

## Detailed Estimate

**OD/350/3342/117096/399790/00017585 : Repair & Restoration of road from Kulasukarapada Mallik sahi road under Kentalo GP.**  
**Block : Nischinta Koili, Gram Panchayat : Kentalo**  
**Created By:Rajesh Kumar Sahu**

<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	Cut off	2.000	23.500	0.200	0.100	0.000	0.940	-
ii	Road	1.000	23.500	2.640	0.100	0.000	6.204	-
Total Quantity					7.144 cum (cum)		7.144 Cum (Cubic Meter)	
<b>Amount</b>					<b>7.144 X 240.77592</b>		<b>1720.10</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	Cut off	2.000	23.500	0.200	0.050	0.000	0.470	-
ii	Road	1.000	23.500	2.640	0.050	0.000	3.102	-
Total Quantity					3.572 cum (cum)		3.572 Cum (Cubic Meter)	
<b>Amount</b>					<b>3.572 X 1086.157232</b>		<b>3879.75</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	23.500	0.200	0.080	0.000	0.752	-
ii	Road	1.000	23.500	3.050	0.100	0.000	7.168	-

Total Quantity		7.9195 cum (cum)		7.9195 Cum (Cubic Meter)				
Amount		7.9195 X 6214.82012856		49218.27				
<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	1.000	23.500	3.050	0.070	0.000	5.017	-
Total Quantity		5.01725 cum (cum)		5.01725 Cum (Cubic Meter)				
Amount		5.01725 X 7734.89337472		38807.89				
<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	Road side	2.000	23.500	1.000	0.200	0.000	9.400	-
Total Quantity		9.4 Sqm (Sqm)		9.4 Sqm (Square Meter)				
Amount		9.4 X 216.23489289764		2032.61				
Total Amount		95658.63						
<b>Addition</b>								
Provision for Contingency (+) @		956.59						
Display Citizen Board (+) @		3384.70						
Any Other Lumpsum (+) @								
Total Addition		4341.29						
Grand Net Total Amount		99999.91						