

## Detailed Estimate

**OD/346/3305/116237/393140/00068403 : Construction of CC drain from Harish Chandra Barik house to Rajendra Biswal house**

**Block : Nilgiri, Gram Panchayat : Dhobasila**

**Created By:BAIDYANATH SINGH**

<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	97.000	4.000	3.000	0.000	1164.000	-
ii		1.000	96.000	4.000	3.000	0.000	1152.000	-
Total Quantity						2316 Cft (Cubic Foot)	65.5817088 Cum (Cubic Meter)	
Amount						65.5817088 X 240.77592	15790.50	
<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	97.000	4.000	0.330	0.000	128.040	-
ii		1.000	96.000	4.000	0.330	0.000	126.720	-
Total Quantity						254.76 Cft (Cubic Foot)	7.213987968 Cum (Cubic Meter)	
Amount						7.213987968 X 1184.531232	8545.19	
<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	97.000	4.000	0.330	0.000	128.040	-
ii		1.000	96.000	4.000	0.330	0.000	126.720	-
Total Quantity					254.76 Cft (Cubic Foot)		7.213987968 Cum (Cubic Meter)	
Amount					7.213987968 X 6246.6913492		45063.56	

**4. R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips**

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)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	97.000	4.000	0.330	0.000	128.040	-
ii		1.000	96.000	4.000	0.330	0.000	126.720	-
iii		2.000	97.000	0.500	1.500	0.000	145.500	-
iv		2.000	96.000	0.500	1.500	0.000	144.000	-
Total Quantity					544.26 Cft (Cubic Foot)		15.411701568 Cum (Cubic Meter)	
Amount					15.411701568 X 6393.925626724		98541.27	

**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**

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	3.800	0.000	0.000	0.000	3.800	-
Total Quantity					3.8 Qntl (Quintal)		3.8 Qntl (Quintal)	

<b>Amount</b>		<b>3.8 X 8427.9076199</b>					<b>32026.05</b>	
<b>6. R.C.C. Work (AR0410f) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting</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 in ground floor R.C.C. walls and fins including attached pilasters								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		4.000	97.000	1.400	0.000	0.000	543.200	-
ii		4.000	96.000	1.400	0.000	0.000	537.600	-
<b>Total Quantity</b>					1080.8 Sft (Square Foot)		100.4095624 Sqm (Square Meter)	
<b>Amount</b>					<b>100.4095624 X 934.29150984209</b>		<b>93811.80</b>	
<b>Total Amount</b>							<b>293778.37</b>	
<b>Addition</b>								
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Provision for Contingency (+) @							1221.00	
<b>Total Addition</b>							<b>6221.00</b>	
<b>Grand Net Total Amount</b>							<b>299999.37</b>	

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