

## Detailed Estimate

**OD/373/3574/121539/384135/00066574 : CONSTRUCTION OF CC ROAD AT DEMUPADA, NUAPADA**

**Block : Bargaon, Gram Panchayat : Bhoipali**

**Created By: SUSHANTA KUMAR SETHI**

<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	Bed cutting	1.000	81.000	3.650	0.200	0.000	59.130	-
Total Quantity					59.13 cum (cum)		59.13 Cum (Cubic Meter)	
Amount					59.13 X 240.77592		14237.08	
<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	sand filling	1.000	81.000	3.650	0.100	0.000	29.565	-
Total Quantity					29.565 cum (cum)		29.565 Cum (Cubic Meter)	
Amount					29.565 X 790.631232		23375.01	
<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	metal concrete	1.000	81.000	3.650	0.100	0.000	29.565	-
Total Quantity					29.565 cum (cum)		29.565 Cum (Cubic Meter)	

<b>Amount</b>		29.565 X 5673.64586352		167741.34				
<b>4. 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	sides	2.000	81.000	0.000	0.187	0.000	30.294	-
Total Quantity					30.294 Sqm (Sqm)		30.294 Sqm (Square Meter)	
<b>Amount</b>		30.294 X 216.23489289764		6550.62				
<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	Chips concrete	1.000	81.000	3.650	0.087	0.000	25.722	-
Total Quantity					25.72155 cum (cum)		25.72155 Cum (Cubic Meter)	
<b>Amount</b>		25.72155 X 7126.39115224		183301.83				
<b>Total Amount</b>							<b>395205.88</b>	
<b>Addition</b>								
Provision for Contingency (+) @							2000.00	
Display Citizen Board (+) @							2794.12	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								

<b>Total Addition</b>	<b>4794.12</b>
<b>Grand Net Total Amount</b>	<b>400000.00</b>

**SUSHANTA KUMAR SETHI**  
**JE**  
**Bargaon Block**

**SUNIL MURMU**  
**AEE**  
**Bargaon Block**

**BDO Bargaon**  
**BDO**  
**Bargaon Block**