

## Detailed Estimate

**OD/355/3389/118126/397978/00016319 : Improvement of Road from Arabinda Purnanga Sikhya Kendra to Nuapatna RD road at  
Khairanga  
Block : Jagatsinghpur, Gram Panchayat : Khairanga  
Created By:SANJU KISAN**

<b>1. Earth Work (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift</b>								
Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut Off	2.000	94.000	0.225	0.150	0.000	6.345	-
Total Quantity					6.345 cum (cum)		6.345 Cum (Cubic Meter)	
<b>Amount</b>					<b>6.345 X 179.18208</b>		<b>1136.91</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	Road Base	1.000	94.000	2.550	0.100	0.000	23.970	-
Total Quantity					23.97 cum (cum)		23.97 Cum (Cubic Meter)	
<b>Amount</b>					<b>23.97 X 544.049832</b>		<b>13040.87</b>	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut Off	2.000	94.000	0.225	0.150	0.000	6.345	-
ii	Road Base	1.000	94.000	3.000	0.100	0.000	28.200	-
Total Quantity					34.545 cum (cum)		34.545 Cum (Cubic Meter)	
<b>Amount</b>					<b>34.545 X 6636.99065678</b>		<b>229274.84</b>	

**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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wearing Course	1.000	94.000	3.000	0.100	0.000	28.200	-
Total Quantity					28.2 cum (cum)		28.2 Cum (Cubic Meter)	
<b>Amount</b>					<b>28.2 X 8168.81968886</b>		<b>230360.72</b>	

**5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc**

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	In Cutoff	4.000	94.000	0.000	0.100	0.000	37.600	-
ii	Road Edge	2.000	94.000	0.000	0.200	0.000	37.600	-
Total Quantity					75.2 Sqm (Sqm)		75.2 Sqm (Square Meter)	
<b>Amount</b>					<b>75.2 X 216.23489289764</b>		<b>16260.86</b>	
<b>Total Amount</b>							<b>490074.21</b>	

**Addition**

Provision for Contingency (+) @							4900.74	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							2025.00	
<b>Total Addition</b>							<b>9925.74</b>	
<b>Grand Net Total Amount</b>							<b>499999.95</b>	