

## Detailed Estimate

**OD/359/3425/118915/415781/00066153 : Construction of road and from Kundasahi Narayan house to Laxman house**  
**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	50.000	0.830	0.750	0.000	62.250	-
ii	Cut off	2.000	86.000	0.830	0.750	0.000	107.070	-
iii	Road	1.000	50.000	7.500	0.500	0.000	187.500	-
iv	Road	1.000	86.000	10.500	0.500	0.000	451.500	-
<b>Total Quantity</b>						808.32 Cft (Cubic Foot)	22.889035776 Cum (Cubic Meter)	
<b>Amount</b>						<b>22.889035776 X 240.77592</b>	<b>5511.13</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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	50.000	7.500	0.330	0.000	123.750	-
ii	Road	1.000	86.000	10.500	0.330	0.000	297.990	-
<b>Total Quantity</b>						421.74 Cft (Cubic Foot)	11.942327232 Cum (Cubic Meter)	
<b>Amount</b>						<b>11.942327232 X 1039.555832</b>	<b>12414.72</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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	50.000	0.750	0.750	0.000	56.250	-
ii	Cut off	2.000	86.000	0.750	0.750	0.000	96.750	-
iii	Road	1.000	50.000	7.500	0.330	0.000	123.750	-
iv	Road	1.000	86.000	10.500	0.330	0.000	297.990	-
Total Quantity					574.74 Cft (Cubic Foot)		16.274797632 Cum (Cubic Meter)	
Amount					16.274797632 X 5410.88768944		88061.10	

#### 4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	50.000	9.000	0.250	0.000	112.500	-
ii	Road	1.000	86.000	12.000	0.250	0.000	258.000	-
Total Quantity					370.5 Cft (Cubic Foot)		10.4913744 Cum (Cubic Meter)	
Amount					10.4913744 X 7255.34098728		76118.50	
<b>Total Amount</b>							<b>182105.45</b>	
<b>Addition</b>								
Provision for Contingency (+) @							1865.00	
Display Citizen Board (+) @							2561.00	
Any Other Lumpsum (+) @								

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>4426.00</b>
<b>Grand Net Total Amount</b>	<b>186531.45</b>

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

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

**Sarata Kumar Mallik**  
**BDO**  
**G.Udayagiri Block**