

Detailed Estimate

**OD/361/3452/119464/385955/00015544 : CONSTRUCTION OF CC ROAD FROM AKHILA MAHANTA HOUSE TO BABULA
MAHANTA HOUSE NUAGAON GP NUAGAON
Block : Kendujhar Sadar, Panchayat : Nuagaon
Created By:Ranjan Kumar Swain**

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	77.850	0.830	0.500	0.000	64.616	-
Total Quantity					64.6155 Cft (Cubic Foot)		1.8297041904 Cum (Cubic Meter)	
Amount					1.8297041904 X 235.56432		431.01	
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	77.850	0.830	0.330	0.000	42.646	-
ii	Road base	1.000	77.850	10.330	0.250	0.000	201.048	-
Total Quantity					243.693855 Cft (Cubic Foot)		6.900630153264 Cum (Cubic Meter)	
Amount					6.900630153264 X 1051.841472		7258.37	
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	77.850	0.830	0.660	0.000	85.293	-

ii	Road base	1.000	77.850	10.330	0.330	0.000	265.383	-
Total Quantity					350.675325 Cft (Cubic Foot)		9.93000304296 Cum (Cubic Meter)	
Amount					9.93000304296 X 6102.31489334		60596.01	
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 and as per direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	77.850	12.000	0.330	0.000	308.286	-
Total Quantity					308.286 Cft (Cubic Foot)		8.7296730048 Cum (Cubic Meter)	
Amount					8.7296730048 X 7589.05198658		66249.94	
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 centering 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	4.000	77.850	0.000	0.500	0.000	155.700	-
ii	Road base	2.000	77.850	0.000	0.330	0.000	51.381	-
Total Quantity					207.081 Sft (Square Foot)		19.238446143 Sqm (Square Meter)	
Amount					19.238446143 X 215.22489289764		4140.59	
Total Amount							138675.92	
Addition								
Provision for Contingency (+) @							1438.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							674.07	
Total Addition							5112.07	

Grand Net Total Amount	143787.99
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