

Detailed Estimate

**OD/361/3452/119452/386133/00015556 : CONSTRUCTION OF CC ROAD FROM DHARITRI MAHANTA HOUSE TO
KHAGA MAHANTA HOUSE AT DHENKIKOT
Block : Kendujhar Sadar, Panchayat : Dimbo
Created By: Samir Kabi**

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	35.800	0.250	0.200	0.000	3.580	-
ii	c/s cutoff	2.000	3.150	0.250	0.200	0.000	0.315	-
Total Quantity					3.895 cum (cum)		3.895 Cum (Cubic Meter)	
Amount					3.895 X 235.56432		917.52	
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	35.800	0.250	0.100	0.000	1.790	-
ii	c/s cutoff	2.000	3.150	0.250	0.100	0.000	0.158	-
iii	road surface	1.000	35.800	3.150	0.075	0.000	8.458	-
Total Quantity					10.40525 cum (cum)		10.40525 Cum (Cubic Meter)	
Amount					10.40525 X 993.806872		10340.81	
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	35.800	0.250	0.200	0.000	3.580	-

ii	c/s cutoff	2.000	3.150	0.250	0.200	0.000	0.315	-
iii	road surface	1.000	35.800	3.150	0.100	0.000	11.277	-
Total Quantity					15.172 cum (cum)		15.172 Cum (Cubic Meter)	
Amount					15.172 X 5983.83694434		90786.77	
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 surface	1.000	35.800	3.650	0.075	0.000	9.800	-
Total Quantity					9.80025 cum (cum)		9.80025 Cum (Cubic Meter)	
Amount					9.80025 X 7464.97176958		73158.59	
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	2.000	35.800	0.200	0.000	0.000	14.320	-
ii	c/s cutoff	2.000	3.150	0.200	0.000	0.000	1.260	-
iii	road surface	2.000	35.800	0.075	0.000	0.000	5.370	-
Total Quantity					20.95 Sqm (Sqm)		20.95 Sqm (Square Meter)	
Amount					20.95 X 215.22489289764		4508.96	
Total Amount							179712.66	
Addition								
Provision for Contingency (+) @							1797.13	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							2021.80	

Total Addition	6818.93
Grand Net Total Amount	186531.58