

## Detailed Estimate

**OD/361/3453/119477/385712/00069625 : CONST. OF CC ROAD AT ANGIKALA TO NH-49**

**Block : Patana, Gram Panchayat : Chemana**

**Created By:MONALISA CHAKRA**

<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	cut off	2.000	183.000	0.833	0.833	0.028	7.187	-
Total Quantity					7.1871634842 cum (cum)		7.1871634842 Cum (Cubic Meter)	
Amount					7.1871634842 X 240.77592		1730.50	
<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	cut off	2.000	183.000	0.833	0.333	0.028	2.873	-
ii	road base	1.000	183.000	10.333	0.333	0.028	17.820	-
Total Quantity					20.6931598263 cum (cum)		20.6931598263 Cum (Cubic Meter)	
Amount					20.6931598263 X 705.750832		14604.21	
<b>3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	cut off	2.000	183.000	0.833	0.833	0.028	7.187	-
ii	road base	1.000	183.000	12.000	0.333	0.028	20.695	-
Total Quantity					27.8820478842 cum (cum)		27.8820478842 Cum (Cubic Meter)	
Amount					27.8820478842 X 5465.91938774		152401.03	
<b>4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>								
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	183.000	12.000	0.250	0.028	15.537	-
Total Quantity					15.5367 cum (cum)		15.5367 Cum (Cubic Meter)	
Amount					15.5367 X 7468.05426938		116028.92	
<b>5. 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	cut off	4.000	183.000	0.000	0.333	0.093	22.645	-
ii	road eges	2.000	183.000	0.000	0.250	0.093	8.500	-
Total Quantity					31.1452824 Sqm (Sqm)		31.1452824 Sqm (Square Meter)	
Amount					31.1452824 X 216.23489289764		6734.70	
Total Amount							291499.35	
Addition								

Provision for Contingency (+) @	3000.00
Display Citizen Board (+) @	4000.00
Any Other Lumpsum (+) @	1500.00
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>8500.00</b>
<b>Grand Net Total Amount</b>	<b>299999.35</b>

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**AEE**  
**Patana Block**

**KendujharPatanaBDO**  
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**Patana Block**