

Detailed Estimate

OD/361/3452/119469/385959/00063981 : Construction of new RD Road from Ghasi Mahanta House to Existing RD Road at Baneikala village, Raikala GP
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	2.000	134.000	0.200	0.200	0.000	10.720	-
ii	G.wall	1.000	35.000	0.750	0.450	0.000	11.813	-
Total Quantity					22.5325 cum (cum)		22.5325 Cum (Cubic Meter)	
Amount					22.5325 X 240.77592		5425.28	
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	134.000	0.200	0.080	0.000	4.288	-
ii	G.wall	1.000	35.000	0.750	0.075	0.000	1.969	-
iii	Road	1.000	134.000	3.260	0.075	0.000	32.763	-
Total Quantity					39.01975 cum (cum)		39.01975 Cum (Cubic Meter)	
Amount					39.01975 X 1238.929832		48342.73	
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	cut off	2.000	134.000	0.200	0.200	0.000	10.720	-
ii	G.wall	1.000	35.000	0.750	0.150	0.000	3.938	-
iii	Road	1.000	134.000	3.660	0.100	0.000	49.044	-
iv		1.000	35.000	0.600	0.640	0.000	13.440	-
Total Quantity					77.1415 cum (cum)		77.1415 Cum (Cubic Meter)	
Amount					77.1415 X 6132.91313624		473102.12	

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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	134.000	3.660	0.100	0.000	49.044	-
Total Quantity					49.044 cum (cum)		49.044 Cum (Cubic Meter)	
Amount					49.044 X 7809.96749888		383032.05	

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	134.000	0.000	0.150	0.000	80.400	-
ii	G.wall	2.000	35.000	0.000	0.190	0.000	13.300	-
iii	Road	2.000	134.000	0.000	0.100	0.000	26.800	-

Total Quantity	120.5 Sqm (Sqm)	120.5 Sqm (Square Meter)
Amount	120.5 X 216.23489289764	26056.30
Total Amount		935958.49
Addition		
Provision for Contingency (+) @		9500.00
Display Citizen Board (+) @		2500.00
Any Other Lumpsum (+) @		2041.51
Provision for survey investigation and quality control (+) @		
Total Addition		14041.51
Grand Net Total Amount		950000.00

Ranjan Kumar Swain
JE
Kendujhar Sadar Block

Sabyasachi Pradhan
AEE
Kendujhar Sadar Block

Binod Chandra Panda
BDO
Kendujhar Sadar Block