

## Detailed Estimate

**OD/365/3501/120267/388378/00076024 : Const. of Drainage system from Baguni house towards Satyaban house of Jhipabandh village**

**Block : Kusumi, Gram Panchayat : Jhipabandha**

**Created By:Nabin Kumar Naik**

<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	DRAIN	1.000	290.000	3.500	2.500	0.000	2537.500	-
Total Quantity					2537.5 Cft (Cubic Foot)		71.85388 Cum (Cubic Meter)	
Amount					71.85388 X 240.77592		17300.68	
<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	DRAIN BED	1.000	290.000	3.500	0.330	0.000	334.950	-
Total Quantity					334.95 Cft (Cubic Foot)		9.48471216 Cum (Cubic Meter)	
Amount					9.48471216 X 956.665132		9073.69	
<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	DRAIN BED	1.000	290.000	3.500	0.330	0.000	334.950	-

Total Quantity		334.95 Cft (Cubic Foot)		9.48471216 Cum (Cubic Meter)				
Amount		9.48471216 X 6114.2111743		57991.53				
<b>4. R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	BED	1.000	290.000	3.000	0.330	0.000	287.100	-
ii	WALL	2.000	290.000	0.660	1.500	0.000	574.200	-
Total Quantity		861.3 Cft (Cubic Foot)		24.38925984 Cum (Cubic Meter)				
Amount		24.38925984 X 6391.481407231		155883.50				
<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	MS ROD	1.000	24.380	0.510	0.000	0.000	12.434	-
Total Quantity		12.4338 Qntl (Quintal)		12.4338 Qntl (Quintal)				
Amount		12.4338 X 8435.1837104		104881.39				
<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	WALL	4.000	290.000	0.000	1.500	0.000	1740.000	-
Total Quantity					1740 Sft (Square Foot)		161.65122 Sqm (Square Meter)	
Amount					161.65122 X 216.23489289764		34954.63	
Total Amount							380085.43	
<b>Addition</b>								
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							1014.55	
Provision for survey investigation and quality control (+) @								
Provision for Contingency (+) @							3900.00	
Total Addition							9914.55	
Grand Net Total Amount							389999.98	

**Nabin Kumar Naik**  
JE  
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**Debalita Samad**  
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**SHIV SHANKAR MURMU**  
BDO  
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