

## Detailed Estimate

**OD/358/3419/118809/422429/00064064 : Improvement of Road from Adenpada to Dangaghat**  
**Block : Madanpur Rampur, Gram Panchayat : Alatarra**  
**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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	side cutoff	2.000	32.000	0.230	0.230	0.000	3.386	-
ii	end cutoff	2.000	3.190	0.230	0.230	0.000	0.338	-
Total Quantity					3.723102 cum (cum)		3.723102 Cum (Cubic Meter)	
Amount					3.723102 X 240.77592		896.43	
<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	side cutoff	2.000	32.000	0.230	0.080	0.000	1.178	-
ii	side cutoff	2.000	3.190	0.230	0.080	0.000	0.117	-
iii	ropad base	2.000	31.540	3.190	0.100	0.000	20.123	-
Total Quantity					21.417512 cum (cum)		21.417512 Cum (Cubic Meter)	
Amount					21.417512 X 550.857232		11797.99	
<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	side cutoff	2.000	32.000	0.230	0.150	0.000	2.208	-
ii	end cutoff	2.000	3.190	0.230	0.150	0.000	0.220	-
iii	road base	1.000	32.000	3.650	0.100	0.000	11.680	-
Total Quantity					14.10811 cum (cum)		14.10811 Cum (Cubic Meter)	
Amount					14.10811 X 5790.7234758		81696.16	

**4. 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	31.000	0.000	0.180	0.000	11.160	-
ii	End cutoff	2.000	3.650	0.000	0.180	0.000	1.314	-
Total Quantity					12.474 Sqm (Sqm)		12.474 Sqm (Square Meter)	
Amount					12.474 X 216.39264180804		2699.28	

**5. 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	road surface top course	1.000	31.200	3.650	0.070	0.000	7.972	-
Total Quantity					7.9716 cum (cum)		7.9716 Cum (Cubic Meter)	

Amount	7.9716 X 7303.3128886	58219.09
<b>Total Amount</b>		<b>155308.96</b>
<b>Addition</b>		
Provision for Contingency (+) @		1553.09
Display Citizen Board (+) @		3000.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>4553.09</b>
<b>Grand Net Total Amount</b>		<b>159862.05</b>

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**Madanpur Rampur Block**

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**Sharat Kumar Sethi**  
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**Madanpur Rampur Block**