

## Detailed Estimate

**OD/350/3345/117170/398981/00062606 : Repair and Maint of Road with CC / Gr-II metalling from Prabhakar Behera House to Kalandi Sahoo house , Godijharia , Bhiruda  
Block : Tigiria, Gram Panchayat : Bhiruda  
Created By:Mihir Kumar Sethy**

<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	s	2.000	180.000	0.500	0.500	0.000	90.000	-
Total Quantity					90 Cft (Cubic Foot)		2.548512 Cum (Cubic Meter)	
Amount					2.548512 X 240.77592		613.62	
<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	sd	2.000	180.000	0.500	0.330	0.000	59.400	-
ii	inside	1.000	180.000	9.000	0.250	0.000	405.000	-
Total Quantity					464.4 Cft (Cubic Foot)		13.15032192 Cum (Cubic Meter)	
Amount					13.15032192 X 1259.372232		16561.15	
<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	sd	2.000	180.000	0.500	0.660	0.000	118.800	-
ii	base	1.000	100.000	9.000	0.290	0.000	261.000	-
iii	base	1.000	80.000	9.000	0.250	0.000	180.000	-
Total Quantity					559.8 Cft (Cubic Foot)		15.85174464 Cum (Cubic Meter)	
Amount					15.85174464 X 5655.74829386		89653.48	
<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	df	1.000	180.000	10.000	0.210	0.000	378.000	-
Total Quantity					378 Cft (Cubic Foot)		10.7037504 Cum (Cubic Meter)	
Amount					10.7037504 X 7145.29790582		76481.49	
Total Amount							183309.73	
<b>Addition</b>								
Provision for Contingency (+) @							1905.00	
Display Citizen Board (+) @							5230.00	
Any Other Lumpsum (+) @							0.00	
Provision for survey investigation and quality control (+) @								
Total Addition							7135.00	
Grand Net Total Amount							190444.73	

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