

Detailed Estimate

OD/370/3557/121268/426319/00016748 : Construction of CC road at Debadala village

Block : Rayagada, Panchayat : Kunitipentha

Created By: AMBIKA PRASAD 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	C wall	2.000	34.500	0.250	0.250	1.000	4.313	-
Total Quantity					4.3125 cum (cum)		4.3125 Cum (Cubic Meter)	
Amount					4.3125 X 235.56432		1015.87	
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	C Wall	2.000	34.500	0.250	0.050	1.000	0.863	-
ii	Bed	1.000	34.500	3.000	0.050	1.000	5.175	-
Total Quantity					6.0375 cum (cum)		6.0375 Cum (Cubic Meter)	
Amount					6.0375 X 561.627872		3390.83	
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	C wall	2.000	34.500	0.250	0.200	1.000	3.450	-
ii	Bed	1.000	34.500	3.000	0.100	1.000	10.350	-
Total Quantity					13.8 cum (cum)		13.8 Cum (Cubic Meter)	

Amount						13.8 X 5151.89383182	71096.13	
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 specifaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	34.500	3.600	0.075	1.000	9.315	-
ii	EJoint	10.000	3.600	0.025	0.075	1.000	-	0.068
Total Quantity						9.2475 cum (cum)	9.2475 Cum (Cubic Meter)	
Amount						9.2475 X 6718.85030434	62132.57	
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	34.500	1.000	0.075	1.000	5.175	-
ii		2.000	3.600	1.000	0.075	1.000	0.540	-
Total Quantity						5.715 Sqm (Sqm)	5.715 Sqm (Square Meter)	
Amount						5.715 X 215.22489289764	1230.01	
Total Amount							138865.41	
Addition								
Provision for Contingency (+) @							1388.65	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							533.00	
Total Addition							4921.65	
Grand Net Total Amount							143787.07	