

Detailed Estimate

**OD/361/3452/119472/386187/00017089 : CONSTRUCTION OF C.C. ROAD FROM P.W.D. ROAD TO SANDHYA RANI
HOUSE VIA KHANDUAL HOUSE
Block : Kendujhar Sadar, Panchayat : Sirispal
Created By: Siddhartha Sankar Parida**

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	levelling	1.000	115.000	12.000	0.500	0.000	690.000	-
ii	cutoff	2.000	115.000	0.833	0.500	0.000	95.795	-
iii	cutoff	1.000	10.330	0.833	0.500	0.000	4.302	-
Total Quantity					790.097445 Cft (Cubic Foot)		22.373031330576 Cum (Cubic Meter)	
Amount					22.373031330576 X 235.56432		5270.29	
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	Road	1.000	114.166	10.330	0.250	0.000	294.834	-
ii	cutoff	2.000	115.000	0.833	0.250	0.000	47.898	-
iii	cutoff	1.000	10.330	0.833	0.250	0.000	2.151	-
Total Quantity					344.8824175 Cft (Cubic Foot)		9.765966439864 Cum (Cubic Meter)	
Amount					9.765966439864 X 901.755472		8806.51	
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	Road	1.000	115.000	12.000	0.330	0.000	455.400	-
ii	cutoff	2.000	115.000	0.833	0.500	0.000	95.795	-
iii	cutoff	1.000	10.330	0.833	0.500	0.000	4.302	-
Total Quantity					555.497445 Cft (Cubic Foot)		15.729910050576 Cum (Cubic Meter)	
Amount					15.729910050576 X 5731.03912564		90148.73	

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 as per specifaicaon and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	115.000	12.000	0.250	0.000	345.000	-
Total Quantity					345 Cft (Cubic Foot)		9.769296 Cum (Cubic Meter)	
Amount					9.769296 X 7218.86881668		70523.27	

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 centring 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	long side	2.000	115.000	0.000	0.833	0.000	191.590	-
ii	short side	1.000	12.000	0.000	0.833	0.000	9.996	-
iii	long side	2.000	114.166	0.000	0.250	0.000	57.083	-
iv		1.000	10.330	0.000	0.250	0.000	2.583	-
Total Quantity					261.2515 Sft (Square Foot)		24.2710481045 Sqm (Square Meter)	

Amount	24.2710481045 X 215.22489289764	5223.73
Total Amount		179972.53
Addition		
Provision for Contingency (+) @		1863.00
Display Citizen Board (+) @		4454.00
Any Other Lumpsum (+) @		
Total Addition		6317.00
Grand Net Total Amount		186289.53