

Detailed Estimate

OD/347/3315/116443/380574/00018607 : Imp. of Road with CC/ Grade-II Metalling near Hiramunda Shiba Mandir
Block : Bheden, Gram Panchayat : Luhakhandi
Created By:Niranjan Nayak

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 wall	2.000	62.000	0.250	0.150	1.000	4.650	-
Total Quantity					4.65 cum (cum)		4.65 Cum (Cubic Meter)	
Amount					4.65 X 240.77592		1119.61	
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 wall	2.000	62.000	0.250	0.050	1.000	1.550	-
ii	Road Bed	1.000	62.000	3.150	0.100	1.000	19.530	-
Total Quantity					21.08 cum (cum)		21.08 Cum (Cubic Meter)	
Amount					21.08 X 734.636832		15486.14	
3. Bridge Works (AR2001A) : Plain Cement Concrete PCC Grade M15 in Open Foundation using 40 mm down hard granite(Crusher Broken)								
Plain Cement Concrete PCC Grade M15 in Open Foundation using 40 mm down 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 Wall	2.000	62.000	0.250	0.150	1.000	4.650	-
ii	Road Bed	1.000	62.000	3.650	0.100	0.000	22.630	-
Total Quantity					27.28 cum (cum)		27.28 Cum (Cubic Meter)	

Amount						27.28 X 5120.6107456267	139690.26	
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	62.000	3.650	0.075	1.000	16.973	-
Total Quantity					16.9725 cum (cum)		16.9725 Cum (Cubic Meter)	
Amount						16.9725 X 7172.79327924	121740.23	
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	Road	2.000	62.000	0.000	0.180	0.000	22.320	-
Total Quantity					22.32 Sqm (Sqm)		22.32 Sqm (Square Meter)	
Amount						22.32 X 216.23489289764	4826.36	
6. Road Work (AR1307) : Supplying & spreading moorum and consolidation with HRR								
Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Berm	2.000	62.000	0.450	0.175	1.000	9.765	-
Total Quantity					9.765 cum (cum)		9.765 Cum (Cubic Meter)	
Amount						9.765 X 1195.1409286784	11670.55	
Total Amount							294533.16	
Addition								
Provision for Contingency (+) @							3000.00	

Display Citizen Board (+) @	2466.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	5466.00
Grand Net Total Amount	299999.16