

## Detailed Estimate

**OD/345/3293/115938/420526/00071839 : IMP OF ROAD AT GADIJORE**

**Block : Patnagarh, Gram Panchayat : Dangbahal**

**Created By:UMAKANTA BARIHA**

<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	105.000	0.230	0.230	0.000	11.109	-
Total Quantity					11.109 cum (cum)		11.109 Cum (Cubic Meter)	
Amount					11.109 X 240.77592		2674.78	
<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	105.000	0.230	0.075	0.000	3.623	-
ii	Road	1.000	105.000	3.190	0.100	0.000	33.495	-
Total Quantity					37.1175 cum (cum)		37.1175 Cum (Cubic Meter)	
Amount					37.1175 X 518.537232		19246.81	
<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	CVut off	2.000	105.000	0.230	0.230	0.000	11.109	-

ii	Road	1.000	105.000	3.190	0.100	0.000	33.495	-
Total Quantity					44.604 cum (cum)		44.604 Cum (Cubic Meter)	
Amount					44.604 X 5464.74124496		243749.32	
<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	inside	2.000	105.000	0.000	0.175	0.000	36.750	-
ii	Out side	2.000	105.000	0.000	0.250	0.000	52.500	-
Total Quantity					89.25 Sqm (Sqm)		89.25 Sqm (Square Meter)	
Amount					89.25 X 216.23489289764		19298.96	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	105.000	3.650	0.075	0.000	28.744	-
Total Quantity					28.74375 cum (cum)		28.74375 Cum (Cubic Meter)	
Amount					28.74375 X 6931.67378552		199242.30	
<b>Total Amount</b>							<b>484212.17</b>	
<b>Addition</b>								
Provision for Contingency (+) @							4842.12	
Display Citizen Board (+) @							5000.00	

Any Other Lumpsum (+) @	5900.00
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>15742.12</b>
<b>Grand Net Total Amount</b>	<b>499954.29</b>

**UMAKANTA BARIHA**  
**JE**  
**Patnagarh Block**

**Tankishor Naik**  
**AEE**  
**Patnagarh Block**

**Suman Minj**  
**BDO**  
**Patnagarh Block**