

Detailed Estimate

OD/362/3465/119699/408149/00062999 : maintenance of road from mbina behera house to das behera tareni sahi
Block : Tangi, Gram Panchayat : Ratnapur
Created By: AJAY KUMAR MISHRA

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	Cutoff	2.000	29.000	0.150	0.125	0.000	1.088	-
Total Quantity					1.0875 cum (cum)		1.0875 Cum (Cubic Meter)	
Amount					1.0875 X 240.77592		261.84	
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	Cutoff	2.000	29.000	0.150	0.025	0.000	0.218	-
ii	Road Surface	1.000	29.000	3.400	0.025	0.000	2.465	-
Total Quantity					2.6825 cum (cum)		2.6825 Cum (Cubic Meter)	
Amount					2.6825 X 1260.937732		3382.47	
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	29.000	0.150	0.100	0.000	0.870	-

ii	Road Formation	1.000	29.000	3.700	0.100	0.000	10.730	-
Total Quantity					11.6 cum (cum)		11.6 Cum (Cubic Meter)	
Amount					11.6 X 5495.7343615		63750.52	
4. 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	Cutoff Side	2.000	29.000	0.000	0.250	0.000	14.500	-
Total Quantity					14.5 Sqm (Sqm)		14.5 Sqm (Square Meter)	
Amount					14.5 X 216.23489289764		3135.41	
5. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Fine Dressing	1.000	29.000	3.700	0.000	0.000	107.300	-
Total Quantity					107.3 Sqm (Sqm)		107.3 Sqm (Square Meter)	
Amount					107.3 X 4.6662		500.68	
6. 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 specifaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Surface	1.000	29.000	3.700	0.100	0.000	10.730	-
Total Quantity					10.73 cum (cum)		10.73 Cum (Cubic Meter)	

Amount	10.73 X 6956.0532645	74638.45
Total Amount		145669.37
Addition		
Provision for Contingency (+) @		1500.00
Display Citizen Board (+) @		2840.16
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
Total Addition		4340.16
Grand Net Total Amount		150009.53

AJAY KUMAR MISHRA
JE
Tangi Block

ASHOK KUMAR NANDA
AEE
Tangi Block

Rumana Jafri
BDO
Tangi Block