

## Detailed Estimate

**OD/370/3553/121194/426416/00063485 : Repair & Maintenance of road from Jhankiri to Bhoimada**  
**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 bed	1.000	15.900	8.000	0.150	0.000	19.080	-
ii		1.000	10.000	6.650	0.150	0.000	9.975	-
iii		1.000	4.900	4.300	0.150	0.000	3.161	-
Total Quantity					32.2155 cum (cum)		32.2155 Cum (Cubic Meter)	
Amount					32.2155 X 240.77592		7756.72	
<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	15.900	8.000	0.050	0.000	6.360	-
ii		1.000	10.000	6.650	0.050	0.000	3.325	-
iii		1.000	4.900	4.300	0.050	0.000	1.054	-
iv		1.000	3.100	1.400	0.050	0.000	0.217	-
Total Quantity					10.9555 cum (cum)		10.9555 Cum (Cubic Meter)	
Amount					10.9555 X 825.880232		9047.93	
<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	Road base	1.000	15.900	8.000	0.100	0.000	12.720	-
ii		1.000	10.000	6.650	0.100	0.000	6.650	-
iii		1.000	4.900	4.300	0.100	0.000	2.107	-
iv		1.000	3.100	1.400	0.100	0.000	0.434	-
Total Quantity					21.911 cum (cum)		21.911 Cum (Cubic Meter)	
Amount					21.911 X 5297.10228124		116064.81	

**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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road base	1.000	15.900	8.000	0.100	0.000	12.720	-
ii		1.000	10.000	6.650	0.100	0.000	6.650	-
iii		1.000	4.900	4.300	0.100	0.000	2.107	-
iv		1.000	3.100	1.400	0.100	0.000	0.434	-
Total Quantity					21.911 cum (cum)		21.911 Cum (Cubic Meter)	
Amount					21.911 X 6798.44007588		148960.62	

**Total Amount** 281830.08

**Addition**

Provision for Contingency (+) @ 2818.30

Display Citizen Board (+) @ 1134.62

Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>3952.92</b>
<b>Grand Net Total Amount</b>	<b>285783.00</b>

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