

## Detailed Estimate

**OD/354/3378/275070/412607/00017514 : IMPROVEMENT OF ROAD WITH CC/GR-II METALING FROM MAIN ROAD TO HANUMAN MANDIR NEAR TOWER AT LOCHAPADA**  
**Block : Kukudakhandi, Gram Panchayat : Lochapada**  
**Created By:PADMINI BEHERA**

<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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	12.190	0.230	0.230	1.000	0.645	-
Total Quantity					0.644851 cum (cum)		0.644851 Cum (Cubic Meter)	
Amount					0.644851 X 240.77592		155.26	
<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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	12.190	0.600	0.100	1.000	0.731	-
ii		1.000	12.190	0.230	0.100	1.000	0.280	-
Total Quantity					1.01177 cum (cum)		1.01177 Cum (Cubic Meter)	
Amount					1.01177 X 804.488432		813.96	
<b>3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	12.190	0.600	0.100	1.000	0.731	-

ii		1.000	12.190	3.050	0.100	0.000	3.718	-
iii		2.000	12.190	0.230	0.330	0.000	1.850	-
Total Quantity					6.299792 cum (cum)		6.299792 Cum (Cubic Meter)	
Amount					6.299792 X 5373.9339468		33854.67	
<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		4.000	12.190	0.175	0.000	1.000	8.533	-
Total Quantity					8.533 Sqm (Sqm)		8.533 Sqm (Square Meter)	
Amount					8.533 X 216.23489289764		1845.13	
<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	4.570	3.810	0.075	1.000	1.306	-
ii		1.000	25.900	3.650	0.096	1.000	9.075	-
iii		1.000	11.580	4.260	0.075	1.000	3.700	-
iv		1.000	15.540	3.850	0.075	1.000	4.487	-
v		1.000	12.190	0.600	0.075	1.000	0.549	-
vi		1.000	12.190	3.650	0.075	1.000	3.337	-
Total Quantity					22.453785 cum (cum)		22.453785 Cum (Cubic Meter)	

<b>Amount</b>	22.453785 X 7143.7167286	160403.48
<b>Total Amount</b>		197072.50
<b>Addition</b>		
Provision for Contingency (+) @		2000.00
Display Citizen Board (+) @		927.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>2927.00</b>
<b>Grand Net Total Amount</b>		<b>199999.50</b>

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