

## Detailed Estimate

**OD/358/3419/118809/422429/00102738 : Construction of CC road from Alatara basti to Shiv Temple**  
**Block : Madanpur Rampur, Gram Panchayat : Alatara**  
**Created By:JE BEPARI**

<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	side cutoff	2.000	72.950	0.230	0.230	0.000	7.718	-
ii	end cutoff	2.000	3.190	0.230	0.230	0.000	0.338	-
<b>Total Quantity</b>					<b>8.055612 cum (cum)</b>		<b>8.055612 Cum (Cubic Meter)</b>	
<b>Amount</b>					<b>8.055612 X 240.77592</b>		<b>1939.60</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	side cutoff	2.000	72.950	0.230	0.080	0.000	2.685	-
ii	end cutoff	2.000	3.190	0.230	0.080	0.000	0.117	-
iii	Bed	1.000	72.490	3.190	0.100	0.000	23.124	-
<b>Total Quantity</b>					<b>25.926262 cum (cum)</b>		<b>25.926262 Cum (Cubic Meter)</b>	
<b>Amount</b>					<b>25.926262 X 550.857232</b>		<b>14281.67</b>	
<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	side cutoff	2.000	72.950	0.200	0.130	0.000	3.793	-
ii	end cutoff	2.000	3.190	0.200	0.130	0.000	0.166	-
iii	BED	1.000	72.950	3.650	0.100	0.000	26.627	-
Total Quantity					30.58603 cum (cum)		30.58603 Cum (Cubic Meter)	
Amount					30.58603 X 5573.81510416		170480.88	

#### 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	BED	1.000	72.950	3.650	0.100	0.000	26.627	-
Total Quantity					26.62675 cum (cum)		26.62675 Cum (Cubic Meter)	
Amount					26.62675 X 7281.67861992		193887.44	

#### 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	SIDE CUTOFF	2.000	70.120	0.000	0.200	0.000	28.048	-
ii	END CUTOFF	2.000	3.650	0.000	0.200	0.000	1.460	-
Total Quantity					29.508 Sqm (Sqm)		29.508 Sqm (Square Meter)	
Amount					29.508 X 216.39264180804		6385.31	

**Total Amount (A) : 386974.89**

<b>Additional Components</b>			
<b>#</b>	<b>Item Name</b>	<b>Remark</b>	<b>Amount (in Rs.)</b>
1	Provision for Contingency @ Rs.8000	-	8000
2	Display Citizen Board @ Rs.5000	-	5000
<b>Additional Components Amount (F) : 13000</b>			
<b>Grand Total Amount (A + F) : 399974.89256961</b>			

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