

Detailed Estimate

OD/361/3452/275398/386063/00067894 : CONST. OF CC ROAD FROM JIBANA NANDA ACHARYA HOUSE TO JANARDAN SADANGI HOUSE

Block : Kendujhar Sadar, Gram Panchayat : Gopinathpur

Created By:Subhashree Behera

1. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD 0' TO 21 FT	1.000	21.000	15.500	0.000	0.000	325.500	-
ii	ROAD 21 FT TO 65.33 FT	1.000	44.330	12.875	0.000	0.000	570.749	-
iii	ROAD 65.33' TO 113'66	1.000	48.330	12.995	0.000	0.000	628.048	-
iv	ROAD 113.66 TO 159.66	1.000	46.000	13.540	0.000	0.000	622.840	-
v	ROAD 159.66 FT TO 206.66	1.000	47.000	13.660	0.000	0.000	642.020	-
vi	ROAD 206.66 FT TO 216.66 FT	1.000	10.000	17.330	0.000	0.000	173.300	-
Total Quantity					2962.4571 Sft (Square Foot)		275.2211519613 Sqm (Square Meter)	
Amount					275.2211519613 X 4.6662		1284.24	
2. 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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	ROAD CUT OFF WALL	2.000	159.660	0.830	0.420	0.000	111.315	-
ii	CUT OFF WALL	1.000	47.000	0.830	0.420	0.000	16.384	-
Total Quantity					127.699152 Cft (Cubic Foot)		3.6160313473536 Cum (Cubic Meter)	
Amount					3.6160313473536 X 240.77592		870.65	

3. 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	CUT OFF WALL	2.000	159.660	0.830	0.160	0.000	42.406	-
ii	CUT OFF WALL	1.000	47.000	0.830	0.160	0.000	6.242	-
iii	ROAD	1.000	21.000	13.840	0.160	0.000	46.502	-
iv	ROAD	1.000	44.330	11.215	0.160	0.000	79.546	-
v	ROAD	1.000	48.330	11.330	0.160	0.000	87.613	-
vi	ROAD	1.000	46.000	11.875	0.160	0.000	87.400	-
vii	ROAD	1.000	47.000	12.830	0.160	0.000	96.482	-
viii	ROAD	1.000	10.000	17.330	0.160	0.000	27.728	-
Total Quantity					473.917672 Cft (Cubic Foot)		13.41983193449 Cum (Cubic Meter)	
Amount					13.41983193449 X 955.604632		12824.05	

4. 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
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i	CUT OFF WALL	2.000	159.660	0.830	0.740	0.000	196.126	-
ii	CUT OFF WALL	1.000	47.000	0.830	0.740	0.000	28.867	-
iii	ROAD 0' TO 21'	1.000	21.000	13.840	0.330	0.000	95.911	-
iv	ROAD 21' TO 65.33'	1.000	44.330	11.215	0.330	0.000	164.063	-
v	ROAD 65'33" TO 113'66"	1.000	48.330	11.330	0.330	0.000	180.701	-
vi	ROAD 113.66 FT TO 159.66 FT	1.000	46.000	11.875	0.330	0.000	180.262	-
vii	ROAD 159'66" TO 206'66"	1.000	47.000	12.830	0.330	0.000	198.993	-
viii	ROAD 206'66" TO 216'66"	1.000	10.000	17.330	0.330	0.000	57.189	-
Total Quantity					1102.1138945 Cft (Cubic Foot)		31.208338727778 Cum (Cubic Meter)	
Amount					31.208338727778 X 5905.25350044		184293.15	
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	CUT OFF WALL	4.000	159.660	0.000	0.740	0.000	472.594	-
ii	CUT OFF WALL	2.000	47.000	0.000	0.740	0.000	69.560	-
iii	ROAD	2.000	159.660	0.000	0.200	0.000	63.864	-
iv	ROAD	1.000	47.000	0.000	0.200	0.000	9.400	-
Total Quantity					615.4176 Sft (Square Foot)		57.1741412928 Sqm (Square Meter)	
Amount					57.1741412928 X 216.23489289764		12363.04	

6. 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 specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD 0' TO 21 FT	1.000	21.000	15.500	0.160	0.000	52.080	-
ii	ROAD 21 FT TO 65.33 FT	1.000	44.330	12.875	0.200	0.000	114.150	-
iii	ROAD 65.33' TO 113'66	1.000	48.330	12.995	0.200	0.000	125.610	-
iv	ROAD 113.66 TO 159.66	1.000	46.000	13.540	0.200	0.000	124.568	-
v	ROAD 159.66 FT TO 206.66	1.000	47.000	13.660	0.160	0.000	102.723	-
vi	ROAD 206.66 FT TO 216.66 FT	1.000	10.000	17.330	0.160	0.000	27.728	-
Total Quantity					546.85862 Cft (Cubic Foot)		15.485286170816 Cum (Cubic Meter)	
Amount					15.485286170816 X 7376.20576828		114222.66	
Total Amount							325857.80	
Addition								
Provision for Contingency (+) @							3387.00	
Display Citizen Board (+) @							3387.00	
Any Other Lumpsum (+) @							6076.00	
Provision for survey investigation and quality control (+) @								
Total Addition							12850.00	
Grand Net Total Amount							338707.80	

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