

## Detailed Estimate

**OD/356/3401/118461/400741/00071720 : REPAIR AND RESTORATION OF THE ROAD FROM RD ROAD TO SIMILAI**

**TAKURANI,KOGAN,GP-TULATI**

**Block : Korei, Gram Panchayat : Tulati**

**Created By:Ajit Senapati**

<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	CUTT-OFF WALL	2.000	31.500	0.250	0.150	0.000	2.363	-
Total Quantity					2.3625 cum (cum)		2.3625 Cum (Cubic Meter)	
Amount					2.3625 X 240.77592		568.83	
<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	CUTT-OFF WALL	2.000	31.500	0.250	0.100	0.000	1.575	-
ii	ROAD	1.000	31.500	2.500	0.100	0.000	7.875	-
Total Quantity					9.45 cum (cum)		9.45 Cum (Cubic Meter)	
Amount					9.45 X 817.598232		7726.30	
<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	CUTT-OFF WALL	2.000	31.500	0.225	0.250	0.000	3.544	-
ii	ROAD	1.000	31.500	2.500	0.100	0.000	7.875	-
Total Quantity					11.41875 cum (cum)		11.41875 Cum (Cubic Meter)	
Amount					11.41875 X 6067.89983216		69287.83	

#### 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	1.000	31.500	3.000	0.100	0.000	9.450	-
Total Quantity					9.45 cum (cum)		9.45 Cum (Cubic Meter)	
Amount					9.45 X 7560.15359792		71443.45	

#### 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	CUTT-OFF WALL	4.000	31.500	0.000	0.250	0.000	31.500	-
ii	ROAD	2.000	31.500	0.000	0.100	0.000	6.300	-
iii	ROAD	6.000	0.000	3.000	0.100	0.000	1.800	-
Total Quantity					39.6 Sqm (Sqm)		39.6 Sqm (Square Meter)	
Amount					39.6 X 216.23489289764		8562.90	
Total Amount							157589.32	

<b>Addition</b>	
Provision for Contingency (+) @	1600.00
Display Citizen Board (+) @	800.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>2400.00</b>
<b>Grand Net Total Amount</b>	<b>159989.32</b>

**Ajit Senapati**  
**JE**  
**Korei Block**

**SWAGAT KUMAR DASH**  
**AEE**  
**Korei Block**

**Abanikanta Sahoo**  
**BDO**  
**Korei Block**