

Detailed Estimate

**OD/361/3452/119460/386088/00066876 : CONST. OF CC/ PAVER ROAD WITH GUARD WALL AT UPARASHI
MANGULU MAHANTA HOUSE TO DURYADHAN MAHANTA HOUSE**

Block : Kendujhar Sadar, Gram Panchayat : Maidankel

Created By:Kandarpa Palei

1. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road base	1.000	177.000	12.000	0.000	0.000	2124.000	-
Total Quantity					2124 Sft (Square Foot)		197.325972 Sqm (Square Meter)	
Amount					197.325972 X 4.6662		920.76	
2. 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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff wall	2.000	177.000	0.830	0.500	0.000	146.910	-
Total Quantity					146.91 Cft (Cubic Foot)		4.160021088 Cum (Cubic Meter)	
Amount					4.160021088 X 240.77592		1001.63	
3. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff wall	2.000	177.000	0.830	0.250	0.000	73.455	-

ii	Road base	1.000	177.000	10.340	0.250	0.000	457.545	-
Total Quantity					531 Cft (Cubic Foot)		15.0362208 Cum (Cubic Meter)	
Amount					15.0362208 X 1053.089832		15834.49	
4. 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	Cutoff wall	1.000	177.000	0.830	0.660	0.000	96.961	-
ii	Cutoff wall	1.000	177.000	0.830	1.000	0.000	146.910	-
iii	Road base	1.000	177.000	10.340	0.330	0.000	603.959	-
Total Quantity					847.83 Cft (Cubic Foot)		24.007832544 Cum (Cubic Meter)	
Amount					24.007832544 X 6075.04023724		145848.55	
5. 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 specificaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	177.000	12.000	0.330	0.000	700.920	-
Total Quantity					700.92 Cft (Cubic Foot)		19.847811456 Cum (Cubic Meter)	
Amount					19.847811456 X 7545.78654588		149767.35	
6. 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	2.000	177.000	0.000	0.500	0.000	177.000	-
ii	Cutoff wall	2.000	177.000	0.000	0.830	0.000	293.820	-
iii	Road	2.000	177.000	0.000	0.330	0.000	116.820	-
Total Quantity					587.64 Sft (Square Foot)		54.59351892 Sqm (Square Meter)	
Amount					54.59351892 X 216.23489289764		11805.02	
Total Amount							325177.81	
Addition								
Provision for Contingency (+) @							3358.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							2214.15	
Provision for survey investigation and quality control (+) @								
Total Addition							10572.15	
Grand Net Total Amount							335749.96	

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