

## Detailed Estimate

**OD/367/3527/120672/406275/00015278 : Maint & Imp of Barabati Smanan to PWD road**  
**Block : Nayagarh, Panchayat : Laxmiprasad**  
**Created By:Krushna Chandra Acharya**

<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	2.000	32.500	0.225	0.150	1.000	2.194	-
Total Quantity					2.1937499046326 cum (cum)		2.1937499046326 Cum (Cubic Meter)	
Amount					2.1937499046326 X 235.56432		516.77	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	2.000	32.500	0.225	0.100	1.000	1.463	-
ii	Road	1.000	32.500	3.200	0.050	0.000	5.200	-
Total Quantity					6.6624999046326 cum (cum)		6.6624999046326 Cum (Cubic Meter)	
Amount					6.6624999046326 X 779.535372		5193.65	
<b>3. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	2.000	32.500	0.225	0.200	1.000	2.925	-
ii	Road	1.000	32.500	3.200	0.100	0.000	10.400	-

Total Quantity		13.324999809265 cum (cum)		13.324999809265 Cum (Cubic Meter)				
Amount		13.324999809265 X 5130.2318043		68360.34				
<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 and as per direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	32.500	3.650	0.100	1.000	11.863	-
ii	Deduction	6.000	3.650	0.006	0.100	0.000	-	0.013
Total Quantity		11.849360466003 cum (cum)		11.849360466003 Cum (Cubic Meter)				
Amount		11.849360466003 X 6905.5061581		81825.83				
<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 centering 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	2.000	32.500	1.000	0.250	1.000	16.250	-
Total Quantity		16.25 Sqm (Sqm)		16.25 Sqm (Square Meter)				
Amount		16.25 X 215.22489289764		3497.40				
Total Amount		159394.00						
<b>Addition</b>								
Provision for Contingency (+) @		0.00						
Display Citizen Board (+) @		431.00						
Any Other Lumpsum (+) @		0.00						
Total Addition		431.00						
Grand Net Total Amount		159825.00						