

## Detailed Estimate

**OD/365/3491/120123/390558/00074317 : Construction of CC Road from Dubki sahi tube well to Raghunath Mohanta  
House at Purikhunta  
Block : Betnoti, Gram Panchayat : Purinda  
Created By: SNEHALATA PATI**

### 1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift

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	Road levelling	1.000	20.000	1.500	0.100	0.000	3.000	-
ii	Cutoff wall	2.000	100.500	0.250	0.125	0.000	6.281	-
iii	end cutoff	2.000	2.500	0.250	0.125	0.000	0.156	-
Total Quantity					9.4375 cum (cum)		9.4375 Cum (Cubic Meter)	
Amount					9.4375 X 240.77592		2272.32	

### 2. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff wall	2.000	100.500	0.250	0.100	0.000	5.025	-
ii	end cutoff	2.000	2.500	0.250	0.100	0.000	0.125	-
iii	inside road	1.000	100.000	2.500	0.100	0.000	25.000	-
Total Quantity					30.15 cum (cum)		30.15 Cum (Cubic Meter)	
Amount					30.15 X 1428.234132		43061.26	

### 3. 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	100.500	0.250	0.220	0.000	11.055	-
ii	end cutoff	2.000	2.500	0.250	0.150	0.000	0.188	-
iii	road inside	1.000	100.000	2.500	0.100	0.000	25.000	-
Total Quantity					36.2425 cum (cum)		36.2425 Cum (Cubic Meter)	
Amount					36.2425 X 6571.9833723		238185.11	

#### 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	100.500	3.000	0.075	0.000	22.613	-
Total Quantity					22.6125 cum (cum)		22.6125 Cum (Cubic Meter)	
Amount					22.6125 X 8068.6119571		182451.49	

#### 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	cutoff inside	2.000	100.000	0.000	0.200	0.000	40.000	-
ii	outer side	2.000	100.500	0.000	0.300	0.000	60.300	-
iii	end cutoff inside	2.000	2.500	0.000	0.200	0.000	1.000	-

iv	outer	2.000	3.000	0.000	0.200	0.000	1.200	-
Total Quantity					102.5 Sqm (Sqm)		102.5 Sqm (Square Meter)	
Amount					102.5 X 216.23489289764		22164.08	
Total Amount							488134.25	
<b>Addition</b>								
Provision for Contingency (+) @							4881.34	
Display Citizen Board (+) @							4000.00	
Any Other Lumpsum (+) @							2984.40	
Provision for survey investigation and quality control (+) @								
Total Addition							11865.74	
Grand Net Total Amount							500000.00	

SNEHALATA PATI  
JE  
Betnoti Block

SOUMYASHREE BHOI  
AEE  
Betnoti Block

SUSANTA KUMAR SUTAR  
BDO  
Betnoti Block