

## Detailed Estimate

**OD/350/3345/117173/398989/00062880 : Repair and Maint of Road with CC / Gr-II from Jemadeipur High School to Mayadhar Prusty, Jemadeipur**  
**Block : Tigiria, Gram Panchayat : Jamadeipur**  
**Created By: Mihir Kumar Sethy**

### **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	cuttoff	2.000	148.000	0.500	0.500	0.000	74.000	-
Total Quantity					74 Cft (Cubic Foot)		2.0954432 Cum (Cubic Meter)	
Amount					2.0954432 X 240.77592		504.53	

### **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	cuttoff	2.000	148.000	0.500	0.500	0.000	74.000	-
ii	inside	1.000	100.000	11.000	0.250	0.000	275.000	-
iii	inside	1.000	48.000	11.000	0.250	0.000	132.000	-
Total Quantity					481 Cft (Cubic Foot)		13.6203808 Cum (Cubic Meter)	
Amount					13.6203808 X 1259.372232		17153.13	

### **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	cutoff	2.000	148.000	0.500	0.660	0.000	97.680	-
ii	bed	1.000	100.000	11.000	0.290	0.000	319.000	-
iii	bed	1.000	48.000	11.000	0.250	0.000	132.000	-
Total Quantity					548.68 Cft (Cubic Foot)		15.536861824 Cum (Cubic Meter)	
Amount					15.536861824 X 5655.74829386		87872.58	

**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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	d	2.000	148.000	0.500	0.000	0.000	148.000	-
Total Quantity					148 Sft (Square Foot)		13.749644 Sqm (Square Meter)	
Amount					13.749644 X 216.23489289764		2973.15	

**5. 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	d	1.000	100.000	12.000	0.210	0.000	252.000	-
ii	df	1.000	48.000	12.000	0.210	0.000	120.960	-
Total Quantity					372.96 Cft (Cubic Foot)		10.561033728 Cum (Cubic Meter)	
Amount					10.561033728 X 7145.29790582		75461.73	

<b>Total Amount</b>	<b>183965.13</b>
<b>Addition</b>	
Provision for Contingency (+) @	1860.00
Display Citizen Board (+) @	174.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>2034.00</b>
<b>Grand Net Total Amount</b>	<b>185999.13</b>

**Mihir Kumar Sethy**  
**JE**  
**Tigiria Block**

**KAILASH DHANDRA SAHOO**  
**AEE**  
**Tigiria Block**

**Monoswini Das**  
**BDO**  
**Tigiria Block**