

## Detailed Estimate

**OD/344/3280/115674/403765/00018090 : Const. of CC Road from Gulekha Behera House to Rushi Behera House at Derang**  
**Block : Kaniha, Gram Panchayat : Deranga**  
**Created By:Kartik Chandra Mallik**

<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	245.000	0.830	0.830	0.000	337.561	-
Total Quantity					337.561 Cft (Cubic Foot)		9.5586473248 Cum (Cubic Meter)	
Amount					9.5586473248 X 240.77592		2301.49	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	sand filling	1.000	245.000	12.000	0.330	0.000	970.200	-
Total Quantity					970.2 Cft (Cubic Foot)		27.47295936 Cum (Cubic Meter)	
Amount					27.47295936 X 581.258232		15968.88	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	2.000	245.000	0.830	0.330	0.000	134.211	-
ii	Bed	1.000	245.000	10.330	0.330	0.000	835.180	-

Total Quantity				969.3915 Cft (Cubic Foot)			27.4500652272 Cum (Cubic Meter)	
Amount				27.4500652272 X 5190.64509368			142483.55	
<b>4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>								
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 specifaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wearing coat	1.000	245.000	12.000	0.330	0.000	970.200	-
Total Quantity				970.2 Cft (Cubic Foot)			27.47295936 Cum (Cubic Meter)	
Amount				27.47295936 X 6706.23296216			184240.07	
<b>5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>								
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	Centring	2.000	245.000	0.330	0.000	2.000	323.400	-
ii	centring	2.000	245.000	0.330	0.000	0.000	161.700	-
Total Quantity				485.1 Sft (Square Foot)			45.0672453 Sqm (Square Meter)	
Amount				45.0672453 X 216.39264180804			9752.22	
<b>Total Amount</b>							<b>354746.21</b>	
<b>Addition</b>								
Provision for Contingency (+) @							3547.46	
Display Citizen Board (+) @							1445.00	
Any Other Lumpsum (+) @							0.00	
Provision for survey investigation and quality control (+) @								
<b>Total Addition</b>							<b>4992.46</b>	

**Grand Net Total Amount**

**359738.67**