

Detailed Estimate

**OD/365/3491/120122/390405/00074289 : Construction of CC road from Hadigadia to gangadhara Behera House at
Badakhipada
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	Road Cleaning	1.000	93.000	3.030	0.020	0.000	5.636	-
ii	Cut Off	2.000	93.000	0.250	0.250	0.000	11.625	-
iii	end Cut Off	2.000	2.500	0.250	0.250	0.000	0.313	-
Total Quantity					17.5733 cum (cum)		17.5733 Cum (Cubic Meter)	
Amount					17.5733 X 240.77592		4231.23	
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	0.025	0.000	5.813	-
Total Quantity					6.7675 cum (cum)		6.7675 Cum (Cubic Meter)	
Amount					6.7675 X 1463.584132		9904.81	
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	0.250	0.250	0.000	0.313	-
iii	Road	1.000	93.000	3.030	0.100	0.000	28.179	-
Total Quantity					40.1165 cum (cum)		40.1165 Cum (Cubic Meter)	
Amount					40.1165 X 6728.7495628		269933.88	

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)	
Amount					132.7 X 216.23489289764		28694.37	
Total Amount							486531.86	
Addition								
Provision for Contingency (+) @							4865.32	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							3602.80	
Provision for survey investigation and quality control (+) @								
Total Addition							13468.12	
Grand Net Total Amount							499999.98	

DURGASANKAR SINGH
JE
Betnoti Block

SOUMYASHREE BHOI
AEE
Betnoti Block

SUSANTA KUMAR SUTAR
BDO
Betnoti Block