

Detailed Estimate

OD/358/3410/275646/423975/00017147 : IMPROVEMENT OF ROAD FROM KDALIMUNDA TO CG BORDER

Block : Dharamagarh, Gram Panchayat : Kadalimunda

Created By:Padmabati Senapati

1. Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil 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	Side Cutoff	2.000	54.000	0.200	0.200	1.000	4.320	-
ii	End Cut Off	2.000	3.650	0.200	0.200	1.000	0.292	-
Total Quantity					4.612 cum (cum)		4.612 Cum (Cubic Meter)	
Amount					4.612 X 200.6466		925.38	
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	Side Cut Off	2.000	54.000	0.200	0.050	1.000	1.080	-
ii	End Cut	2.000	3.650	0.200	0.050	1.000	0.073	-
iii	ROAD	1.000	54.000	3.250	0.100	1.000	17.550	-
Total Quantity					18.703 cum (cum)		18.703 Cum (Cubic Meter)	
Amount					18.703 X 636.808232		11910.22	
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	SIDE CUT OFF	2.000	54.000	0.200	0.150	1.000	3.240	-

ii	END CUT OFF	2.000	3.250	0.200	0.150	1.000	0.195	-
iii	ROAD	1.000	54.000	3.650	0.100	1.000	19.710	-
Total Quantity					23.145 cum (cum)		23.145 Cum (Cubic Meter)	
Amount					23.145 X 5297.95147106		122621.09	
4. R.C.C. Work (AR0403A) : Reinforced cement concrete work of M-15 grade with 20mm & down grade size black hard crusher broken granite chips								
Reinforced cement concrete work of M-15 grade with 20mm & down grade size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (excluding centring and shuttering)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	54.000	3.650	0.100	1.000	19.710	-
Total Quantity					19.71 cum (cum)		19.71 Cum (Cubic Meter)	
Amount					19.71 X 5302.3221592		104508.77	
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	54.000	0.200	1.000	1.000	21.600	-
Total Quantity					21.6 Sqm (Sqm)		21.6 Sqm (Square Meter)	
Amount					21.6 X 216.55039071844		4677.49	
Total Amount							244642.95	
Addition								
Provision for Contingency (+) @							2446.43	
Display Citizen Board (+) @							2446.43	
Any Other Lumpsum (+) @							464.00	
Total Addition							5356.86	

Grand Net Total Amount	249999.81
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