

## Detailed Estimate

**OD/361/3452/119458/386003/00013835 : Improvement of road from PMJSY to Naik Sahi**  
**Block : Kendujhar Sadar, Gram Panchayat : Kaunrikala**  
**Created By: Manoj Kumar Sahoo**

<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	CUTOFF	2.000	316.000	0.830	0.500	0.000	262.280	-
Total Quantity					262.28 Cft (Cubic Foot)		7.426930304 Cum (Cubic Meter)	
<b>Amount</b>					<b>7.426930304 X 235.56432</b>		<b>1749.52</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	CUTOFF	2.000	316.000	0.830	0.330	0.000	173.105	-
ii	ROAD	1.000	316.000	10.330	0.250	0.000	816.070	-
Total Quantity					989.1748 Cft (Cubic Foot)		28.01026497664 Cum (Cubic Meter)	
<b>Amount</b>					<b>28.01026497664 X 1020.480972</b>		<b>28583.94</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	CUTOFF	2.000	316.000	0.830	0.660	0.000	346.210	-
ii	ROAD	1.000	316.000	10.330	0.330	0.000	1077.210	-

Total Quantity		1423.422 Cft (Cubic Foot)		40.3067560896 Cum (Cubic Meter)				
Amount		40.3067560896 X 5910.93023574		238250.42				
<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	1.000	316.000	12.000	0.250	0.000	948.000	-
Total Quantity		948 Cft (Cubic Foot)		26.8443264 Cum (Cubic Meter)				
Amount		26.8443264 X 7388.81744638		198347.83				
<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	CUTOFF	4.000	316.000	0.000	0.500	0.000	632.000	-
ii	ROAD	2.000	316.000	0.000	0.250	0.000	158.000	-
Total Quantity		790 Sft (Square Foot)		73.39337 Sqm (Square Meter)				
Amount		73.39337 X 215.22489289764		15796.08				
Total Amount		482727.79						
<b>Addition</b>								
Provision for Contingency (+) @		4926.00						
Display Citizen Board (+) @		3000.00						
Any Other Lumpsum (+) @		1946.00						
Total Addition		9872.00						
Grand Net Total Amount		492599.79						