

## Detailed Estimate

**OD/361/3452/119460/386089/00013826 : Maintainance &Improvement of road from Keri patra sahi to M.E. school**  
**Block : Kendujhar Sadar, Gram Panchayat : Maidankel**  
**Created By:Kandarpa Palei**

<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 WALL	2.000	210.000	0.830	0.500	0.000	174.300	-
Total Quantity					174.3 Cft (Cubic Foot)		4.93561824 Cum (Cubic Meter)	
<b>Amount</b>					<b>4.93561824 X 240.77592</b>		<b>1188.38</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 WALL	2.000	210.000	0.830	0.250	0.000	87.150	-
ii	ROAD BASE	1.000	20.000	14.330	0.250	0.000	71.650	-
iii	ROAD BASE	1.000	190.000	10.330	0.250	0.000	490.675	-
Total Quantity					649.475 Cft (Cubic Foot)		18.39105368 Cum (Cubic Meter)	
<b>Amount</b>					<b>18.39105368 X 1053.089832</b>		<b>19367.43</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 WALL	2.000	210.000	0.830	0.750	0.000	261.450	-
ii	ROAD BASE	1.000	20.000	14.330	0.330	0.000	94.578	-
iii	ROAD BASE	1.000	190.000	10.330	0.330	0.000	647.691	-
Total Quantity					1003.719 Cft (Cubic Foot)		28.4221101792 Cum (Cubic Meter)	
Amount					28.4221101792 X 6129.80230796		174221.92	
<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 specifaicon and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD BASE	1.000	20.000	16.000	0.330	0.000	105.600	-
ii	ROAD BASE	1.000	190.000	12.000	0.330	0.000	752.400	-
Total Quantity					858 Cft (Cubic Foot)		24.2958144 Cum (Cubic Meter)	
Amount					24.2958144 X 7623.02737052		185207.66	
<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 WALL	4.000	210.000	0.000	0.500	0.000	420.000	-
ii	ROAD SIDE	2.000	210.000	0.000	0.330	0.000	138.600	-
Total Quantity					558.6 Sft (Square Foot)		51.8956158 Sqm (Square Meter)	
Amount					51.8956158 X 216.23489289764		11221.64	
Total Amount							391207.03	
Addition								

Provision for Contingency (+) @	4000.00
Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	1792.97
<b>Total Addition</b>	<b>8792.97</b>
<b>Grand Net Total Amount</b>	<b>400000.00</b>