

Detailed Estimate

**OD/346/3301/275578/392508/00075981 : Construction of CC Road from Kana Hansda House to Ratan Hansda House
at Village Basuchakurai
Block : Basta, Gram Panchayat : Basuchakurai
Created By: JATINDRA SINGH**

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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CUT OFF WALL	2.000	218.000	1.000	1.000	0.000	436.000	-
ii	DRAIN	1.000	12.000	3.500	2.000	0.000	84.000	-
Total Quantity					520 Cft (Cubic Foot)		14.724736 Cum (Cubic Meter)	
Amount					14.724736 X 240.77592		3545.36	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CUT OFF WALL	2.000	218.000	1.000	0.330	0.000	143.880	-
ii	DRAIN BED	1.000	12.000	3.500	0.660	0.000	27.720	-
iii	ROAD	1.000	218.000	8.500	0.500	0.000	926.500	-
Total Quantity					1098.1 Cft (Cubic Foot)		31.09467808 Cum (Cubic Meter)	
Amount					31.09467808 X 1151.302232		35799.37	
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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CUT OFF WALL	2.000	218.000	1.000	1.000	0.000	436.000	-
ii	ROAD	1.000	166.000	8.500	0.330	0.000	465.630	-
iii	ROAD	1.000	52.000	16.000	0.330	0.000	274.560	-
iv	DRAIN BED	1.000	12.000	3.500	0.330	0.000	13.860	-
v	DRAIN SIDE WALL	2.000	12.000	1.000	2.000	0.000	48.000	-
Total Quantity					1238.05 Cft (Cubic Foot)		35.05761424 Cum (Cubic Meter)	
Amount					35.05761424 X 6615.46720126		231922.50	

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 specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	166.000	10.500	0.330	0.000	575.190	-
ii	ROAD	1.000	52.000	17.667	0.330	0.000	303.160	-
iii	DRAIN BED	1.000	12.000	3.000	0.330	0.000	11.880	-
Total Quantity					890.2299998856 Cft (Cubic Foot)		25.208464860761 Cum (Cubic Meter)	
Amount					25.208464860761 X 8028.93112962		202397.03	

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CUT OFF WALL	2.000	218.000	0.000	0.830	2.000	723.760	-
ii	ROAD	1.000	218.000	0.000	0.330	2.000	143.880	-
iii	DRAIN WALL	2.000	12.000	0.000	2.000	0.000	48.000	-
Total Quantity					915.64 Sft (Square Foot)		85.06570292 Sqm (Square Meter)	
Amount					85.06570292 X 216.23489289764		18394.17	
Total Amount							492058.43	
Addition								
Provision for Contingency (+) @							5060.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							3918.50	
Provision for survey investigation and quality control (+) @							0.00	
Total Addition							13978.50	
Grand Net Total Amount							506036.93	

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