

## Detailed Estimate

**OD/355/3389/118118/397873/00015222 : Complition of Guard wall with Road from Bada Mangalpur Main Road to**

**Sanamangalpur**

**Block : Jagatsinghpur, Panchayat : Alla**

**Created By:Sri Subas Chandra Das**

<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Guard Wall	1.000	12.500	1.350	1.200	0.000	20.250	-
Total Quantity					20.25 cum (cum)		20.25 Cum (Cubic Meter)	
<b>Amount</b>					<b>20.25 X 175.30368</b>		<b>3549.90</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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Guard Wall	1.000	12.500	1.350	0.150	0.000	2.531	-
ii	Side of wall	1.000	12.500	0.600	0.600	0.000	4.500	-
iii	Road repair	1.000	12.500	0.600	0.050	0.000	0.375	-
Total Quantity					7.40625 cum (cum)		7.40625 Cum (Cubic Meter)	
<b>Amount</b>					<b>7.40625 X 542.801472</b>		<b>4020.12</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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Guard Wall	1.000	12.500	1.350	0.450	0.000	7.594	-
ii	Battered Portion	1.000	12.500	0.750	1.450	0.000	13.594	-

iii	Road	1.000	12.500	1.500	0.100	0.000	1.875	-
Total Quantity					23.0625 cum (cum)		23.0625 Cum (Cubic Meter)	
Amount					23.0625 X 6618.9042555		152648.48	
<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 specifaiaon and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	12.500	2.800	0.100	0.000	3.500	-
Total Quantity					3.5 cum (cum)		3.5 Cum (Cubic Meter)	
Amount					3.5 X 8148.1042495		28518.36	
<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Guard Wall	2.000	12.500	0.000	1.450	0.000	36.250	-
ii	Road	2.000	12.500	0.000	0.100	0.000	2.500	-
Total Quantity					38.75 Sqm (Sqm)		38.75 Sqm (Square Meter)	
Amount					38.75 X 215.22489289764		8339.96	
<b>Total Amount</b>							<b>197076.83</b>	
<b>Addition</b>								
Provision for Contingency (+) @							1970.77	
Display Citizen Board (+) @							952.00	
Any Other Lumpsum (+) @								
<b>Total Addition</b>							<b>2922.77</b>	
<b>Grand Net Total Amount</b>							<b>199999.60</b>	