

## Detailed Estimate

**OD/346/3301/116129/392237/00075937 : Construction of CC Road from R D Road to Basanta Kumar Das House at Village Bagasahi**

**Block : Basta, Gram Panchayat : Naikudi**

**Created By: BABITA BARIK**

<b>1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
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	CUTOFF WALL	2.000	300.000	0.830	0.830	0.000	413.340	-
ii	GUARDWALL	1.000	79.000	1.500	1.500	0.000	177.750	-
<b>Total Quantity</b>						591.09 Cft (Cubic Foot)	16.737777312 Cum (Cubic Meter)	
<b>Amount</b>						<b>16.737777312 X 240.77592</b>	<b>4030.05</b>	
<b>2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>								
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	CUTOFF WALL	2.000	300.000	0.830	0.330	0.000	164.340	-
ii	GUARDWALL	1.000	79.000	1.500	0.500	0.000	59.250	-
iii	MIDDLE SURFACE	1.000	300.000	8.330	0.410	0.000	1024.590	-
<b>Total Quantity</b>						1248.18 Cft (Cubic Foot)	35.344463424 Cum (Cubic Meter)	
<b>Amount</b>						<b>35.344463424 X 1282.804232</b>	<b>45340.03</b>	
<b>3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>								
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	CUTOFF WALL	2.000	300.000	0.830	0.910	0.000	453.180	-
ii	GUARDWALL	1.000	79.000	1.500	0.500	0.000	59.250	-
iii	MIDDLE SURFACE	1.000	300.000	10.000	0.330	0.000	990.000	-
iv	GUARDWALL	1.000	79.000	1.250	2.500	0.000	246.875	-
Total Quantity					1749.305 Cft (Cubic Foot)		49.534719824 Cum (Cubic Meter)	
Amount					49.534719824 X 6767.79136126		335240.65	

#### 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 as per specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	300.000	10.000	0.330	0.000	990.000	-
Total Quantity					990 Cft (Cubic Foot)		28.033632 Cum (Cubic Meter)	
Amount					28.033632 X 8171.73502962		229083.41	

#### 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	CUTOFF WALL	4.000	300.000	0.000	0.410	0.000	492.000	-
ii	ROAD	2.000	300.000	0.000	0.660	0.000	396.000	-
iii	GUARDWALL	1.000	79.000	0.000	1.500	0.000	118.500	-
Total Quantity					1006.5 Sft (Square Foot)		93.5068695 Sqm (Square Meter)	

Amount	93.5068695 X 216.23489289764	20219.45
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Total Amount (A) : 633913.59
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<b>Additional Components</b>
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#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.6491	-	6491
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.4205.99	vibrater	4205.99

Additional Components Amount (F) : 15696.99
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Grand Total Amount (A + F) : 649610.58042983
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