

Detailed Estimate

OD/344/3276/115572/405194/00016695 : Construction of CC road from Kandha Sahi to Baradiani Mandir

Block : Anugul, Gram Panchayat : Matiasahi

Created By:kumudini

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	2.000	106.500	0.830	0.660	0.028	3.302	-
Total Quantity					3.30208362 cum (cum)		3.30208362 Cum (Cubic Meter)	
Amount					3.30208362 X 240.77592		795.06	
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	2.000	106.500	0.830	0.330	0.028	1.651	-
ii	Surface	1.000	106.500	10.330	0.330	0.028	10.274	-
Total Quantity					11.925295965 cum (cum)		11.925295965 Cum (Cubic Meter)	
Amount					11.925295965 X 1120.295232		13359.85	
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	Cut off	2.000	106.500	0.830	0.660	0.028	3.302	-
ii	Road	1.000	106.500	12.000	0.330	0.028	11.935	-

Total Quantity		15.23732562 cum (cum)		15.23732562 Cum (Cubic Meter)				
Amount		15.23732562 X 6073.57507468		92545.04				
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 specifaicaon and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	106.500	12.000	0.250	0.028	9.042	-
Total Quantity		9.04185 cum (cum)		9.04185 Cum (Cubic Meter)				
Amount		9.04185 X 7546.98695916		68238.72				
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	Cut off	2.000	2.000	106.500	0.660	0.093	26.120	-
Total Quantity		26.119764 Sqm (Sqm)		26.119764 Sqm (Square Meter)				
Amount		26.119764 X 216.70813962884		5660.37				
Total Amount		180599.05						
Addition								
Provision for Contingency (+) @		1865.00						
Display Citizen Board (+) @		2551.00						
Any Other Lumpsum (+) @		1516.00						
Total Addition		5932.00						
Grand Net Total Amount		186531.05						