

Detailed Estimate

OD/365/3491/120124/390332/00074348 : Construction of cc road from Durga sahi Community hall to Bapa Mohanta house at Durga sahi
Block : Betnoti, Gram Panchayat : Purunia
Created By:RABINDRA KUMAR SAHU

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	Road cleaning	1.000	72.000	3.030	0.020	0.000	4.363	-
ii	Cut Off	2.000	72.000	0.250	0.250	0.000	9.000	-
iii	End Cut off	2.000	2.500	0.250	0.250	0.000	0.313	-
Total Quantity					13.6757 cum (cum)		13.6757 Cum (Cubic Meter)	
Amount					13.6757 X 240.77592		3292.78	

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	72.000	0.250	0.020	0.000	0.720	-
ii	End Cut Off	2.000	2.500	0.250	0.020	0.000	0.025	-
iii	Road filling	1.000	72.000	2.500	0.030	0.000	5.400	-
Total Quantity					6.145 cum (cum)		6.145 Cum (Cubic Meter)	
Amount					6.145 X 1463.584132		8993.72	

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	72.000	0.250	0.250	0.000	9.000	-
ii	End Cut Off	2.000	2.500	0.250	0.250	0.000	0.313	-
iii	Road	1.000	72.000	3.030	0.100	0.000	21.816	-
Total Quantity					31.1285 cum (cum)		31.1285 Cum (Cubic Meter)	
Amount					31.1285 X 6728.7495628		209455.88	

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 specificaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC road	1.000	72.000	3.030	0.080	0.000	17.453	-
Total Quantity					17.4528 cum (cum)		17.4528 Cum (Cubic Meter)	
Amount					17.4528 X 8222.0838306		143498.38	

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut Off	4.000	72.000	0.000	0.250	0.000	72.000	-
ii	End Cut Off	4.000	2.500	0.000	0.250	0.000	2.500	-
iii	CC 1 3 6	2.000	72.000	0.000	0.100	0.000	14.400	-
iv	CC 1 2 4	2.000	72.000	0.000	0.100	0.000	14.400	-

Total Quantity	103.3 Sqm (Sqm)	103.3 Sqm (Square Meter)
Amount	103.3 X 216.23489289764	22337.06
Total Amount		387577.83
Addition		
Provision for Contingency (+) @		3875.78
Display Citizen Board (+) @		5000.00
Any Other Lumpsum (+) @		3546.20
Provision for survey investigation and quality control (+) @		
Total Addition		12421.98
Grand Net Total Amount		399999.81

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JE
Betnoti Block

SOUMYASHREE BHOI
AEE
Betnoti Block

SUSANTA KUMAR SUTAR
BDO
Betnoti Block