

Detailed Estimate

**OD/361/3452/119468/386143/00015548 : CONSTRUCTION OF CC ROAD FROM LAMBODAR NAIK HOUSE TO JADUMANI
MAHANTA HOUSE AT CHAKA
Block : Kendujhar Sadar, Panchayat : Raghunathpur
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	1.000	27.400	0.250	0.200	0.000	1.370	-
ii	c/s cutoff	2.000	3.150	0.250	0.200	0.000	0.315	-
iii		0.000	0.000	0.000	0.000	0.000	1.000	-
Total Quantity					2.685 cum (cum)		2.685 Cum (Cubic Meter)	
Amount					2.685 X 235.56432		632.49	
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	27.400	0.250	0.100	0.000	1.370	-
ii	c/s cutoff	2.000	3.150	0.250	0.200	0.000	0.315	-
iii	road surface	1.000	27.400	3.150	0.075	0.000	6.473	-
Total Quantity					8.15825 cum (cum)		8.15825 Cum (Cubic Meter)	
Amount					8.15825 X 1051.841472		8581.19	
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	27.400	0.250	0.200	0.000	2.740	-
ii	c/s cutoff	2.000	3.150	0.250	0.200	0.000	0.315	-
iii	road surface	1.000	27.400	3.150	0.100	0.000	8.631	-
Total Quantity					11.686 cum (cum)		11.686 Cum (Cubic Meter)	
Amount					11.686 X 5937.07439884		69380.65	

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	27.400	3.650	0.075	0.000	7.501	-
Total Quantity					7.50075 cum (cum)		7.50075 Cum (Cubic Meter)	
Amount					7.50075 X 7427.63545308		55712.84	

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	2.000	27.400	0.200	0.000	0.000	10.960	-
ii	c/s cutoffff	4.000	3.150	0.200	0.000	0.000	2.520	-
iii	road surface	2.000	27.400	0.075	0.000	0.000	4.110	-
Total Quantity					17.59 Sqm (Sqm)		17.59 Sqm (Square Meter)	
Amount					17.59 X 215.22489289764		3785.81	
Total Amount							138092.97	
Addition								
Provision for Contingency (+) @							1380.93	
Display Citizen Board (+) @							2934.00	

Any Other Lumpsum (+) @	1380.00
Total Addition	5694.93
Grand Net Total Amount	143787.90