

## Detailed Estimate

OD/346/3309/116319/393715/00126387 : Repair and restoration of road from RD road to sahu sahi

Block : Soro, Gram Panchayat : Mahumuhan

Created By:Chandra Sekhar Mohapatra

### 1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift

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	c/o	2.000	18.900	0.750	0.500	0.000	14.175	-
Total Quantity						14.175 Cft (Cubic Foot)	0.40139064 Cum (Cubic Meter)	
Amount						0.40139064 X 245.98752	98.74	

### 2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed

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	C/O	2.000	18.900	0.750	0.330	0.000	9.356	-
ii	Road bed	1.000	18.900	8.500	0.330	0.000	53.015	-
Total Quantity						62.37 Cft (Cubic Foot)	1.766118816 Cum (Cubic Meter)	
Amount						1.766118816 X 1448.783592	2558.72	

### 3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

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	C/O	2.000	18.900	0.750	0.500	0.000	14.175	-
ii	Road fdn	1.000	18.900	10.000	0.330	0.000	62.370	-

Total Quantity	76.545 Cft (Cubic Foot)	2.167509456 Cum (Cubic Meter)
Amount	2.167509456 X 5947.65520126	12891.60

#### 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 specification and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	wearing coat	1.000	18.900	10.000	0.250	0.000	47.250	-
Total Quantity					47.25 Cft (Cubic Foot)		1.3379688 Cum (Cubic Meter)	
Amount					1.3379688 X 7417.55287962		9924.45	

#### 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	C/o	2.000	18.900	2.000	0.330	0.000	24.948	-
ii	Road	1.000	18.900	2.000	0.580	0.000	21.924	-
Total Quantity					46.872 Sft (Square Foot)		4.354549416 Sqm (Square Meter)	
Amount					4.354549416 X 217.24489289764		946.00	

**Total Amount (A) : 26419.52**

#### Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.270	-	270
2	Display Citizen Board @ Rs.310.48	-	310.48

**Additional Components Amount (F) : 580.48**

**Grand Total Amount (A + F) : 26999.997886765**

**Chandra Sekhar Mohapatra**  
**JE**  
**Soro Block**

**Nirmala Kanta Parida**  
**AEE**  
**Soro Block**

**SUBRAT KUMAR BEHERA**  
**BDO**  
**Soro Block**