

## Detailed Estimate

**OD/373/3589/121776/383770/00074335 : Construction of Cement Concrete Road at Jhimermahul from Ganesh Bhoi House to Uttam Seth House**  
**Block : Tangarpali, Gram Panchayat : Nialipali**  
**Created By: Jagannath Munda**

### **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	Road formation	1.000	110.000	3.650	0.100	0.000	40.150	-
ii	Cut off wall	2.000	110.000	0.250	0.200	0.000	11.000	-
Total Quantity					51.15 cum (cum)		51.15 Cum (Cubic Meter)	
Amount					51.15 X 240.77592		12315.69	

### **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	Road formation	1.000	110.000	3.650	0.100	0.000	40.150	-
ii	Cut off wall	0.000	110.000	0.250	0.100	0.000	2.750	-
Total Quantity					42.9 cum (cum)		42.9 Cum (Cubic Meter)	
Amount					42.9 X 1268.038032		54398.83	

### **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	Road formation	1.000	110.000	3.650	0.100	0.000	40.150	-
ii	Cut off wall	2.000	110.000	0.250	0.100	0.000	5.500	-
Total Quantity					45.65 cum (cum)		45.65 Cum (Cubic Meter)	
Amount					45.65 X 5419.83375232		247415.41	
<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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Formation	1.000	110.000	3.650	0.075	0.000	30.113	-
Total Quantity					30.1125 cum (cum)		30.1125 Cum (Cubic Meter)	
Amount					30.1125 X 6898.84800984		207741.56	
<b>Total Amount</b>							<b>521871.49</b>	
<b>Addition</b>								
Provision for Contingency (+) @							5000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							5000.00	
Provision for survey investigation and quality control (+) @							538.00	
<b>Total Addition</b>							<b>15538.00</b>	
<b>Grand Net Total Amount</b>							<b>537409.49</b>	

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JE  
Tangarpali Block

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BDO Tangarpali  
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