

## Detailed Estimate

**OD/370/3553/121194/426505/00073882 : Construction of CC Road from Kilani to Wardha**  
**Block : Kolnara, Gram Panchayat : Bhoimada**  
**Created By:GOURISHYAM NAIK**

<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	road levelling	1.000	58.000	3.000	0.200	0.000	34.800	-
ii	Cutt off	2.000	58.000	0.225	0.225	0.000	5.873	-
iii	cut off	2.000	2.550	0.225	0.225	0.000	0.258	-
Total Quantity					40.9306875 cum (cum)		40.9306875 Cum (Cubic Meter)	
Amount					40.9306875 X 240.77592		9855.12	
<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	2.000	58.000	0.225	0.100	0.000	2.610	-
ii	Cutt off	2.000	2.550	0.225	0.100	0.000	0.115	-
iii	Road base	1.000	58.000	2.550	0.100	0.000	14.790	-
Total Quantity					17.51475 cum (cum)		17.51475 Cum (Cubic Meter)	
Amount					17.51475 X 957.382232		16768.31	
<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	2.000	58.000	0.225	0.225	0.000	5.873	-
ii	cutt off	2.000	2.550	0.225	0.225	0.000	0.258	-
iii	road	1.000	58.000	3.000	0.100	0.000	17.400	-
Total Quantity					23.5306875 cum (cum)		23.5306875 Cum (Cubic Meter)	
Amount					23.5306875 X 5669.36744292		133404.11	

**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 base	1.000	58.000	3.000	0.100	0.000	17.400	-
Total Quantity					17.4 cum (cum)		17.4 Cum (Cubic Meter)	
Amount					17.4 X 7233.94785004		125870.69	

**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	Road side	2.000	58.000	0.200	0.000	0.000	23.200	-
ii	Road side	2.000	3.000	0.200	0.000	0.000	1.200	-
Total Quantity					24.4 Sqm (Sqm)		24.4 Sqm (Square Meter)	

<b>Amount</b>	24.4 X 216.23489289764	5276.13
<b>Total Amount</b>		291174.37
<b>Addition</b>		
Provision for Contingency (+) @		2911.74
Display Citizen Board (+) @		5913.88
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>8825.62</b>
<b>Grand Net Total Amount</b>		<b>300000.00</b>

**GOURISHYAM NAIK**  
**JE**  
**Kolnara Block**

**SUBRAMANIAM PANDA**  
**AEE**  
**Kolnara Block**

**SMT REENA PRADHAN**  
**BDO**  
**Kolnara Block**