

## Detailed Estimate

**OD/358/3416/118757/423578/00077400 : IMPROVEMENT OF ROAD AT DUNGURIPADA NASIGAON**

**Block : Kesinga, Gram Panchayat : Nasigaon**

**Created By: JALESWAR NAIK**

<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	Road	1.000	11.000	8.500	0.150	0.000	14.025	-
ii	Road	1.000	2.000	3.650	0.150	0.000	1.095	-
Total Quantity					15.12 cum (cum)		15.12 Cum (Cubic Meter)	
Amount					15.12 X 240.77592		3640.53	
<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	1.000	11.000	8.500	0.100	0.000	9.350	-
ii	Road	1.000	2.000	3.650	0.100	0.000	0.730	-
Total Quantity					10.08 cum (cum)		10.08 Cum (Cubic Meter)	
Amount					10.08 X 517.527232		5216.67	
<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	Road	1.000	11.000	8.500	0.100	0.000	9.350	-
ii	ROAD	1.000	2.000	3.650	0.100	0.000	0.730	-
Total Quantity					10.08 cum (cum)		10.08 Cum (Cubic Meter)	
Amount					10.08 X 5227.36732816		52691.86	
<b>4. 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	13.000	0.100	0.000	0.000	2.600	-
Total Quantity					2.6 Sqm (Sqm)		2.6 Sqm (Square Meter)	
Amount					2.6 X 216.39264180804		562.62	
<b>5. 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	11.000	8.500	0.050	0.000	4.675	-
ii	Road	1.000	2.000	3.650	0.050	0.000	0.365	-
Total Quantity					5.04 cum (cum)		5.04 Cum (Cubic Meter)	
Amount					5.04 X 6767.91181992		34110.28	
<b>6. Earth Work (AR0114a) : Filling of foundation with escalated earth</b>								
Filling in foundation and plinth with excavated materials in Hard soil / Gravelly soil including watering and ramming as directed by the Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	15.120	0.000	0.000	0.000	15.120	-

Total Quantity	15.12 cum (cum)	15.12 Cum (Cubic Meter)
Amount	15.12 X 133.76408892	2022.51
<b>Total Amount</b>		<b>98244.48</b>
<b>Addition</b>		
Provision for Contingency (+) @		982.44
Display Citizen Board (+) @		773.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>1755.44</b>
<b>Grand Net Total Amount</b>		<b>99999.92</b>

**JALESWAR NAIK**  
**JE**  
**Kesinga Block**

**ANANDA KUMAR MANDAL**  
**AEE**  
**Kesinga Block**

**JANMEJAYA SWAIN**  
**BDO**  
**Kesinga Block**