

## Detailed Estimate

**OD/346/3309/116319/393707/00064167 : Repair and Restoration of road from RD road to Jena Sahi**

**Block : Soro, Gram Panchayat : Mahumuhan**

**Created By:Chandra Sekhar Mohapatra**

<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	cut off	2.000	15.000	0.750	0.500	0.000	11.250	-
Total Quantity						11.25 Cft (Cubic Foot)	0.318564 Cum (Cubic Meter)	
Amount						0.318564 X 240.77592	76.70	
<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	cut off	2.000	15.000	0.750	0.330	0.000	7.425	-
ii	Road bed	1.000	15.000	8.500	0.330	0.000	42.075	-
Total Quantity						49.5 Cft (Cubic Foot)	1.4016816 Cum (Cubic Meter)	
Amount						1.4016816 X 1493.995232	2094.11	
<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	cut off wall	2.000	15.000	0.750	0.500	0.000	11.250	-
ii	road foundation	1.000	15.000	10.000	0.330	0.000	49.500	-
Total Quantity					60.75 Cft (Cubic Foot)		1.7202456 Cum (Cubic Meter)	
Amount					1.7202456 X 5862.80999774		10085.47	

#### 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	wearing coat of road	1.000	15.000	10.000	0.250	0.000	37.500	-
Total Quantity					37.5 Cft (Cubic Foot)		1.06188 Cum (Cubic Meter)	
Amount					1.06188 X 7292.12762138		7743.36	

#### 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	cut off wall	2.000	15.000	2.000	0.330	0.000	19.800	-
ii	road sides	1.000	15.000	2.000	0.580	0.000	17.400	-
Total Quantity					37.2 Sft (Square Foot)		3.4559916 Sqm (Square Meter)	
Amount					3.4559916 X 216.23489289764		747.31	
Total Amount							20746.95	
Addition								

Provision for Contingency (+) @	207.47
Display Citizen Board (+) @	45.57
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>253.04</b>
<b>Grand Net Total Amount</b>	<b>20999.99</b>

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

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

**Satyanath Naik**  
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