.000	0.200	0.000	4.000	-
iii	ROAD	1.000	15.000	1.000	0.200	0.000	3.000	-
Total Quantity					90.82 Sft (Square Foot)		8.43745046 Sqm (Square Meter)	
Amount					8.43745046 X 215.22489289764		1815.95	
Total Amount							194867.95	

Addition	
Provision for Contingency (+) @	1948.68
Display Citizen Board (+) @	1234.60
Any Other Lumpsum (+) @	1948.68
Total Addition	5131.96
Grand Net Total Amount	199999.91