

Detailed Estimate

OD/350/3342/117091/399826/00117433 : Const Of Cc Road From Purunapari Gada To Jgaulal Mandir Canal Bandha
Block : Nischinta Koili, Gram Panchayat : Kalamishiri
Created By: Rabindra Nath Singh

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	Cut Off	2.000	100.000	0.750	0.500	0.000	75.000	-
ii		2.000	100.000	0.750	0.500	0.000	75.000	-
iii		2.000	60.000	0.750	0.500	0.000	45.000	-
Total Quantity						195 Cft (Cubic Foot)	5.521776 Cum (Cubic Meter)	
Amount						5.521776 X 240.77592	1329.51	
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	100.000	0.750	0.330	0.000	49.500	-
ii		2.000	100.000	0.750	0.330	0.000	49.500	-
iii		2.000	60.000	0.750	0.330	0.000	29.700	-
iv	Road	1.000	100.000	8.500	0.160	0.000	136.000	-
v		1.000	100.000	8.500	0.160	0.000	136.000	-
vi		1.000	60.000	8.500	0.160	0.000	81.600	-
Total Quantity						482.3 Cft (Cubic Foot)	13.65719264 Cum (Cubic Meter)	
Amount						13.65719264 X 1086.157232	14833.86	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut Off	2.000	100.000	0.750	0.330	0.000	49.500	-
ii		2.000	100.000	0.750	0.330	0.000	49.500	-
iii		2.000	60.000	0.750	0.330	0.000	29.700	-
iv	Road	1.000	100.000	10.000	0.330	0.000	330.000	-
v		1.000	100.000	10.000	0.330	0.000	330.000	-
vi		1.000	60.000	10.000	0.330	0.000	198.000	-
Total Quantity					986.7 Cft (Cubic Foot)		27.94018656 Cum (Cubic Meter)	
Amount					27.94018656 X 6090.15944436		170160.19	

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 specification and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	100.000	10.000	0.210	0.000	210.000	-
ii		1.000	100.000	10.000	0.160	0.000	160.000	-
iii		1.000	60.000	10.000	0.160	0.000	96.000	-
Total Quantity					466 Cft (Cubic Foot)		13.1956288 Cum (Cubic Meter)	
Amount					13.1956288 X 7559.06192932		99746.58	

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		2.000	100.000	0.750	0.000	0.000	150.000	-
ii		2.000	100.000	0.750	0.000	0.000	150.000	-
iii		2.000	60.000	0.750	0.000	0.000	90.000	-
Total Quantity					390 Sft (Square Foot)		36.23217 Sqm (Square Meter)	
Amount					36.23217 X 216.39264180804		7840.37	

Total Amount (A) : 293910.51

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3000	-	3000
2	Display Citizen Board @ Rs.2589.47	-	2589.47
3	Any Other Lumpsum @ Rs.500	Vibrator	500
Additional Components Amount (F) :			6089.47

Grand Total Amount (A + F) : 299999.98058701

Rabindra Nath Singh
JE
Nischinta Koili Block

Manas Kumar Kar
AEE
Nischinta Koili Block

Dibyendu Kumar Das
BDO
Nischinta Koili Block