

## Detailed Estimate

**OD/346/3304/116225/393593/00076290 : Const. of CC road & Wall from Prusty Sahi to Markanda Prusty house**  
**Block : Khaira, Gram Panchayat : Palasa**  
**Created By: AMIYA KUMAR DAS**

<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	WALL	2.000	180.000	0.660	0.660	0.000	156.816	-
Total Quantity					156.816 Cft (Cubic Foot)		4.4405273088 Cum (Cubic Meter)	
Amount					4.4405273088 X 240.77592		1069.17	
<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	WALL	2.000	180.000	0.660	0.150	0.000	35.640	-
ii	ROAD	1.000	180.000	8.680	0.330	0.000	515.592	-
iii	G.Wall	1.000	110.000	2.500	0.330	0.000	90.750	-
Total Quantity					641.982 Cft (Cubic Foot)		18.1788758976 Cum (Cubic Meter)	
Amount					18.1788758976 X 1568.331232		28510.50	
<b>3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>								
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	WALL	2.000	180.000	0.660	0.580	0.000	137.808	-
ii	ROAD	1.000	180.000	8.580	0.330	0.000	509.652	-
iii	G.Wall	1.000	110.000	1.875	4.500	0.000	928.125	-
Total Quantity					1575.585 Cft (Cubic Foot)		44.615525328 Cum (Cubic Meter)	
Amount					44.615525328 X 6836.03180926		304993.15	

#### 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	180.000	10.000	0.300	0.000	540.000	-
ii		1.000	110.000	1.250	0.330	0.000	45.375	-
Total Quantity					585.375 Cft (Cubic Foot)		16.5759468 Cum (Cubic Meter)	
Amount					16.5759468 X 8424.68245962		139647.09	

#### 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		2.000	150.000	0.000	0.750	0.000	225.000	-
ii		2.000	85.000	0.000	3.000	0.000	510.000	-
Total Quantity					735 Sft (Square Foot)		68.283705 Sqm (Square Meter)	

<b>Amount</b>	68.283705 X 216.23489289764	14765.32
<b>Total Amount</b>		488985.23
<b>Addition</b>		
Provision for Contingency (+) @		2000.00
Display Citizen Board (+) @		5000.00
Any Other Lumpsum (+) @		4014.70
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>11014.70</b>
<b>Grand Net Total Amount</b>		<b>499999.93</b>

**AMIYA KUMAR DAS**  
**JE**  
**Khaira Block**

**Bibhuti Bhusan Nayak**  
**AEE**  
**Khaira Block**

**Narayan Sahu**  
**BDO**  
**Khaira Block**