

## Detailed Estimate

**OD/370/3555/121227/427080/00073754 : Construction of C.C road & drain at Soura Sahi,Laiguda**  
**Block : Padmapur, Gram Panchayat : Gulluguda**  
**Created By: SAMEER KUMAR 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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	2.000	30.000	0.300	0.300	0.000	5.400	-
ii	C/S Cutoff	3.000	3.050	0.300	0.300	0.000	0.824	-
iii	Drain	1.000	30.000	0.300	0.300	0.000	2.700	-
Total Quantity					8.9235 cum (cum)		8.9235 Cum (Cubic Meter)	
<b>Amount</b>					<b>8.9235 X 240.77592</b>		<b>2148.56</b>	
<b>2. 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	Road	2.000	30.000	0.000	0.275	0.000	16.500	-
ii	Drain	4.000	30.000	0.000	0.600	0.000	72.000	-
Total Quantity					88.5 Sqm (Sqm)		88.5 Sqm (Square Meter)	
<b>Amount</b>					<b>88.5 X 216.23489289764</b>		<b>19136.79</b>	
<b>3. 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	Drain	1.000	5.500	0.000	0.000	0.000	5.500	-
Total Quantity					5.5 Qntl (Quintal)		5.5 Qntl (Quintal)	
Amount					5.5 X 8671.8374568		47695.11	

**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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	30.000	3.650	0.075	0.000	8.213	-
Total Quantity					8.2125 cum (cum)		8.2125 Cum (Cubic Meter)	
Amount					8.2125 X 7220.00550704		59294.30	

**5. R.C.C. Work (AR0402) : Reinforced cement concrete (1:11/2:3) work with 12mm size black hard crusher broken granite chips including hoisting and laying in position compacting(To be used for minor repair work only)**

'Reinforced cement concrete (1:1.5:3) work with 12mm 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. (To be used for minor repair work only)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	2.000	30.000	0.200	0.600	0.000	7.200	-
ii	Base	1.000	30.000	0.600	0.075	0.000	1.350	-
Total Quantity					8.55 cum (cum)		8.55 Cum (Cubic Meter)	
Amount					8.55 X 7998.40108192		68386.33	

**6. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed**

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	Road	1.000	30.000	3.650	0.100	0.000	10.950	-
ii	Drain	1.000	30.000	0.600	0.100	0.000	1.800	-
Total Quantity					12.75 cum (cum)		12.75 Cum (Cubic Meter)	
<b>Amount</b>					<b>12.75 X 894.822832</b>		<b>11408.99</b>	

**7. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal**

Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	2.000	30.000	0.300	0.300	0.000	5.400	-
ii	Road	1.000	30.000	3.650	0.100	0.000	10.950	-
Total Quantity					16.35 cum (cum)		16.35 Cum (Cubic Meter)	
<b>Amount</b>					<b>16.35 X 5192.56916792</b>		<b>84898.51</b>	
<b>Total Amount</b>							<b>292968.58</b>	

**Addition**

Provision for Contingency (+) @							2900.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @							1131.42	
<b>Total Addition</b>							<b>7031.42</b>	
<b>Grand Net Total Amount</b>							<b>300000.00</b>	

**SAMEER KUMAR SWAIN**  
**JE**  
**Padmapur Block**

**SIMANCHAL DASH**  
**AEE**  
**Padmapur Block**

**KURESH CHANDRA JANI**  
**BDO**  
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