

Detailed Estimate

OD/361/3452/119469/385961/00068146 : CONST OF CC ROAD FROM RASIK MAHANTA HOUSE TO JAGDISH NAIK HOUSE

Block : Kendujhar Sadar, Gram Panchayat : Raikala

Created By:Ranjan Kumar Swain

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	2.000	125.000	0.500	0.500	0.000	62.500	-
Total Quantity					62.5 Cft (Cubic Foot)		1.7698 Cum (Cubic Meter)	
Amount					1.7698 X 240.77592		426.13	
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	2.000	125.000	0.500	0.160	0.000	20.000	-
ii	Road base	1.000	125.000	12.630	0.160	0.000	252.600	-
Total Quantity					272.6 Cft (Cubic Foot)		7.71915968 Cum (Cubic Meter)	
Amount					7.71915968 X 1238.929832		9563.50	
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	CUTOFF	2.000	125.000	0.500	0.500	0.000	62.500	-
ii	Road base	1.000	125.000	12.630	0.330	0.000	520.987	-
Total Quantity					583.4875 Cft (Cubic Foot)		16.52249884 Cum (Cubic Meter)	
Amount					16.52249884 X 6370.70753624		105260.01	

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	50.000	12.830	0.250	0.000	160.375	-
ii	Road	1.000	100.000	13.160	0.250	0.000	329.000	-
iii	Road	1.000	100.000	14.250	0.250	0.000	356.250	-
iv	Road	1.000	50.000	13.660	0.250	0.000	170.750	-
v	Road	1.000	54.000	14.250	0.250	0.000	192.375	-
Total Quantity					1208.75 Cft (Cubic Foot)		34.227932 Cum (Cubic Meter)	
Amount					34.227932 X 7809.96749888		267319.04	

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	4.000	125.000	0.000	0.500	0.000	250.000	-
ii	Road base	2.000	357.000	0.000	0.250	0.000	178.500	-

Total Quantity	428.5 Sft (Square Foot)	39.8089355 Sqm (Square Meter)
Amount	39.8089355 X 216.23489289764	8608.08
Total Amount		391176.75
Addition		
Provision for Contingency (+) @		4000.00
Display Citizen Board (+) @		3000.00
Any Other Lumpsum (+) @		1823.25
Provision for survey investigation and quality control (+) @		
Total Addition		8823.25
Grand Net Total Amount		400000.00

Ranjan Kumar Swain
JE
Kendujhar Sadar Block

Sabyasachi Pradhan
AEE
Kendujhar Sadar Block

Binod Chandra Panda
BDO
Kendujhar Sadar Block