

Detailed Estimate

**OD/361/3452/119461/386168/00015565 : CONSTRUCTION OF CC ROAD FROM GHUTURU TALASAH MAIN ROAD TO
CHITRASEN MAHANTA HOUSE
Block : Kendujhar Sadar, Panchayat : Mandua
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	123.000	0.830	0.500	0.000	102.090	-
Total Quantity						102.09 Cft (Cubic Foot)	2.890862112 Cum (Cubic Meter)	
Amount						2.890862112 X 235.56432	680.98	
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	123.000	0.830	0.330	0.000	67.379	-
ii	Road base	1.000	123.000	10.330	0.250	0.000	317.647	-
Total Quantity						385.0269 Cft (Cubic Foot)	10.90272972192 Cum (Cubic Meter)	
Amount						10.90272972192 X 836.004472	9114.73	
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	Cutoff wall	2.000	123.000	0.830	0.660	0.000	134.759	-

ii	Road base	1.000	123.000	10.330	0.330	0.000	419.295	-
Total Quantity					554.0535 Cft (Cubic Foot)		15.6890221488 Cum (Cubic Meter)	
Amount					15.6890221488 X 5696.72860754		89376.10	
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 base	1.000	123.000	12.000	0.250	0.000	369.000	-
Total Quantity					369 Cft (Cubic Foot)		10.4488992 Cum (Cubic Meter)	
Amount					10.4488992 X 7185.40199198		75079.54	
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	Cutoff wall	4.000	123.000	0.000	0.500	0.000	246.000	-
ii	Road base	2.000	123.000	0.000	0.250	0.000	61.500	-
Total Quantity					307.5 Sft (Square Foot)		28.5676725 Sqm (Square Meter)	
Amount					28.5676725 X 215.22489289764		6148.47	
Total Amount							180399.83	
Addition								
Provision for Contingency (+) @							1865.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							1267.16	
Total Addition							6132.16	

Grand Net Total Amount	186531.99
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