

## Detailed Estimate

**OD/346/3302/116147/391850/00113733 : REPAIR & MAINTENANCE OF ROAD FROM PMGY ROAD TO CHANDI  
MANDIR AT VILLAGE BAGDA**

**Block : Bhograi, Gram Panchayat : Dahunda**

**Created By: SOUMITA MOHANTY**

<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	Base	1.000	50.000	45.000	0.250	0.000	562.500	-
Total Quantity					562.5 Cft (Cubic Foot)		15.9282 Cum (Cubic Meter)	
Amount					15.9282 X 240.77592		3835.13	
<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	Base	1.000	50.000	45.000	0.250	0.000	562.500	-
Total Quantity					562.5 Cft (Cubic Foot)		15.9282 Cum (Cubic Meter)	
Amount					15.9282 X 1005.761232		16019.97	
<b>3. 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	L.Wall	2.000	50.000	0.000	0.500	0.000	50.000	-
ii	S.Wall	2.000	45.000	0.000	0.500	0.000	45.000	-
Total Quantity					95 Sft (Square Foot)		8.825785 Sqm (Square Meter)	

<b>Amount</b>	<b>8.825785 X 216.23489289764</b>	<b>1908.44</b>
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#### 4. R.C.C. Work (AR0401) : R.C.C work

'Reinforced cement concrete (1:2:4) work with 12mm size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (To be used for minor repair work only)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	L.Wall	2.000	50.000	0.500	0.500	0.000	25.000	-
ii	S.Wall	2.000	45.000	0.500	0.500	0.000	22.500	-
Total Quantity					47.5 Cft (Cubic Foot)		1.345048 Cum (Cubic Meter)	
<b>Amount</b>					<b>1.345048 X 8339.76367962</b>		<b>11217.38</b>	

#### 5. miscellaneous (ARM286) : Supplying and fixing of 60mm thick cement concrete interlocking paver block of M-30 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC

Supplying and fixing of 60mm thick cement concrete interlocking paver block of M-30 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Base	1.000	50.000	43.000	0.000	0.000	2150.000	-
Total Quantity					2150 Sft (Square Foot)		199.74145 Sqm (Square Meter)	
<b>Amount</b>					<b>199.74145 X 532.215</b>		<b>106305.40</b>	

**Total Amount (A) : 139286.31**

#### Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.1000	-	1000
2	Display Citizen Board @ Rs.2500	-	2500
3	Any Other Lumpsum @ Rs.1000	Vibrator Charges	1000

**Additional Components Amount (F) : 4500**

**Grand Total Amount (A + F) : 143786.31400819**

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**PRAMOD KUMAR BEHERA  
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Bhograi Block**

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