

Detailed Estimate

OD/350/3342/117098/400004/00018429 : Construction Of Cc Road From Sahoo Sahi To Biasnab Sahi Road
Block : Nischinta Koili, Gram Panchayat : Mahammadpur
Created By:Binay Ranjan Sahoo

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	Cut Off	2.000	100.000	0.830	0.830	0.000	137.780	-
ii		2.000	100.000	0.830	0.830	0.000	137.780	-
iii		2.000	100.000	0.830	0.830	0.000	137.780	-
Total Quantity					413.34 Cft (Cubic Foot)		11.704466112 Cum (Cubic Meter)	
Amount					11.704466112 X 240.77592		2818.15	
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	100.000	0.830	0.330	0.000	54.780	-
ii		2.000	100.000	0.830	0.330	0.000	54.780	-
iii		2.000	100.000	0.830	0.330	0.000	54.780	-
iv	Road	1.000	50.000	8.500	0.330	0.000	140.250	-
v		1.000	50.000	8.330	0.330	0.000	137.445	-
vi		1.000	50.000	8.330	0.330	0.000	137.445	-

vii		1.000	50.000	8.250	0.330	0.000	136.125	-
viii		1.000	50.000	8.330	0.330	0.000	137.445	-
ix		1.000	50.000	8.500	0.330	0.000	140.250	-
x		1.000	50.000	8.500	0.330	0.000	140.250	-
Total Quantity					1133.55 Cft (Cubic Foot)		32.09850864 Cum (Cubic Meter)	
Amount					32.09850864 X 529.647232		17000.89	

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	0.830	0.410	0.000	68.060	-
ii		2.000	100.000	0.830	0.410	0.000	68.060	-
iii		2.000	100.000	0.830	0.410	0.000	68.060	-
iv	Road	1.000	50.000	10.500	0.290	0.000	152.250	-
v		1.000	50.000	10.330	0.290	0.000	149.785	-
vi		1.000	50.000	10.330	0.290	0.000	149.785	-
vii		1.000	50.000	10.250	0.290	0.000	148.625	-
viii		1.000	50.000	10.500	0.290	0.000	152.250	-
ix		1.000	50.000	10.500	0.290	0.000	152.250	-
x		1.000	45.000	10.500	0.290	0.000	137.025	-
Total Quantity					1246.15 Cft (Cubic Foot)		35.28698032 Cum (Cubic Meter)	
Amount					35.28698032 X 5823.03464436		205477.31	

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	Road	1.000	50.000	10.500	0.210	0.000	110.250	-
ii		1.000	50.000	10.330	0.210	0.000	108.465	-
iii		1.000	50.000	10.330	0.210	0.000	108.465	-
iv		1.000	50.000	10.250	0.210	0.000	107.625	-
v		1.000	50.000	10.330	0.210	0.000	108.465	-
vi		1.000	50.000	10.500	0.210	0.000	110.250	-
vii		1.000	45.000	10.500	0.210	0.000	99.225	-
Total Quantity					752.745 Cft (Cubic Foot)		21.315329616 Cum (Cubic Meter)	
Amount					21.315329616 X 7308.63242932		155785.91	

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	Centering	2.000	300.000	1.000	0.000	0.000	600.000	-
ii		2.000	50.000	0.500	0.000	0.000	50.000	-
Total Quantity					650 Sft (Square Foot)		60.38695 Sqm (Square Meter)	
Amount					60.38695 X 216.23489289764		13057.77	
Total Amount							394140.02	

Addition	
Provision for Contingency (+) @	4000.00
Display Citizen Board (+) @	800.00
Any Other Lumpsum (+) @	1059.96
Provision for survey investigation and quality control (+) @	
Total Addition	5859.96
Grand Net Total Amount	399999.98

Binay Ranjan Sahoo
JE
Nischinta Koili Block

Manas Kumar Kar
AEE
Nischinta Koili Block

Dibyendu Kumar Das
BDO
Nischinta Koili Block