

## Detailed Estimate

**OD/365/3491/120122/390361/00074295 : Construction of CC road from astasahi Arsu tudu House to Laso Beshra House at Sankhirpada**  
**Block : Betnoti, Gram Panchayat : Patalipura**  
**Created By: DURGASANKAR SINGH**

### **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	Cut Off	2.000	93.000	0.250	0.250	0.000	11.625	-
ii	End Cut Off	2.000	2.500	0.250	0.250	0.000	0.313	-
Total Quantity					11.9375 cum (cum)		11.9375 Cum (Cubic Meter)	
Amount					11.9375 X 240.77592		2874.26	

### **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	Cut Off	2.000	93.000	0.250	0.020	0.000	0.930	-
ii	End Cut Off	2.000	2.500	0.250	0.020	0.000	0.025	-
iii	Road filling	1.000	93.000	2.500	0.030	0.000	6.975	-
Total Quantity					7.93 cum (cum)		7.93 Cum (Cubic Meter)	
Amount					7.93 X 1463.584132		11606.22	

### **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	Cut Off	2.000	93.000	0.250	0.250	0.000	11.625	-
ii	End Cut Off	2.000	2.500	0.500	0.250	0.000	0.625	-
iii	Road	1.000	93.000	3.030	0.100	0.000	28.179	-
Total Quantity					40.429 cum (cum)		40.429 Cum (Cubic Meter)	
Amount					40.429 X 6728.7495628		272036.62	

#### 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	CC road	1.000	93.000	3.030	0.075	0.000	21.134	-
Total Quantity					21.13425 cum (cum)		21.13425 Cum (Cubic Meter)	
Amount					21.13425 X 8222.0838306		173767.58	

#### 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	Cut Off	4.000	93.000	0.000	0.250	0.000	93.000	-
ii	End Cut Off	4.000	2.500	0.000	0.250	0.000	2.500	-
iii	CC 1 3 6	2.000	93.000	0.000	0.100	0.000	18.600	-
iv	CC 1 2 4	2.000	93.000	0.000	0.100	0.000	18.600	-
Total Quantity					132.7 Sqm (Sqm)		132.7 Sqm (Square Meter)	

<b>Amount</b>	132.7 X 216.23489289764	28694.37
<b>Total Amount</b>		488979.05
<b>Addition</b>		
Provision for Contingency (+) @		4889.79
Display Citizen Board (+) @		5000.00
Any Other Lumpsum (+) @		1130.90
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>11020.69</b>
<b>Grand Net Total Amount</b>		<b>499999.74</b>

**DURGASANKAR SINGH**  
**JE**  
**Betnoti Block**

**SOUMYASHREE BHOI**  
**AEE**  
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**SUSANTA KUMAR SUTAR**  
**BDO**  
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