

## Detailed Estimate

**OD/364/3484/120004/430337/00015651 : Improvement Of Road From Main Road To Madakaguda Street Of Champakhari**  
**Block : Malkangiri, Panchayat : Sindrimal**  
**Created By:Er. BIBHUTI BHUSAN ROUT**

<b>1. Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift</b>								
Earth work in hard soil or gravelly soil 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	35.000	0.230	0.250	0.000	4.025	-
Total Quantity					4.025 cum (cum)		4.025 Cum (Cubic Meter)	
<b>Amount</b>					<b>4.025 X 196.3036</b>		<b>790.12</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	Sand filling	2.000	35.000	0.230	0.050	0.000	0.805	-
ii	Base	1.000	35.000	2.540	0.100	0.000	8.890	-
Total Quantity					9.695 cum (cum)		9.695 Cum (Cubic Meter)	
<b>Amount</b>					<b>9.695 X 580.009872</b>		<b>5623.20</b>	
<b>3. Concrete (AR0309a) : Cement Concrete (1:3:6) with 12mm size hard broken granite Hand Broken chips</b>								
Cement Concrete (1:3:6) with 12mm size hard granite (Hand Broken) chips 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 as per specifaicaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	35.000	0.230	0.350	0.000	5.635	-
ii	Base	1.000	35.000	2.540	0.100	0.000	8.890	-
Total Quantity					14.525 cum (cum)		14.525 Cum (Cubic Meter)	
<b>Amount</b>					<b>14.525 X 6166.9744227</b>		<b>89575.30</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	W C	1.000	35.000	3.000	0.100	0.000	10.500	-
Total Quantity					10.5 cum (cum)		10.5 Cum (Cubic Meter)	
<b>Amount</b>					<b>10.5 X 7374.38399694</b>		<b>77431.03</b>	

**5. Road Work (AR1307) : Supplying & spreading moorum and consolidation with HRR**

Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Flank	2.000	35.000	1.000	0.200	0.000	14.000	-
Total Quantity					14 cum (cum)		14 Cum (Cubic Meter)	
<b>Amount</b>					<b>14 X 1146.2966148975</b>		<b>16048.15</b>	
<b>Total Amount</b>							<b>189467.81</b>	

**Addition**

Provision for Contingency (+) @							1894.68	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							5637.00	
<b>Total Addition</b>							<b>10531.68</b>	
<b>Grand Net Total Amount</b>							<b>199999.48</b>	