

## Detailed Estimate

**OD/360/3434/119045/396098/00064892 : Const.of Petapada Village road with C.C./Gr-II Metalling**

**Block : Aul, Gram Panchayat : Petapada**

**Created By:SAILENDU KUMAR BAL**

<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	cut off	2.000	17.200	0.225	0.150	0.000	1.161	-
Total Quantity					1.161 cum (cum)		1.161 Cum (Cubic Meter)	
Amount					1.161 X 240.77592		279.54	
<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	17.200	2.550	0.100	0.000	4.386	-
Total Quantity					4.386 cum (cum)		4.386 Cum (Cubic Meter)	
Amount					4.386 X 1382.430632		6063.34	
<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	17.200	0.225	0.350	0.000	2.709	-
ii	Road Base	1.000	17.200	2.550	0.100	0.000	4.386	-

Total Quantity		7.095 cum (cum)		7.095 Cum (Cubic Meter)				
Amount		7.095 X 6461.02668726		45840.98				
<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 Surface	1.000	17.200	3.000	0.100	0.000	5.160	-
Total Quantity		5.16 cum (cum)		5.16 Cum (Cubic Meter)				
Amount		5.16 X 7952.76410062		41036.26				
<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	Cut Off	4.000	17.200	0.000	0.200	0.000	13.760	-
ii	wearing coat	2.000	17.200	0.000	0.100	0.000	3.440	-
Total Quantity		17.2 Sqm (Sqm)		17.2 Sqm (Square Meter)				
Amount		17.2 X 216.55039071844		3724.67				
Total Amount		96944.80						
<b>Addition</b>								
Provision for Contingency (+) @		969.45						
Display Citizen Board (+) @		2085.00						
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								

<b>Total Addition</b>	<b>3054.45</b>
<b>Grand Net Total Amount</b>	<b>99999.24</b>

**JE**  
**Aul Block**

**RASHMITA TARAI**  
**AEE**  
**Aul Block**

**Abinash Biswajit Sethy**  
**BDO**  
**Aul Block**