

Detailed Estimate

OD/370/3557/121264/426561/00016760 : Construction of CC road at Karubai
Block : Rayagada, Gram Panchayat : Karubai
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	41.000	0.300	0.300	1.000	7.380	-
Total Quantity					7.38 cum (cum)		7.38 Cum (Cubic Meter)	
Amount					7.38 X 235.56432		1738.46	
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	41.000	0.300	0.050	1.000	1.230	-
ii	Bed	1.000	41.000	3.000	0.050	1.000	6.150	-
Total Quantity					7.38 cum (cum)		7.38 Cum (Cubic Meter)	
Amount					7.38 X 794.604572		5864.18	
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	41.000	0.300	0.200	1.000	4.920	-
ii	Bed	1.000	41.000	3.000	0.100	1.000	12.300	-
Total Quantity					17.22 cum (cum)		17.22 Cum (Cubic Meter)	

Amount						17.22 X 5405.03593932	93074.72	
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	41.000	3.600	0.075	1.000	11.070	-
ii	E Joint	9.000	3.600	0.025	0.075	1.000	-	0.061
Total Quantity						11.00925 cum (cum)	11.00925 Cum (Cubic Meter)	
Amount						11.00925 X 6975.68173984	76797.02	
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	41.000	0.000	0.150	0.000	12.300	-
Total Quantity						12.3 Sqm (Sqm)	12.3 Sqm (Square Meter)	
Amount						12.3 X 215.69813962884	2653.09	
Total Amount							180127.48	
Addition								
Provision for Contingency (+) @							1801.27	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							1603.00	
Total Addition							6404.27	
Grand Net Total Amount							186531.75	