

## Detailed Estimate

**OD/365/3505/120325/390135/00063155 : Const. of CC road from Sumanta Mohanty house to PMGSY road,  
Rasgobindpur**

**Block : Rasgovindpur, Gram Panchayat : Rasgovindpur**

**Created By: DIPAK KUMAR MURMU**

<b>1. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation</b>								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	117.000	10.000	0.000	0.000	1170.000	-
Total Quantity					1170 Sft (Square Foot)		108.69651 Sqm (Square Meter)	
<b>Amount</b>					<b>108.69651 X 4.6662</b>		<b>507.20</b>	
<b>2. 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	Cutoff Wall	2.000	117.000	0.750	0.500	0.000	87.750	-
Total Quantity					87.75 Cft (Cubic Foot)		2.4847992 Cum (Cubic Meter)	
<b>Amount</b>					<b>2.4847992 X 240.77592</b>		<b>598.28</b>	
<b>3. 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	Cutoff Wall	2.000	117.000	0.750	0.160	0.000	28.080	-
ii	Road	1.000	117.000	8.500	0.330	0.000	328.185	-

Total Quantity	356.265 Cft (Cubic Foot)	10.088284752 Cum (Cubic Meter)
Amount	10.088284752 X 931.526232	9397.50

**4. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal**

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	Cutoff Wall	2.000	117.000	0.750	1.000	0.000	175.500	-
ii	Road	1.000	117.000	8.500	0.330	0.000	328.185	-
Total Quantity					503.685 Cft (Cubic Foot)		14.262747408 Cum (Cubic Meter)	
Amount					14.262747408 X 6485.8877403		92506.58	

**5. 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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	117.000	10.000	0.330	0.000	386.100	-
Total Quantity					386.1 Cft (Cubic Foot)		10.93311648 Cum (Cubic Meter)	
Amount					10.93311648 X 7987.8973021		87332.61	

**6. 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
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i	Cutoff Wall	2.000	117.000	0.000	0.660	0.000	154.440	-
ii		2.000	117.000	0.000	0.910	0.000	212.940	-
Total Quantity					367.38 Sft (Square Foot)		34.13070414 Sqm (Square Meter)	
Amount					34.13070414 X 216.23489289764		7380.25	
Total Amount							197722.42	
<b>Addition</b>								
Provision for Contingency (+) @							1977.22	
Display Citizen Board (+) @							2219.35	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							4196.57	
Grand Net Total Amount							201918.99	

**DIPAK KUMAR MURMU**  
JE  
Rasgovindpur Block

**ANUPAM PRAKASH BEHERA**  
AEE  
Rasgovindpur Block

**ANANTA KUMAR HANSDA**  
BDO  
Rasgovindpur Block