

## Detailed Estimate

**OD/362/3465/119695/408004/00069528 : Construction of cc road from Brundabanpur to PMGSY Road**

**Block : Tangi, Gram Panchayat : Nuagarh**

**Created By: PRASANNA KUMAR PANDA**

<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	CUT OFF WALL	2.000	63.840	0.225	0.100	0.000	2.873	-
Total Quantity					2.8728 cum (cum)		2.8728 Cum (Cubic Meter)	
Amount					2.8728 X 240.77592		691.70	
<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	CUT OFF WALL	2.000	63.840	0.225	0.025	0.000	0.718	-
ii	BASE	1.000	63.840	3.200	0.025	0.000	5.107	-
Total Quantity					5.8254 cum (cum)		5.8254 Cum (Cubic Meter)	
Amount					5.8254 X 1260.937732		7345.47	
<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	CUT OFF WALL	2.000	63.840	0.225	0.200	0.000	5.746	-

ii	BASE	1.000	63.840	3.200	0.100	0.000	20.429	-
Total Quantity					26.1744 cum (cum)		26.1744 Cum (Cubic Meter)	
Amount					26.1744 X 5495.7343615		143847.55	
<b>4. 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	SIDE SHUTTERING	2.000	63.840	0.000	0.275	0.000	35.112	-
Total Quantity					35.112 Sqm (Sqm)		35.112 Sqm (Square Meter)	
Amount					35.112 X 216.23489289764		7592.44	
<b>5. 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	WEARING COAT	1.000	63.840	3.650	0.083	0.000	19.340	-
Total Quantity					19.340328 cum (cum)		19.340328 Cum (Cubic Meter)	
Amount					19.340328 X 6956.0532645		134532.35	
<b>Total Amount</b>							<b>294009.51</b>	
<b>Addition</b>								
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							2990.00	

Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>5990.00</b>
<b>Grand Net Total Amount</b>	<b>299999.51</b>

**PRASANNA KUMAR PANDA**  
**JE**  
**Tangi Block**

**ASHOK KUMAR NANDA**  
**AEE**  
**Tangi Block**

**Rumana Jafri**  
**BDO**  
**Tangi Block**