

## Detailed Estimate

**OD/365/3490/120097/390472/00072224 : Construction of CC drain with Culvert from Durga Marndi house to Gora Soren house at Jhadjamda**

**Block : Baripada, Gram Panchayat : Badjode**

**Created By:CHAPALA CHANDA PRADHAN**

<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		1.000	123.000	1.200	0.900	0.000	132.840	-
Total Quantity					132.84 cum (cum)		132.84 Cum (Cubic Meter)	
Amount					132.84 X 240.77592		31984.67	
<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		1.000	123.000	1.200	0.050	0.000	7.380	-
Total Quantity					7.38 cum (cum)		7.38 Cum (Cubic Meter)	
Amount					7.38 X 1334.506132		9848.66	
<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		1.000	123.000	1.200	0.150	0.000	22.140	-
ii		2.000	123.000	0.250	0.600	0.000	36.900	-

Total Quantity		59.04 cum (cum)		59.04 Cum (Cubic Meter)				
Amount		59.04 X 6505.1235438		384062.49				
<b>4. R.C.C. Work (AR0404Ag) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b>								
Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	5.000	1.800	0.250	0.000	2.250	-
Total Quantity		2.25 cum (cum)		2.25 Cum (Cubic Meter)				
Amount		2.25 X 13394.517767961		30137.66				
<b>5. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position</b>								
Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	2.000	0.000	0.000	0.000	2.000	-
Total Quantity		2 Qntl (Quintal)		2 Qntl (Quintal)				
Amount		2 X 8428.8790379		16857.76				
<b>6. 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		4.000	125.000	0.600	0.000	0.000	300.000	-
Total Quantity		300 Sqm (Sqm)		300 Sqm (Square Meter)				

<b>Amount</b>	<b>300 X 216.70813962884</b>	<b>65012.44</b>
<b>Total Amount</b>		<b>537903.69</b>
<b>Addition</b>		
Display Citizen Board (+) @		5000.00
Any Other Lumpsum (+) @		1717.00
Provision for survey investigation and quality control (+) @		
Provision for Contingency (+) @		5379.04
<b>Total Addition</b>		<b>12096.04</b>
<b>Grand Net Total Amount</b>		<b>549999.72</b>

**CHAPALA CHANDA PRADHAN**  
**JE**  
**Baripada Block**

**BHARAT CHANDRA BEHERA**  
**AEE**  
**Baripada Block**

**Debendra Prasad Bal**  
**BDO**  
**Baripada Block**