

Detailed Estimate

OD/361/3452/119460/386089/00013825 : Improvement of road from Kirtan mandap to darsan sahi
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	249.000	0.830	0.500	0.000	206.670	-
Total Quantity					206.67 Cft (Cubic Foot)		5.852233056 Cum (Cubic Meter)	
Amount					5.852233056 X 240.77592		1409.08	
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	249.000	0.830	0.250	0.000	103.335	-
ii	Road base	1.000	249.000	10.330	0.250	0.000	643.042	-
Total Quantity					746.3775 Cft (Cubic Foot)		21.135022392 Cum (Cubic Meter)	
Amount					21.135022392 X 1053.089832		22257.08	
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	249.000	0.830	0.750	0.000	310.005	-
ii	Road base	1.000	249.000	10.330	0.330	0.000	848.816	-

Total Quantity				1158.8211 Cft (Cubic Foot)			32.81410532448 Cum (Cubic Meter)	
Amount				32.81410532448 X 5892.00790796			193340.97	
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 base	1.000	249.000	12.000	0.250	0.000	747.000	-
Total Quantity				747 Cft (Cubic Foot)			21.1526496 Cum (Cubic Meter)	
Amount				21.1526496 X 7623.02737052			161247.23	
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	249.000	0.000	0.500	0.000	498.000	-
ii	Road side	2.000	249.000	0.000	0.250	0.000	124.500	-
Total Quantity				622.5 Sft (Square Foot)			57.8321175 Sqm (Square Meter)	
Amount				57.8321175 X 216.39264180804			12514.44	
Total Amount							390768.79	
Addition								
Provision for Contingency (+) @							4000.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							2231.20	
Total Addition							9231.20	
Grand Net Total Amount							399999.99	