

## Detailed Estimate

**OD/346/3302/116162/391820/00110994 : CONSTRUCTION OF CC ROAD FROM NM PADIA KHAKAN MATI JHIL TO  
DAXIN PATHARA BANDHA**

**Block : Bhograi, Gram Panchayat : N.M.Padia**

**Created By: SARADA PRASANNA MOHANTY**

<b>1. Earth Work (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift</b>								
Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road bed cutting	1.000	100.000	8.000	0.330	0.000	264.000	-
ii		1.000	100.000	8.000	0.330	0.000	264.000	-
iii		1.000	28.000	8.000	0.330	0.000	73.920	-
<b>Total Quantity</b>						601.92 Cft (Cubic Foot)	17.044448256 Cum (Cubic Meter)	
<b>Amount</b>						<b>17.044448256 X 179.18208</b>	<b>3054.06</b>	
<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	Road Bed Filling	1.000	100.000	8.000	0.330	0.000	264.000	-
ii		1.000	100.000	8.000	0.330	0.000	264.000	-
iii		1.000	28.000	8.000	0.330	0.000	73.920	-
<b>Total Quantity</b>						601.92 Cft (Cubic Foot)	17.044448256 Cum (Cubic Meter)	
<b>Amount</b>						<b>17.044448256 X 1463.897232</b>	<b>24951.32</b>	
<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	Road fdn	1.000	100.000	8.000	0.330	0.000	264.000	-
ii		1.000	100.000	8.000	0.330	0.000	264.000	-
iii		1.000	28.000	8.000	0.330	0.000	73.920	-
Total Quantity						601.92 Cft (Cubic Foot)	17.044448256 Cum (Cubic Meter)	
Amount						17.044448256 X 7470.21808126	127325.75	

**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	Wearing coat of road top	1.000	100.000	8.000	0.330	0.000	264.000	-
ii		1.000	100.000	8.000	0.330	0.000	264.000	-
iii		1.000	28.000	8.000	0.330	0.000	73.920	-
Total Quantity						601.92 Cft (Cubic Foot)	17.044448256 Cum (Cubic Meter)	
Amount						17.044448256 X 8830.26007962	150506.91	

**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	100.000	0.000	0.670	0.000	134.000	-
ii		2.000	100.000	0.000	0.670	0.000	134.000	-

iii		2.000	28.000	0.000	0.670	0.000	37.520	-	
Total Quantity					305.52 Sft (Square Foot)		28.38372456 Sqm (Square Meter)		
Amount					28.38372456 X 216.23489289764		6137.55		

<b>Total Amount (A) : 311975.59</b>
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Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3208	-	3208
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.529	vibrator	529
4	Provision for survey investigation and quality control @ Rs.0	-	0
<b>Additional Components Amount (F) : 8737</b>			

<b>Grand Total Amount (A + F) : 320712.58851533</b>
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