

Detailed Estimate

OD/350/3342/117082/399754/00018424 : Improvement Of CC road from Samal Sahi Rajia Samal House To Dalima Samal House
Cc Road Near Mangala Temple, Barapada
Block : Nischinta Koili, Gram Panchayat : Buhalo
Created By: Lilina Nayak

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	Road cut off wall	2.000	10.668	0.252	0.152	0.000	0.819	-
ii	cut of wall	2.000	10.058	0.252	0.152	0.000	0.773	-
iii	cut of wall	2.000	6.096	0.252	0.152	0.000	0.468	-
Total Quantity					2.0601870912 cum (cum)		2.0601870912 Cum (Cubic Meter)	
Amount					2.0601870912 X 240.77592		496.04	
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	Road cut off wall	2.000	10.668	0.228	0.048	0.000	0.234	-
ii	cut off wall	2.000	10.058	0.228	0.048	0.000	0.220	-
iii	cut off wall	2.000	6.096	0.228	0.048	0.000	0.133	-
iv	Road	1.000	10.668	3.200	0.048	0.000	1.639	-
v	Road	1.000	10.058	3.200	0.048	0.000	1.545	-
vi	Road	1.000	6.096	3.200	0.048	0.000	0.936	-
Total Quantity					4.706939136 cum (cum)		4.706939136 Cum (Cubic Meter)	

Amount						4.706939136 X 1086.157232	5112.48	
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	Road cut off wall	2.000	10.668	0.228	0.152	0.000	0.739	-
ii	cut off wall	2.000	10.058	0.228	0.152	0.000	0.697	-
iii	cut off wall	2.000	6.096	0.228	0.152	0.000	0.423	-
iv	Road	1.000	10.668	3.657	0.100	0.000	3.901	-
v	Road	1.000	10.058	3.657	0.100	0.000	3.678	-
vi	Road	1.000	6.096	3.657	0.100	0.000	2.229	-
Total Quantity					11.667891864 cum (cum)		11.667891864 Cum (Cubic Meter)	
Amount						11.667891864 X 6214.82012856	72513.85	
4. 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	2.000	10.668	0.000	0.176	0.000	3.755	-
ii	Road	2.000	10.058	0.000	0.176	0.000	3.540	-
iii	Road	2.000	6.096	0.000	0.176	0.000	2.146	-
Total Quantity					9.441344 Sqm (Sqm)		9.441344 Sqm (Square Meter)	
Amount						9.441344 X 216.39264180804	2043.04	
5. Concrete (AR0307a) : Third floor								

Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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 specifaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	10.668	3.657	0.076	0.000	2.965	-
ii	Road	1.000	10.058	3.657	0.076	0.000	2.795	-
iii	Road	1.000	6.096	3.657	0.076	0.000	1.694	-
Total Quantity					7.454692104 cum (cum)		7.454692104 Cum (Cubic Meter)	
Amount					7.454692104 X 8784.36532612		65484.74	
Total Amount							145650.14	
Addition								
Provision for Contingency (+) @							1500.00	
Display Citizen Board (+) @							2849.50	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							4349.50	
Grand Net Total Amount							149999.64	