

## Detailed Estimate

**OD/350/3345/117173/398989/00062882 : Const of CC Road from Jamadeipur Goutampur Santosh Patra House to Sani Mandira, W.N-06**

**Block : Tigiria, Gram Panchayat : Jamadeipur**

**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	cuttoff	2.000	112.000	0.500	0.500	0.000	56.000	-
Total Quantity					56 Cft (Cubic Foot)		1.5857408 Cum (Cubic Meter)	
Amount					1.5857408 X 240.77592		381.81	
<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	cuttoff	2.000	112.000	0.500	0.330	0.000	36.960	-
ii	inside	1.000	100.000	11.000	0.250	0.000	275.000	-
iii	inside	1.000	12.000	11.000	0.250	0.000	33.000	-
Total Quantity					344.96 Cft (Cubic Foot)		9.768163328 Cum (Cubic Meter)	
Amount					9.768163328 X 1259.372232		12301.75	
<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	cuttoff	2.000	112.000	0.500	0.660	0.000	73.920	-
ii	inside	1.000	100.000	11.000	0.290	0.000	319.000	-
iii	inside	1.000	12.000	11.000	0.290	0.000	38.280	-
Total Quantity					431.2 Cft (Cubic Foot)		12.21020416 Cum (Cubic Meter)	
Amount					12.21020416 X 5655.74829386		69057.84	

#### 4. 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 specifaicon and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	bed	1.000	100.000	12.000	0.210	0.000	252.000	-
ii	bed	1.000	12.000	12.000	0.210	0.000	30.240	-
Total Quantity					282.24 Cft (Cubic Foot)		7.992133632 Cum (Cubic Meter)	
Amount					7.992133632 X 7145.29790582		57106.18	

#### 5. 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	road	2.000	112.000	0.500	0.000	0.000	112.000	-
Total Quantity					112 Sft (Square Foot)		10.405136 Sqm (Square Meter)	
Amount					10.405136 X 216.23489289764		2249.95	

<b>Total Amount</b>	<b>141097.53</b>
<b>Addition</b>	
Provision for Contingency (+) @	1430.00
Display Citizen Board (+) @	472.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>1902.00</b>
<b>Grand Net Total Amount</b>	<b>142999.53</b>

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

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

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