

Detailed Estimate

**OD/361/3452/119461/386168/00015541 : CONSTRUCTION OF CC ROAD FROM GHUTURU CHITRASEN MAHANTA
HOUSE TO SARAT NAYAK HOUSE MANDUA GP
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	94.500	0.830	0.500	0.000	78.435	-
Total Quantity						78.435 Cft (Cubic Foot)	2.221028208 Cum (Cubic Meter)	
Amount						2.221028208 X 235.56432	523.19	
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	94.500	0.830	0.330	0.000	51.767	-
ii	Road base	1.000	94.500	10.330	0.250	0.000	244.046	-
Total Quantity						295.81335 Cft (Cubic Foot)	8.37648746928 Cum (Cubic Meter)	
Amount						8.37648746928 X 836.004472	7002.78	
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	94.500	0.830	0.660	0.000	103.534	-

ii	Road base	1.000	94.500	10.330	0.330	0.000	322.141	-
Total Quantity					425.67525 Cft (Cubic Foot)		12.0537609192 Cum (Cubic Meter)	
Amount					12.0537609192 X 5696.72860754		68667.00	
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	94.500	12.000	0.250	0.000	283.500	-
Total Quantity					283.5 Cft (Cubic Foot)		8.0278128 Cum (Cubic Meter)	
Amount					8.0278128 X 7185.40199198		57683.06	
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	94.500	0.000	0.500	0.000	189.000	-
ii	Road base	2.000	94.500	0.000	0.250	0.000	47.250	-
Total Quantity					236.25 Sft (Square Foot)		21.94833375 Sqm (Square Meter)	
Amount					21.94833375 X 215.22489289764		4723.83	
Total Amount							138599.87	
Addition								
Provision for Contingency (+) @							1438.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							750.12	
Total Addition							5188.12	

Grand Net Total Amount	143787.99
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