

## Detailed Estimate

**OD/345/3296/116009/421449/00062835 : IMPROVEMENT OF ROAD FROM SALEPADA TO DANGARTAL ROAD**

**Block : Titlagarh, Gram Panchayat : Digsira**

**Created By: BIBHUTI BHUSAN NAYAK**

<b>1. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation</b>								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	233.000	12.000	0.000	0.093	259.748	-
Total Quantity					259.7484 Sqm (Sqm)		259.7484 Sqm (Square Meter)	
Amount					259.7484 X 4.6662		1212.04	
<b>2. 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	Cut off	2.000	233.000	0.750	0.660	0.028	6.528	-
Total Quantity					6.527961 cum (cum)		6.527961 Cum (Cubic Meter)	
Amount					6.527961 X 240.77592		1571.78	
<b>3. 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	Cutoff wall	2.000	233.000	0.750	0.250	0.028	2.473	-
ii	Road	1.000	233.000	10.500	0.333	0.028	23.056	-

Total Quantity		25.52828385 cum (cum)		25.52828385 Cum (Cubic Meter)				
Amount		25.52828385 X 455.816232		11636.21				
<b>4. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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 wall	2.000	233.000	0.750	1.000	0.028	9.891	-
ii	road	1.000	233.000	10.500	0.333	0.028	23.056	-
Total Quantity		32.94642135 cum (cum)		32.94642135 Cum (Cubic Meter)				
Amount		32.94642135 X 4861.89758586		160182.13				
<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	Road	1.000	233.000	12.000	0.229	0.028	18.133	-
Total Quantity		18.132697488 cum (cum)		18.132697488 Cum (Cubic Meter)				
Amount		18.132697488 X 6581.51711782		119340.66				
Total Amount				293942.81				
<b>Addition</b>								
Provision for Contingency (+) @				3000.00				
Display Citizen Board (+) @				2000.00				

Any Other Lumpsum (+) @	1057.00
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>6057.00</b>
<b>Grand Net Total Amount</b>	<b>299999.81</b>

**BIBHUTI BHUSAN NAYAK**  
**JE**  
**Titlagarh Block**

**ANSHU KUMAR**  
**AEE**  
**Titlagarh Block**

**CHANDRAMANI NAG**  
**BDO**  
**Titlagarh Block**