

## Detailed Estimate

**OD/371/3565/121409/382373/00065466 : Construction CC Road at Gadakhol Village Road**

**Block : Rairakhol, Gram Panchayat : Tribanpur**

**Created By:Kamal Prasad Rathore**

<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	1.000	6.610	0.150	0.200	0.000	0.198	-	
ii	road base	1.000	15.380	4.610	0.100	0.000	7.090	-	
iii		1.000	14.800	5.300	0.075	0.000	5.883	-	
iv		1.000	8.300	6.600	0.100	0.000	5.478	-	
v		1.000	7.700	6.150	0.150	0.000	7.103	-	
vi	cut off	2.000	44.000	0.150	0.150	0.000	1.980	-	
vii	gully	1.000	8.900	2.700	0.150	0.000	3.605	-	
<b>Total Quantity</b>					<b>31.33723 cum (cum)</b>		<b>31.33723 Cum (Cubic Meter)</b>		
<b>Amount</b>					<b>31.33723 X 240.77592</b>		<b>7545.25</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	road base	1.000	15.380	4.610	0.100	0.000	7.090	-	
ii		1.000	14.800	5.300	0.075	0.000	5.883	-	
iii		1.000	8.300	6.600	0.100	0.000	5.478	-	

iv		1.000	7.700	6.150	0.100	0.000	4.736	-
Total Quantity					23.18668 cum (cum)		23.18668 Cum (Cubic Meter)	
Amount					23.18668 X 476.834332		11056.21	
<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	gully road	1.000	8.900	2.700	0.100	0.000	2.403	-
ii	main road	1.000	15.380	4.610	0.100	0.000	7.090	-
iii		1.000	14.800	5.300	0.075	0.000	5.883	-
iv		1.000	8.300	6.600	0.075	0.000	4.109	-
v		1.000	7.700	6.150	0.100	0.000	4.736	-
Total Quantity					24.22018 cum (cum)		24.22018 Cum (Cubic Meter)	
Amount					24.22018 X 5335.7115573		129231.89	
<b>4. 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 specifaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road top	1.000	8.900	2.700	0.075	0.000	1.802	-
ii	cut off	1.000	6.610	0.150	0.150	0.000	0.149	-
iii		2.000	44.000	0.150	0.100	0.000	1.320	-
iv	road top	1.000	15.380	4.610	0.075	0.000	5.318	-

v		1.000	14.800	5.300	0.075	0.000	5.883	-
vi		1.000	6.600	8.300	0.050	0.000	2.739	-
vii		1.000	7.700	6.150	0.075	0.000	3.552	-
Total Quantity					20.762235 cum (cum)		20.762235 Cum (Cubic Meter)	
Amount					20.762235 X 6873.3857341		142706.85	
<b>5. 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	cut off	1.000	6.610	0.000	0.200	0.000	1.322	-
ii		2.000	44.000	0.000	0.150	0.000	13.200	-
Total Quantity					14.522 Sqm (Sqm)		14.522 Sqm (Square Meter)	
Amount					14.522 X 216.55039071844		3144.74	
<b>Total Amount</b>							<b>293684.94</b>	
<b>Addition</b>								
Provision for Contingency (+) @							1468.42	
Display Citizen Board (+) @							2500.00	
Any Other Lumpsum (+) @							1950.00	
Provision for survey investigation and quality control (+) @								
<b>Total Addition</b>							<b>5918.42</b>	
<b>Grand Net Total Amount</b>							<b>299603.37</b>	

**Kamal Prasad Rathore**  
**JE**  
**Rairakhol Block**

**Supriya Biswal**  
**AEE**  
**Rairakhol Block**

**Rajendra Senapati**  
**BDO**  
**Rairakhol Block**