

Detailed Estimate

OD/361/3452/119460/386096/00014140 : Improvement of Road from Chhemudibil Dehuri Sahi to Main Chenal

Block : Kendujhar Sadar, Gram Panchayat : Maidankel

Created By:Kandarpa Palei

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 wall	2.000	292.000	0.830	0.660	0.000	319.915	-
Total Quantity					319.9152 Cft (Cubic Foot)		9.05897473536 Cum (Cubic Meter)	
Amount					9.05897473536 X 240.77592		2181.18	
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 wall	2.000	292.000	0.830	0.330	0.000	159.958	-
ii	Road	1.000	292.000	8.330	0.250	0.000	608.090	-
Total Quantity					768.0476 Cft (Cubic Foot)		21.74865027968 Cum (Cubic Meter)	
Amount					21.74865027968 X 1053.089832		22903.28	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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 wall	2.000	292.000	0.830	0.750	0.000	363.540	-
ii	Road	1.000	292.000	8.330	0.330	0.000	802.679	-

Total Quantity		1166.2188 Cft (Cubic Foot)		33.02358451584 Cum (Cubic Meter)				
Amount		33.02358451584 X 5892.00790796		194575.22				
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	292.000	10.000	0.250	0.000	730.000	-
Total Quantity		730 Cft (Cubic Foot)		20.671264 Cum (Cubic Meter)				
Amount		20.671264 X 7623.02737052		157577.61				
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	Cutoff wall	4.000	292.000	0.000	0.500	0.000	584.000	-
ii	Road	2.000	292.000	0.000	0.250	0.000	146.000	-
Total Quantity		730 Sft (Square Foot)		67.81919 Sqm (Square Meter)				
Amount		67.81919 X 216.23489289764		14664.88				
Total Amount		391902.17						
Addition								
Provision for Contingency (+) @		4000.00						
Display Citizen Board (+) @		3000.00						
Any Other Lumpsum (+) @		1097.82						
Total Addition		8097.82						
Grand Net Total Amount		399999.99						