

## Detailed Estimate

**OD/352/3350/117275/403263/00063512 : Improvement of Road with CC / Grade-II metelaying from Nagiapasi Sabar**

**Sahi via Tippa Nalla**

**Block : Dhenkanal Sadar, Gram Panchayat : Nagiapasi**

**Created By: RASMITA MANJARI PRADHAN**

<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	175.000	0.225	0.075	0.000	5.906	-
Total Quantity					5.90625 cum (cum)		5.90625 Cum (Cubic Meter)	
Amount					5.90625 X 240.77592		1422.08	
<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	wall	2.000	175.000	0.225	0.075	0.000	5.906	-
ii	road	1.000	175.000	3.200	0.075	0.000	42.000	-
Total Quantity					47.90625 cum (cum)		47.90625 Cum (Cubic Meter)	
Amount					47.90625 X 823.304732		39441.44	
<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	wall	2.000	175.000	0.225	0.150	0.000	11.813	-

ii	road	1.000	175.000	3.200	0.075	0.000	42.000	-
Total Quantity					53.8125 cum (cum)		53.8125 Cum (Cubic Meter)	
Amount					53.8125 X 5304.50208866		285448.52	
<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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	4.000	175.000	0.000	0.150	0.000	105.000	-
Total Quantity					105 Sqm (Sqm)		105 Sqm (Square Meter)	
Amount					105 X 216.39264180804		22721.23	
<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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	175.000	3.650	0.074	0.000	47.140	-
Total Quantity					47.13975 cum (cum)		47.13975 Cum (Cubic Meter)	
Amount					47.13975 X 7081.14832142		333803.56	
<b>Total Amount</b>							<b>682836.83</b>	
<b>Addition</b>								
Provision for Contingency (+) @							7000.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							6500.00	

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>16500.00</b>
<b>Grand Net Total Amount</b>	<b>699336.83</b>

**RASMITA MANJARI PRADHAN**  
**JE**  
**Dhenkanal Sadar Block**

**Lipika Moharana**  
**AEE**  
**Dhenkanal Sadar Block**

**Rahul Mandal**  
**BDO**  
**Dhenkanal Sadar Block**