

## Detailed Estimate

**OD/365/3490/120107/389194/00013473 : CONSTRUCTION OF GUARDWALL FROM PWD ROAD TO JAMBHIRDIHA  
VILLAGE**

**Block : Baripada, Panchayat : Sankhabhanga  
Created By: CHAPALA CHANDA PRADHAN**

<b>1. Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift</b>								
Earth work in hard soil or gravelly soil 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	wall	1.000	65.000	3.000	3.000	0.000	585.000	-
Total Quantity					585 Cft (Cubic Foot)		16.565328 Cum (Cubic Meter)	
<b>Amount</b>					<b>16.565328 X 196.3036</b>		<b>3251.83</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		1.000	65.000	3.000	0.500	0.000	97.500	-
Total Quantity					97.5 Cft (Cubic Foot)		2.760888 Cum (Cubic Meter)	
<b>Amount</b>					<b>2.760888 X 1201.755772</b>		<b>3317.91</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		1.000	65.000	3.000	0.330	0.000	64.350	-
ii		1.000	65.000	2.500	5.000	0.000	812.500	-
Total Quantity					876.85 Cft (Cubic Foot)		24.82958608 Cum (Cubic Meter)	
<b>Amount</b>					<b>24.82958608 X 5884.97888972</b>		<b>146121.59</b>	

**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 and as per direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	65.000	2.000	0.160	0.000	20.800	-
Total Quantity						20.8 Cft (Cubic Foot)	0.58898944 Cum (Cubic Meter)	
Amount						0.58898944 X 7245.09972464	4267.29	

**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 centering 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		2.000	65.000	5.500	0.000	0.000	715.000	-
Total Quantity						715 Sft (Square Foot)	66.425645 Sqm (Square Meter)	
Amount						66.425645 X 215.69813962884	14327.89	
<b>Total Amount</b>							<b>171286.51</b>	

**Addition**

Provision for Contingency (+) @							1712.87	
Display Citizen Board (+) @							2000.00	
Any Other Lumpsum (+) @							808.00	
<b>Total Addition</b>							<b>4520.87</b>	
<b>Grand Net Total Amount</b>							<b>175807.38</b>	