

Detailed Estimate

OD/359/3426/275212/416886/00063738 : Construction of CC road from Bandangia chhaka to Gunjinata at Letingia GP
Block : K.Nuagan, Gram Panchayat : Letingia
Created By: Priyanka Patro

1. 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	wearing coat	1.000	45.000	3.000	0.085	0.000	11.475	-
Total Quantity					11.475 cum (cum)		11.475 Cum (Cubic Meter)	
Amount					11.475 X 7540.94878728		86532.39	
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	45.000	0.200	0.100	0.000	1.800	-
ii	sub base	1.000	45.000	2.600	0.100	0.000	11.700	-
Total Quantity					13.5 cum (cum)		13.5 Cum (Cubic Meter)	
Amount					13.5 X 579.298832		7820.53	
3. 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	cut off	2.000	45.000	0.200	0.200	0.000	3.600	-

Total Quantity		3.6 cum (cum)		3.6 Cum (Cubic Meter)				
Amount		3.6 X 240.77592		866.79				
4. 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	base	1.000	45.000	2.600	0.100	0.000	11.700	-
ii	cut off	2.000	45.000	0.200	0.300	0.000	5.400	-
Total Quantity		17.1 cum (cum)		17.1 Cum (Cubic Meter)				
Amount		17.1 X 5410.88768944		92526.18				
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	both sides	2.000	45.000	0.200	0.000	0.000	18.000	-
Total Quantity		18 Sqm (Sqm)		18 Sqm (Square Meter)				
Amount		18 X 216.23489289764		3892.23				
Total Amount		191638.12						
Addition								
Provision for Contingency (+) @		2000.00						
Display Citizen Board (+) @		3000.00						
Any Other Lumpsum (+) @		3361.00						
Provision for survey investigation and quality control (+) @								

Total Addition	8361.00
Grand Net Total Amount	199999.12

JE
K.Nuagan Block

Shovam Mohapatra
AEE
K.Nuagan Block

Subhrajali Pradhan
BDO
K.Nuagan Block