

Detailed Estimate

OD/356/3394/118242/401736/00022118 : Imp. of CC Road from Bapada Balaram Pradhan House to Balichaturi Road.
Block : Badchana, Gram Panchayat : Bandalo
Created By:Bandita Dash

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	Earth work cutoff	2.000	37.500	0.200	0.150	0.000	2.250	-
Total Quantity					2.25 cum (cum)		2.25 Cum (Cubic Meter)	
Amount					2.25 X 240.77592		541.75	
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	Sandfilling cutoff	2.000	37.500	0.200	0.075	0.000	1.125	-
ii	Sandfillinf Road	1.000	37.500	3.200	0.100	0.000	12.000	-
Total Quantity					13.125 cum (cum)		13.125 Cum (Cubic Meter)	
Amount					13.125 X 949.100232		12456.94	
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	Pcc (1:3:6) cutoff	2.000	37.500	0.200	0.075	0.000	1.125	-
ii	Road	1.000	37.500	3.600	0.100	0.000	13.500	-

Total Quantity		14.625 cum (cum)		14.625 Cum (Cubic Meter)				
Amount		14.625 X 5968.61089336		87290.93				
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 specifaicaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	37.500	3.660	0.075	0.000	10.294	-
Total Quantity		10.29375 cum (cum)		10.29375 Cum (Cubic Meter)				
Amount		10.29375 X 7530.76910232		77519.85				
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 cutoff	2.000	37.500	0.175	0.000	0.000	13.125	-
ii	centering wearing coat	2.000	37.500	0.075	0.000	0.000	5.625	-
Total Quantity		18.75 Sqm (Sqm)		18.75 Sqm (Square Meter)				
Amount		18.75 X 216.23489289764		4054.40				
Total Amount		181863.88						
Addition								
Provision for Contingency (+) @		909.32						
Display Citizen Board (+) @		2158.50						
Any Other Lumpsum (+) @		1600.00						
Provision for survey investigation and quality control (+) @								
Total Addition		4667.82						

Grand Net Total Amount	186531.70
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