

Detailed Estimate

**OD/360/3441/119206/395622/00113368 : Construction of CC road from Baranga main road to village road Baranga
Block : Rajkanika, Gram Panchayat : Baradia
Created By: Sujay Kumar Mandal**

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	70.500	0.200	0.200	0.000	5.640	-
Total Quantity						5.64 cum (cum)	5.64 Cum (Cubic Meter)	
Amount						5.64 X 240.77592	1357.98	
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	Cut off	2.000	70.500	0.200	0.100	0.000	2.820	-
ii	Road base	1.000	70.500	2.100	0.052	0.000	7.625	-
Total Quantity						10.444575 cum (cum)	10.444575 Cum (Cubic Meter)	
Amount						10.444575 X 901.872632	9419.68	
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	70.500	0.200	0.250	0.000	7.050	-
ii	Road base	1.000	70.500	2.100	0.100	0.000	14.805	-

Total Quantity	21.855 cum (cum)	21.855 Cum (Cubic Meter)
Amount	21.855 X 6261.21025676	136838.75

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	Cutoff	2.000	70.500	0.000	0.250	0.000	35.250	-
Total Quantity					35.25 Sqm (Sqm)		35.25 Sqm (Square Meter)	
Amount					35.25 X 216.39264180804		7627.84	

5. 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 base	1.000	70.500	2.500	0.100	0.000	17.625	-
Total Quantity					17.625 cum (cum)		17.625 Cum (Cubic Meter)	
Amount					17.625 X 7758.93262712		136751.19	

Total Amount (A) : 291995.43

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3000	-	3000
2	Display Citizen Board @ Rs.5004	-	5004

Additional Components Amount (F) : 8004

Grand Total Amount (A + F) : 299999.43087238

Sujay Kumar Mandal
JE
Rajkanika Block

SUDHANSU SEKHAR PATRA
AEE
Rajkanika Block

KAILASH CHANDRA MAHALIK
BDO
Rajkanika Block