

## Detailed Estimate

**OD/359/3432/119001/415792/00070764 : Improvement of Road at Gudrinaju**

**Block : Tikabali, Gram Panchayat : Gadaguda**

**Created By: PRADEEP KUMAR PRADHAN**

<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	Foundn	1.000	35.000	3.500	3.500	0.000	428.750	-
ii	Road	1.000	100.000	8.750	0.667	0.000	583.625	-
<b>Total Quantity</b>					1012.375 Cft (Cubic Foot)		28.6672204 Cum (Cubic Meter)	
<b>Amount</b>					<b>28.6672204 X 240.77592</b>		<b>6902.38</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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Foundn	1.000	35.000	3.500	0.500	0.000	61.250	-
ii	Road	1.000	100.000	8.750	0.333	0.000	291.375	-
iii	Road	1.000	90.000	11.000	0.333	0.000	329.670	-
iv	Road	1.000	100.000	7.500	0.333	0.000	249.750	-
<b>Total Quantity</b>					932.045 Cft (Cubic Foot)		26.392531856 Cum (Cubic Meter)	
<b>Amount</b>					<b>26.392531856 X 639.898832</b>		<b>16888.55</b>	
<b>3. 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	Wall	1.000	35.000	2.000	6.500	0.000	455.000	-
ii	Wall	1.000	100.000	1.000	0.167	0.000	16.700	-
Total Quantity							471.7 Sft (Square Foot)	43.8223451 Sqm (Square Meter)
Amount							43.8223451 X 216.23489289764	9475.92

#### 4. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Foundn	1.000	35.000	3.500	0.500	0.000	61.250	-
ii	Foundn	1.000	35.000	2.500	6.500	0.000	568.750	-
iii	Road	1.000	100.000	8.750	0.333	0.000	291.375	-
iv	Road	1.000	90.000	11.000	0.333	0.000	329.670	-
v	Road	1.000	100.000	7.500	0.333	0.000	249.750	-
Total Quantity							1500.795 Cft (Cubic Foot)	42.497711856 Cum (Cubic Meter)
Amount							42.497711856 X 5180.07440944	220141.31

#### 5. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	100.000	8.750	0.250	0.000	218.750	-
ii	Road	1.000	90.000	11.000	0.291	0.000	288.090	-

iii	Road	1.000	100.000	7.500	0.333	0.000	249.750	-
iv	Wall	1.000	35.000	1.500	0.167	0.000	8.768	-
v	Wall	1.000	100.000	1.500	0.167	0.000	25.050	-
Total Quantity					790.4075 Cft (Cubic Foot)		22.381811096 Cum (Cubic Meter)	
Amount					22.381811096 X 6920.60173728		154895.60	

**Total Amount (A) : 408303.76**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.4147	-	4147
2	Display Citizen Board @ Rs.2249.24	-	2249.24
<b>Additional Components Amount (F) : 6396.24</b>			

**Grand Total Amount (A + F) : 414699.99717252**

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