

## Detailed Estimate

**OD/346/3302/116161/391619/00066397 : CONSTRUCTION OF ROAD FROM ASHOK DAS MOHAPATRA HOUSE TO DEBENDRA JENA HOUSE WORD NO 2**

**Block : Bhograi, Gram Panchayat : Mandarsahi**

**Created By: SOMANATH MALIK**

<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 Base	1.000	74.000	8.000	0.330	0.000	195.360	-
Total Quantity					195.36 Cft (Cubic Foot)		5.531970048 Cum (Cubic Meter)	
Amount					5.531970048 X 240.77592		1331.97	
<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 Base	1.000	74.000	8.000	0.330	0.000	195.360	-
Total Quantity					195.36 Cft (Cubic Foot)		5.531970048 Cum (Cubic Meter)	
Amount					5.531970048 X 1242.464832		6873.28	
<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	Road Base	1.000	74.000	8.000	0.330	0.000	195.360	-

Total Quantity		195.36 Cft (Cubic Foot)		5.531970048 Cum (Cubic Meter)				
Amount		5.531970048 X 7244.950685		40078.85				
<b>4. R.C.C. Work (AR0401) : R.C.C work</b>								
'Reinforced cement concrete (1:2:4) work with 12mm size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (To be used for minor repair work only)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Surface	1.000	74.000	8.000	0.330	0.000	195.360	-
Total Quantity		195.36 Cft (Cubic Foot)		5.531970048 Cum (Cubic Meter)				
Amount		5.531970048 X 8516.6587944		47113.90				
<b>5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>								
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	74.000	0.000	0.660	0.000	97.680	-
Total Quantity		97.68 Sft (Square Foot)		9.07476504 Sqm (Square Meter)				
Amount		9.07476504 X 216.23489289764		1962.28				
Total Amount		97360.28						
<b>Addition</b>								
Provision for Contingency (+) @		500.00						
Display Citizen Board (+) @		1000.00						
Any Other Lumpsum (+) @		1139.72						

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>2639.72</b>
<b>Grand Net Total Amount</b>	<b>100000.00</b>

**SOMANATH MALIK**  
**JE**  
**Bhograi Block**

**PRAMOD KUMAR BEHERA**  
**AEE**  
**Bhograi Block**

**Prasanta Kumar Moharana**  
**BDO**  
**Bhograi Block**