

Detailed Estimate

OD/355/3393/118208/397713/00065763 : CONST. OF CC ROAD FROM MANIJANGA ERASAMA ROAD TO SANTOSH SUTAR HOUSE, BODHEI.

Block : Tirtol, Gram Panchayat : Bodhei

Created By:LIPSA SAMAL

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	150.000	0.750	0.660	0.028	4.203	-
ii	Road surface	1.000	150.000	8.500	0.250	0.028	9.021	-
Total Quantity					13.223175 cum (cum)		13.223175 Cum (Cubic Meter)	
Amount					13.223175 X 240.77592		3183.82	
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	cutoff	2.000	150.000	0.750	0.330	0.028	2.101	-
ii	Road surface	1.000	145.000	8.500	0.330	0.028	11.510	-
iii		1.000	5.000	20.000	0.330	0.028	0.934	-
Total Quantity					14.5454925 cum (cum)		14.5454925 Cum (Cubic Meter)	
Amount					14.5454925 X 798.771832		11618.53	
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	cutoff	2.000	150.000	0.750	0.330	0.028	2.101	-
ii	Road surface	1.000	145.000	8.500	0.330	0.028	11.510	-
iii		1.000	5.000	20.000	0.330	0.028	0.934	-
Total Quantity					14.5454925 cum (cum)		14.5454925 Cum (Cubic Meter)	
Amount					14.5454925 X 5772.60089228		83965.32	

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	Wearing coat	1.000	90.000	10.000	0.200	0.028	5.094	-
ii		1.000	55.000	10.000	0.250	0.028	3.891	-
iii		1.000	5.000	20.000	0.200	0.028	0.566	-
Total Quantity					9.55125 cum (cum)		9.55125 Cum (Cubic Meter)	
Amount					9.55125 X 8222.32327736		78533.47	

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	cutoff	2.000	150.000	0.660	0.000	0.093	18.394	-

Total Quantity	18.3942 Sqm (Sqm)	18.3942 Sqm (Square Meter)
Amount	18.3942 X 216.23489289764	3977.47
Total Amount		181278.61
Addition		
Provision for Contingency (+) @		1860.00
Display Citizen Board (+) @		1000.00
Any Other Lumpsum (+) @		1600.00
Provision for survey investigation and quality control (+) @		
Total Addition		4460.00
Grand Net Total Amount		185738.61

LIPSA SAMAL
JE
Tirtol Block

SUCHISMITA BEHERA
AEE
Tirtol Block

Girija Sankar Mallick
BDO
Tirtol Block