

## Detailed Estimate

OD/361/3449/119403/387063/00072658 : const. of c road from rd road to iswar chandra nayak house at adahuria patna sahi

Block : Hatadihi, Gram Panchayat : Panchugochia

Created By: PRAFULLA CHANDRA BEHERA

<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	Earth work in excavation of foundation etc complete	1.000	102.000	3.300	0.150	0.000	50.490	-
<b>Total Quantity</b>					50.49 cum (cum)		50.49 Cum (Cubic Meter)	
<b>Amount</b>					<b>50.49 X 240.77592</b>		<b>12156.78</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	Filling ( F&P) with sand well wared rammed etc complete	1.000	102.000	3.300	0.150	0.000	50.490	-
<b>Total Quantity</b>					50.49 cum (cum)		50.49 Cum (Cubic Meter)	
<b>Amount</b>					<b>50.49 X 1044.403832</b>		<b>52731.95</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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	PCC (1:3:6) using 40 mm size h.g. metal etc complete	1.000	102.000	3.300	0.095	0.000	31.977	-
Total Quantity					31.977 cum (cum)		31.977 Cum (Cubic Meter)	
Amount					31.977 X 5981.33430574		191265.13	
<b>4. 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	Rigid & smooth centering shuttering for casting of mass concrete	2.000	102.000	0.000	0.165	0.000	33.660	-
Total Quantity					33.66 Sqm (Sqm)		33.66 Sqm (Square Meter)	
Amount					33.66 X 216.23489289764		7278.47	
<b>5. 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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	C.C. (1:2:4) using 12 mm size h.c.b. chips etc complete	1.000	102.000	3.300	0.090	0.000	30.294	-
Total Quantity					30.294 cum (cum)		30.294 Cum (Cubic Meter)	
Amount					30.294 X 7438.42652538		225339.69	
Total Amount							488772.01	

<b>Addition</b>	
Provision for Contingency (+) @	4887.72
Display Citizen Board (+) @	2529.26
Any Other Lumpsum (+) @	3811.00
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>11227.98</b>
<b>Grand Net Total Amount</b>	<b>499999.99</b>

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**BDO**  
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