

## Detailed Estimate

**OD/373/3582/121674/384950/00072845 : Construction of Cement Concrete Road from Main Road to Deogharia**  
**Block : Lahunipara, Gram Panchayat : Talbahali**  
**Created By: NIRUPAMA NAIK**

<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	Road	1.000	103.000	3.050	0.050	0.000	15.708	-
ii	cut off	2.000	103.000	0.200	0.200	0.000	8.240	-
<b>Total Quantity</b>					23.9475 cum (cum)		23.9475 Cum (Cubic Meter)	
<b>Amount</b>					<b>23.9475 X 240.77592</b>		<b>5765.98</b>	
<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	Road	1.000	103.000	3.050	0.100	0.000	31.415	-
ii	cut off	2.000	103.000	0.200	0.100	0.000	-	4.120
<b>Total Quantity</b>					27.295 cum (cum)		27.295 Cum (Cubic Meter)	
<b>Amount</b>					<b>27.295 X 784.571232</b>		<b>21414.87</b>	
<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	cut off	2.000	103.000	0.200	0.150	0.000	6.180	-
ii	Road	1.000	103.000	3.050	0.100	0.000	31.415	-
Total Quantity					37.595 cum (cum)		37.595 Cum (Cubic Meter)	
Amount					37.595 X 6382.60556652		239954.06	
<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	1.000	103.000	3.050	0.100	0.000	31.415	-
Total Quantity					31.415 cum (cum)		31.415 Cum (Cubic Meter)	
Amount					31.415 X 7830.06229324		245981.41	
<b>5. Earth Work (AR0122Bi) : Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift</b>								
Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	2.000	103.000	0.300	0.300	0.000	18.540	-
Total Quantity					18.54 cum (cum)		18.54 Cum (Cubic Meter)	
Amount					18.54 X 310.01110892		5747.61	
<b>6. 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	103.000	3.050	0.000	0.000	314.150	-

Total Quantity	314.15 Sqm (Sqm)	314.15 Sqm (Square Meter)
Amount	314.15 X 4.6662	1465.89
Total Amount		520329.81
<b>Addition</b>		
Provision for Contingency (+) @		5420.00
Display Citizen Board (+) @		5000.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
Total Addition		10420.00
Grand Net Total Amount		530749.81

**NIRUPAMA NAIK**  
**JE**  
**Lahunipara Block**

**SATYABRAT PATTANAİK**  
**AEE**  
**Lahunipara Block**

**BDO LAHUNIPARA**  
**BDO**  
**Lahunipara Block**