

## Detailed Estimate

**OD/365/3506/120337/389150/00063178 : Improvement of C.C. road from PWD road to Bark Sahi at Mahulia GP**  
**Block : Samakhunta, Gram Panchayat : Mahulia**  
**Created By: PRASANTA KUMAR 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	28.500	0.250	0.200	0.000	2.850	-
Total Quantity					2.85 cum (cum)		2.85 Cum (Cubic Meter)	
Amount					2.85 X 240.77592		686.21	
<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	Cutoff	2.000	28.500	0.250	0.050	0.000	0.713	-
ii	Road bed	1.000	28.500	2.550	0.050	0.000	3.634	-
Total Quantity					4.34625 cum (cum)		4.34625 Cum (Cubic Meter)	
Amount					4.34625 X 1096.832932		4767.11	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	28.500	0.250	0.200	0.000	2.850	-

ii	Road	1.000	28.500	3.050	0.100	0.000	8.693	-
Total Quantity					11.5425 cum (cum)		11.5425 Cum (Cubic Meter)	
Amount					11.5425 X 6311.4192192		72849.56	
<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	28.500	0.000	0.050	0.000	2.850	-
ii	Road	1.000	28.500	0.000	0.190	0.000	5.415	-
Total Quantity					8.265 Sqm (Sqm)		8.265 Sqm (Square Meter)	
Amount					8.265 X 216.23489289764		1787.18	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	28.500	3.050	0.090	0.000	7.823	-
Total Quantity					7.82325 cum (cum)		7.82325 Cum (Cubic Meter)	
Amount					7.82325 X 7836.0394894		61303.30	
<b>Total Amount</b>							<b>141393.36</b>	
<b>Addition</b>								
Provision for Contingency (+) @							1413.93	
Display Citizen Board (+) @							3000.00	

Any Other Lumpsum (+) @	1192.50
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>5606.43</b>
<b>Grand Net Total Amount</b>	<b>146999.79</b>

**PRASANTA KUMAR PRADHAN**  
**JE**  
**Samakhunta Block**

**SUVENDU NAIK**  
**AEE**  
**Samakhunta Block**

**MUNA SETHI**  
**BDO**  
**Samakhunta Block**