

## Detailed Estimate

**OD/365/3505/120328/390232/00065582 : CONST OF CC ROAD WITH DRAIN FROM BIJAY RAY HOUSE TOWARDS  
RATHIA RAY HOUSE AT RAISAHAI ,TOTAPADA  
Block : Rasgovindpur, Gram Panchayat : Totapada  
Created By:Pabitra Swain**

<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	Cutoff	1.000	25.700	0.225	0.150	0.000	0.867	-
ii	Drain	1.000	25.700	0.900	0.650	0.000	15.035	-
Total Quantity					15.901875 cum (cum)		15.901875 Cum (Cubic Meter)	
Amount					15.901875 X 240.77592		3828.79	
<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	Cutoff	1.000	25.700	0.225	0.050	0.000	0.289	-
ii	Road	1.000	25.700	2.650	0.100	0.000	6.811	-
iii	Drain	1.000	25.700	0.900	0.100	0.000	2.313	-
Total Quantity					9.412625 cum (cum)		9.412625 Cum (Cubic Meter)	
Amount					9.412625 X 924.951132		8706.22	
<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	Cutoff	1.000	25.700	0.225	0.200	0.000	1.157	-
ii	Road	1.000	25.700	3.100	0.100	0.000	7.967	-
iii	Drain Base	1.000	25.700	0.900	0.100	0.000	2.313	-
iv	Drain wall	1.000	25.700	0.225	0.450	0.000	2.602	-
v		1.000	25.700	0.225	0.250	0.000	1.446	-
Total Quantity					15.48425 cum (cum)		15.48425 Cum (Cubic Meter)	
Amount					15.48425 X 6482.7316923		100380.24	

**4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum**

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	25.700	3.100	0.100	0.000	7.967	-
ii	Drain Base	1.000	25.700	0.450	0.050	0.000	0.578	-
iii	Wall Top	1.000	25.700	0.225	0.050	0.000	0.289	-
Total Quantity					8.834375 cum (cum)		8.834375 Cum (Cubic Meter)	
Amount					8.834375 X 7984.9385071		70541.94	

**5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc**

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	Road Inner	2.000	25.700	0.000	0.100	0.000	5.140	-
ii	Outer	1.000	25.700	0.000	0.300	0.000	7.710	-
iii	Drain Inner Wall	2.000	25.700	0.000	0.450	0.000	23.130	-
iv	Outer	1.000	25.700	0.000	0.450	0.000	11.565	-
Total Quantity					47.545 Sqm (Sqm)		47.545 Sqm (Square Meter)	
<b>Amount</b>					<b>47.545 X 216.23489289764</b>		<b>10280.89</b>	
<b>6. Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)</b>								
6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain inner Wall	2.000	25.700	0.000	0.450	0.000	23.130	-
Total Quantity					23.13 Sqm (Sqm)		23.13 Sqm (Square Meter)	
<b>Amount</b>					<b>23.13 X 193.232361094</b>		<b>4469.46</b>	
<b>Total Amount</b>							<b>198207.54</b>	
<b>Addition</b>								
Provision for Contingency (+) @							1982.08	
Display Citizen Board (+) @							1729.38	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
<b>Total Addition</b>							<b>3711.46</b>	
<b>Grand Net Total Amount</b>							<b>201918.99</b>	

**Pabitra Swain**  
**JE**  
**Rasgovindpur Block**

**ANUPAM PRAKASH BEHERA**  
**AEE**  
**Rasgovindpur Block**

**ANANTA KUMAR HANSDA**  
**BDO**  
**Rasgovindpur Block**