

## Detailed Estimate

**OD/359/3425/118915/415780/00071691 : Improvement of road at Kanikuti to Rasedinaju**

**Block : G.Udayagiri, Gram Panchayat : Kalinga**

**Created By:PRAMOD KUMAR NAYAK**

<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	140.000	0.500	0.500	0.000	70.000	-
ii	Road	1.000	143.000	11.000	0.500	0.000	786.500	-
Total Quantity					856.5 Cft (Cubic Foot)		24.2533392 Cum (Cubic Meter)	
Amount					24.2533392 X 240.77592		5839.62	
<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	1.000	143.000	11.000	0.330	0.000	519.090	-
Total Quantity					519.09 Cft (Cubic Foot)		14.698967712 Cum (Cubic Meter)	
Amount					14.698967712 X 645.049832		9481.57	
<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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	Cut off	2.000	143.000	0.500	0.500	0.000	71.500	-
ii	Road	1.000	143.000	11.000	0.330	0.000	519.090	-
Total Quantity					590.59 Cft (Cubic Foot)		16.723618912 Cum (Cubic Meter)	
Amount					<b>16.723618912 X 5095.28288944</b>		<b>85211.57</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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	143.000	11.500	0.250	0.000	411.125	-
Total Quantity					411.125 Cft (Cubic Foot)		11.6417444 Cum (Cubic Meter)	
Amount					<b>11.6417444 X 7196.16508728</b>		<b>83775.91</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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	2.000	143.000	0.000	0.250	0.000	71.500	-
Total Quantity					71.5 Sft (Square Foot)		6.6425645 Sqm (Square Meter)	
Amount					<b>6.6425645 X 216.23489289764</b>		<b>1436.35</b>	
<b>Total Amount</b>							<b>185745.02</b>	
<b>Addition</b>								
Provision for Contingency (+) @							3754.00	

Display Citizen Board (+) @	500.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>4254.00</b>
<b>Grand Net Total Amount</b>	<b>189999.02</b>

**PRAMOD KUMAR NAYAK**  
**JE**  
**G.Udayagiri Block**

**ASIT KUMAR SETHY**  
**AEE**  
**G.Udayagiri Block**

**Satyanarayan Mishra**  
**BDO**  
**G.Udayagiri Block**