

## Detailed Estimate

**OD/363/3479/119915/429966/00069370 : Const of CC Drain at Sundhiput Paraja Sahi**

**Block : Semiliguda, Gram Panchayat : Dudhari**

**Created By: SMT RASMITA RAUT**

<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 bed	1.000	80.000	1.050	0.600	0.000	50.400	-
Total Quantity					50.4 cum (cum)		50.4 Cum (Cubic Meter)	
Amount					50.4 X 240.77592		12135.11	
<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	Bed	1.000	80.000	1.200	0.100	0.000	9.600	-
Total Quantity					9.6 cum (cum)		9.6 Cum (Cubic Meter)	
Amount					9.6 X 520.809732		4999.77	
<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	Bed	1.000	80.000	1.050	0.100	0.000	8.400	-
Total Quantity					8.4 cum (cum)		8.4 Cum (Cubic Meter)	

<b>Amount</b>				<b>8.4 X 5424.5261598</b>			<b>45566.02</b>	
<b>4. 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	Bed	1.000	80.000	0.650	0.075	0.000	3.900	-
Total Quantity					3.9 cum (cum)		3.9 Cum (Cubic Meter)	
<b>Amount</b>				<b>3.9 X 6921.2768536</b>			<b>26992.98</b>	
<b>5. 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	C/S	2.000	80.000	0.000	0.600	0.000	96.000	-
ii	Plates	50.000	1.200	1.200	0.000	0.000	72.000	-
Total Quantity					168 Sqm (Sqm)		168 Sqm (Square Meter)	
<b>Amount</b>				<b>168 X 216.48729115428</b>			<b>36369.86</b>	
<b>6. 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	10 mm	268.000	2.250	0.000	0.000	0.617	372.051	-
ii	8 mm	6.000	80.000	0.000	0.000	0.395	189.600	-

Total Quantity		561.651 Kg (Kilo Gram)		5.61651 Qntl (Quintal)				
Amount		5.61651 X 8442.3794049		47416.71				
<b>7. R.C.C. Work (AR0404Aa) : 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain wall	1.000	80.000	0.200	0.600	0.000	9.600	-
ii	Cover plate	50.000	1.300	1.200	0.125	0.000	9.750	-
Total Quantity		19.35 cum (cum)		19.35 Cum (Cubic Meter)				
Amount		19.35 X 6263.2566415374		121194.02				
Total Amount		294674.47						
<b>Addition</b>								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @		2946.74						
Display Citizen Board (+) @		2378.00						
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition		5324.74						
Grand Net Total Amount		299999.21						

**SMT RASMITA RAUT**  
**JE**  
**Semiliguda Block**

**ER TOPHAN KUMAR NAYAK**  
**AEE**  
**Semiliguda Block**

**JASHMIN KUMAR PRADHAN**  
**BDO**  
**Semiliguda Block**