

Detailed Estimate

OD/346/3305/116232/393111/00068157 : Const. of C.C. Road from Begunia Bhuban Mahanna Chhak to Joda
Block : Nilgiri, Gram Panchayat : Begunia
Created By: MADHUSMITA MOHANTY

1. 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	Wall	2.000	60.000	0.750	0.330	0.000	29.700	-
ii		1.000	56.000	0.750	0.330	0.000	13.860	-
iii		2.000	80.000	0.750	0.330	0.000	39.600	-
iv	Road	1.000	60.000	10.660	0.330	0.000	211.068	-
v		1.000	56.000	10.620	0.330	0.000	196.258	-
vi		1.000	80.000	8.830	0.330	0.000	233.112	-
Total Quantity					723.5976 Cft (Cubic Foot)		20.48996851968 Cum (Cubic Meter)	
Amount					20.48996851968 X 921.527232		18882.06	
2. 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	Wall	2.000	60.000	2.000	0.330	0.000	79.200	-
ii	wall	1.000	56.000	2.000	0.330	0.000	36.960	-
iii	wall	2.000	80.000	2.000	0.330	0.000	105.600	-

iv	Road	1.000	140.000	2.000	0.330	0.000	92.400	-
v		1.000	56.000	1.000	0.330	0.000	18.480	-
Total Quantity					332.64 Sft (Square Foot)		30.90325392 Sqm (Square Meter)	
Amount					30.90325392 X 216.39264180804		6687.24	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	2.000	60.000	0.750	0.660	0.000	59.400	-
ii		1.000	56.000	0.750	0.660	0.000	27.720	-
iii		2.000	80.000	0.750	0.660	0.000	79.200	-
iv	Road	1.000	60.000	10.660	0.330	0.000	211.068	-
v		1.000	56.000	11.330	0.330	0.000	209.378	-
vi		1.000	80.000	8.830	0.330	0.000	233.112	-
Total Quantity					819.8784 Cft (Cubic Foot)		23.21633267712 Cum (Cubic Meter)	
Amount					23.21633267712 X 6098.7038262		141589.54	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	60.000	12.160	0.250	0.000	182.400	-
ii		1.000	56.000	11.330	0.250	0.000	158.620	-

iii		1.000	80.000	10.330	0.250	0.000	206.600	-
Total Quantity					547.62 Cft (Cubic Foot)		15.506846016 Cum (Cubic Meter)	
Amount					15.506846016 X 7742.0016214		120054.03	
5. 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	WALL	2.000	60.000	0.750	0.660	0.000	59.400	-
ii		1.000	56.000	0.750	0.660	0.000	27.720	-
iii		2.000	80.000	0.750	0.660	0.000	79.200	-
Total Quantity					166.32 Cft (Cubic Foot)		4.709650176 Cum (Cubic Meter)	
Amount					4.709650176 X 240.77592		1133.97	
Total Amount							288346.84	
Addition								
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							3653.16	
Provision for survey investigation and quality control (+) @								
Total Addition							11653.16	
Grand Net Total Amount							300000.00	

MADHUSMITA MOHANTY
JE
Nilgiri Block

Sarat kumar Upadhyay
AEE
Nilgiri Block

Bikram Kishore Parida
BDO
Nilgiri Block