

## Detailed Estimate

**OD/358/3417/118774/424063/00065349 : Improvement of Galli Rod at Gambhariguda**

**Block : Kokasara, Gram Panchayat : Gambhariguda**

**Created By:Kirti Ranjan 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road bed	1.000	26.000	3.600	0.100	0.000	9.360	-
ii	road bed	1.000	26.000	2.700	0.100	0.000	7.020	-
iii	cut-off	2.000	52.000	0.250	0.200	0.000	5.200	-
Total Quantity					21.58 cum (cum)		21.58 Cum (Cubic Meter)	
Amount					21.58 X 240.77592		5195.94	
<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	52.000	3.600	0.100	0.000	37.440	-
ii	bed	1.000	26.000	3.600	0.100	0.000	9.360	-
iii	bed	1.000	26.000	2.700	0.100	0.000	7.020	-
Total Quantity					53.82 cum (cum)		53.82 Cum (Cubic Meter)	
Amount					53.82 X 585.045732		31487.16	
<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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	2.000	52.000	0.250	0.150	0.000	3.900	-
ii	bed	1.000	26.000	3.600	0.100	0.000	9.360	-
iii	bed	1.000	26.000	2.700	0.100	0.000	7.020	-
Total Quantity					20.28 cum (cum)		20.28 Cum (Cubic Meter)	
Amount					20.28 X 5399.9019558		109510.01	

**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 specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road bed	1.000	26.000	3.600	0.080	0.000	7.488	-
ii	bed	1.000	26.000	2.700	0.080	0.000	5.616	-
Total Quantity					13.104 cum (cum)		13.104 Cum (Cubic Meter)	
Amount					13.104 X 6936.9177136		90901.37	

**5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc**

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	side	2.000	52.000	0.000	0.300	0.000	31.200	-
Total Quantity					31.2 Sqm (Sqm)		31.2 Sqm (Square Meter)	
Amount					31.2 X 216.39264180804		6751.45	

<b>Total Amount</b>	<b>243845.94</b>
<b>Addition</b>	
Provision for Contingency (+) @	2500.00
Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	654.00
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>6154.00</b>
<b>Grand Net Total Amount</b>	<b>249999.94</b>

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**AEE**  
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**BDO**  
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