

## Detailed Estimate

**OD/361/3449/119408/387232/00075341 : CONST OF CC ROAD WITH STEP AND RETAINING WALL AT AMINA TUTHA  
SLOPE AT AGIRIA**

**Block : Hatadihi, Gram Panchayat : Samana  
Created By: PRAFULLA CHANDRA BEHERA**

<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	Earh work in excavation of foundation road	1.000	100.000	11.000	0.500	0.000	550.000	-
ii	Bathing ghat	1.000	21.000	13.000	1.000	0.000	273.000	-
iii	wall	1.000	60.680	2.000	4.000	0.000	485.440	-
<b>Total Quantity</b>					1308.44 Cft (Cubic Foot)		37.050833792 Cum (Cubic Meter)	
<b>Amount</b>					37.050833792 X 240.77592		<b>8920.95</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	Filling ( F&P) sand wael watred rammed etc complete	1.000	100.000	11.000	0.500	0.000	550.000	-
ii	Bathing g wallhat	1.000	60.680	2.000	0.500	0.000	60.680	-
iii	Bathing ghat Area	1.000	17.500	10.340	0.500	0.000	90.475	-

Total Quantity	701.155 Cft (Cubic Foot)	19.854465904 Cum (Cubic Meter)
Amount	19.854465904 X 978.652832	19430.63

### 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	Pcc (1:3:6) using 40 mm size h.g. metal road	1.000	100.000	11.000	0.333	0.000	366.300	-
ii	Bathing ghjat wall	1.000	60.680	2.000	3.500	0.000	424.760	-
iii	Btahn ghat	1.000	20.000	12.000	0.500	0.000	120.000	-

Total Quantity	911.06 Cft (Cubic Foot)	25.798303808 Cum (Cubic Meter)
Amount	25.798303808 X 5850.19045982	150924.99

### 4. 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	Rigid & Smooth centering shuttering for casting of mass concrete	2.000	100.000	0.000	0.200	0.000	40.000	-
ii	Bathing ghat	2.000	20.000	0.000	1.000	0.000	40.000	-

Total Quantity	80 Sft (Square Foot)	7.43224 Sqm (Square Meter)
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<b>Amount</b>		7.43224 X 216.23489289764					1607.11	
<b>5. 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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	C.C. (1:2:4) using 12mm size h.g. c. b. chips road	1.000	100.000	11.000	0.330	0.000	363.000	-
ii	btahing ghat rea	1.000	20.000	12.000	0.330	0.000	79.200	-
iii	Steps	5.000	12.000	3.000	0.500	0.000	90.000	-
<b>Total Quantity</b>					532.2 Cft (Cubic Foot)		15.07020096 Cum (Cubic Meter)	
<b>Amount</b>					15.07020096 X 7298.23316834		109985.84	
<b>Total Amount</b>							290869.52	
<b>Addition</b>								
Provision for Contingency (+) @							2908.70	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							1221.78	
Provision for survey investigation and quality control (+) @								
<b>Total Addition</b>							9130.48	
<b>Grand Net Total Amount</b>							299999.99	

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