

## Detailed Estimate

**OD/367/3527/120679/406301/00013802 : MAINT. & IMP OF JANHIPADA AWC ROAD**

**Block : Nayagarh, Gram Panchayat : Saranakul**

**Created By: Muralidhar Rout**

<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	cut off	2.000	90.000	0.750	0.500	1.000	67.500	-
Total Quantity					67.5 Cft (Cubic Foot)		1.911384 Cum (Cubic Meter)	
<b>Amount</b>					<b>1.911384 X 235.56432</b>		<b>450.25</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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	2.000	90.000	0.750	0.330	1.000	44.550	-
ii	road base	1.000	90.000	10.500	0.160	1.000	151.200	-
Total Quantity					195.75 Cft (Cubic Foot)		5.5430136 Cum (Cubic Meter)	
<b>Amount</b>					<b>5.5430136 X 779.535372</b>		<b>4320.98</b>	
<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	cut off	2.000	90.000	0.750	0.660	1.000	89.100	-
ii	road base	1.000	90.000	10.500	0.330	1.000	311.850	-
Total Quantity					400.95 Cft (Cubic Foot)		11.35362096 Cum (Cubic Meter)	

<b>Amount</b>			<b>11.35362096 X 5130.2318043</b>				<b>58246.71</b>	
<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 specifaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road base	1.000	90.000	12.000	0.330	1.000	356.400	-
ii	deduct	6.000	12.000	0.020	0.330	1.000	-	0.475
Total Quantity					355.9248 Cft (Cubic Foot)		10.07865137664 Cum (Cubic Meter)	
<b>Amount</b>			<b>10.07865137664 X 6905.5061581</b>				<b>69598.19</b>	
<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road base	2.000	90.000	0.000	0.830	1.000	149.400	-
Total Quantity					149.4 Sft (Square Foot)		13.8797082 Sqm (Square Meter)	
<b>Amount</b>			<b>13.8797082 X 215.22489289764</b>				<b>2987.26</b>	
<b>Total Amount</b>							<b>135603.38</b>	
<b>Addition</b>								
Provision for Contingency (+) @							0.00	
Display Citizen Board (+) @							1421.50	
Any Other Lumpsum (+) @								
<b>Total Addition</b>							<b>1421.50</b>	
<b>Grand Net Total Amount</b>							<b>137024.88</b>	