

## Detailed Estimate

**OD/370/3553/121194/426449/00063450 : Improvement of road with CC /Gr-II Metalling from Sindhubai to Parladi,  
Bhoimada GP**

**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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Levelling	1.000	37.000	3.650	0.150	0.000	20.258	-
ii	cutt off	2.000	37.000	0.230	0.230	0.000	3.915	-
iii	Cutt off	2.000	3.190	0.230	0.230	0.000	0.338	-
Total Quantity					24.509602 cum (cum)		24.509602 Cum (Cubic Meter)	
Amount					24.509602 X 240.77592		5901.32	
<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	Road base	1.000	37.000	3.190	0.100	0.000	11.803	-
ii	cutt off	2.000	37.000	0.230	0.100	0.000	1.702	-
iii	Cutt off	2.000	3.190	0.230	0.100	0.000	0.147	-
Total Quantity					13.65174 cum (cum)		13.65174 Cum (Cubic Meter)	
Amount					13.65174 X 891.631232		12172.32	
<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	37.000	0.230	0.230	0.000	3.915	-
ii	Cutt off	2.000	3.190	0.230	0.230	0.000	0.338	-
iii	Road base	1.000	37.000	3.650	0.100	0.000	13.505	-
Total Quantity					17.757102 cum (cum)		17.757102 Cum (Cubic Meter)	
Amount					17.757102 X 5405.53391174		95986.62	

**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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road base	1.000	37.000	3.650	0.070	0.000	9.454	-
Total Quantity					9.4535 cum (cum)		9.4535 Cum (Cubic Meter)	
Amount					9.4535 X 6906.59829938		65291.53	

**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	37.000	0.200	0.000	0.000	14.800	-
ii	Road side	2.000	3.190	0.200	0.000	0.000	1.276	-
Total Quantity					16.076 Sqm (Sqm)		16.076 Sqm (Square Meter)	

<b>Amount</b>	<b>16.076 X 216.23489289764</b>	<b>3476.19</b>
<b>Total Amount</b>		<b>182827.98</b>
<b>Addition</b>		
Provision for Contingency (+) @		1828.28
Display Citizen Board (+) @		1875.74
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>3704.02</b>
<b>Grand Net Total Amount</b>		<b>186532.00</b>

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

**SAMEER KUMAR RATHA**  
**AEE**  
**Kolnara Block**

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