

## Detailed Estimate

**OD/369/3540/120968/409132/00067134 : CONSTRUCTION OF CC ROAD FROM MITU NAYAK HOUSE TO DHULA DAS HOUSE AT SUHAGPUR**

**Block : Kakat Pur, Gram Panchayat : Suhagpur**

**Created By: PRACHI PRANGYA SAHOO AE**

<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	Guard wall	1.000	15.000	0.900	0.900	0.000	12.150	-
ii	Road bed	1.000	71.000	3.000	0.300	0.000	63.900	-
Total Quantity					76.05 cum (cum)		76.05 Cum (Cubic Meter)	
Amount					76.05 X 240.77592		18311.01	
<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	Guard wall	1.000	15.000	0.900	0.150	0.000	2.025	-
ii	Road bed	1.000	71.000	3.000	0.100	0.000	21.300	-
Total Quantity					23.325 cum (cum)		23.325 Cum (Cubic Meter)	
Amount					23.325 X 458.401832		10692.22	
<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	Guard wall	1.000	15.000	0.900	0.300	0.000	4.050	-
ii	Guard wall	1.000	15.000	0.640	1.200	0.000	11.520	-
iii	Road bed	1.000	71.000	3.000	0.100	0.000	21.300	-
Total Quantity					36.87 cum (cum)		36.87 Cum (Cubic Meter)	
Amount					36.87 X 6354.68446194		234297.22	

**4. 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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Guard wall	2.000	15.000	1.000	1.200	0.000	36.000	-
ii	Road bed	2.000	71.000	1.000	0.175	0.000	24.850	-
Total Quantity					60.85 Sqm (Sqm)		60.85 Sqm (Square Meter)	
Amount					60.85 X 216.23489289764		13157.89	

**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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Guard wall	1.000	15.000	0.380	0.050	0.000	0.285	-
ii	Road bed	1.000	71.000	3.000	0.075	0.000	15.975	-
Total Quantity					16.26 cum (cum)		16.26 Cum (Cubic Meter)	
Amount					16.26 X 7825.95881878		127250.09	
Total Amount							403708.43	
Addition								

Provision for Contingency (+) @	4160.00
Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	3380.40
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>12540.40</b>
<b>Grand Net Total Amount</b>	<b>416248.83</b>

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**JE**  
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**BDO**  
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