

## Detailed Estimate

**OD/365/3491/120108/390536/00073759 : Construction of CC Road from Dillip Singh house to Garadasole school at Durgapur**

**Block : Betnoti, Gram Panchayat : Agria**

**Created By: DURGASANKAR SINGH**

<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	Road Cleaning	1.000	73.000	3.030	0.020	0.000	4.424	-
ii	Cut Off	2.000	73.000	0.250	0.250	0.000	9.125	-
iii	End Cut Off	2.000	2.500	0.250	0.250	0.000	0.313	-
Total Quantity					13.8613 cum (cum)		13.8613 Cum (Cubic Meter)	
Amount					13.8613 X 240.77592		3337.47	
<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	Cut Off	2.000	73.000	0.250	0.020	0.000	0.730	-
ii	End Cut Off	2.000	2.500	0.250	0.020	0.000	0.025	-
iii	Road Surface	1.000	73.000	2.500	0.020	0.000	3.650	-
Total Quantity					4.405 cum (cum)		4.405 Cum (Cubic Meter)	
Amount					4.405 X 1463.584132		6447.09	
<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	2.000	73.000	0.250	0.250	0.000	9.125	-
ii	End Cut Off	2.000	2.500	0.250	0.250	0.000	0.313	-
iii	Road Surface	1.000	73.000	3.030	0.100	0.000	22.119	-
Total Quantity					31.5565 cum (cum)		31.5565 Cum (Cubic Meter)	
Amount					31.5565 X 6728.7495628		212335.79	

#### 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	73.000	3.030	0.079	0.000	17.474	-
Total Quantity					17.47401 cum (cum)		17.47401 Cum (Cubic Meter)	
Amount					17.47401 X 8222.0838306		143672.78	

#### 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	73.000	0.000	0.250	0.000	73.000	-
ii	End Cut Off	4.000	2.500	0.000	0.500	0.000	5.000	-
iii	CC 1 3 6	2.000	73.000	0.000	0.100	0.000	14.600	-

iv	CC 1 2 4	2.000	73.000	0.000	0.100	0.000	14.600	-
Total Quantity					107.2 Sqm (Sqm)		107.2 Sqm (Square Meter)	
Amount					107.2 X 216.23489289764		23180.38	
Total Amount							388973.50	
<b>Addition</b>								
Provision for Contingency (+) @							3889.73	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							2136.00	
Provision for survey investigation and quality control (+) @								
Total Addition							11025.73	
Grand Net Total Amount							399999.23	

**DURGASANKAR SINGH**  
JE  
Betnoti Block

**SOUMYASHREE BHOI**  
AEE  
Betnoti Block

**SUSANTA KUMAR SUTAR**  
BDO  
Betnoti Block