

## Detailed Estimate

**OD/373/3587/121749/383960/00069946 : Construction of Cement Concrete Road from Dilip House to Bankibahal Main Road**

**Block : Subdega, Gram Panchayat : Kulba**

**Created By:ASIT PATEL**

<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	Road	1.000	63.400	3.650	0.230	0.000	53.224	-
Total Quantity					53.2243 cum (cum)		53.2243 Cum (Cubic Meter)	
Amount					53.2243 X 240.77592		12815.13	
<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	Road	1.000	63.400	3.190	0.150	0.000	30.337	-
ii	Cut off	2.000	63.400	0.230	0.150	0.000	4.375	-
Total Quantity					34.7115 cum (cum)		34.7115 Cum (Cubic Meter)	
Amount					34.7115 X 545.807232		18945.79	
<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	Road	1.000	63.400	3.650	0.100	0.000	23.141	-

ii	Cutoff	2.000	63.400	0.230	0.230	0.000	6.708	-
Total Quantity					29.84872 cum (cum)		29.84872 Cum (Cubic Meter)	
Amount					29.84872 X 6045.74208452		180457.66	
<b>4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>								
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	63.400	3.650	0.100	0.000	23.141	-
Total Quantity					23.141 cum (cum)		23.141 Cum (Cubic Meter)	
Amount					23.141 X 7488.23849924		173285.33	
<b>5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>								
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	Road	1.000	2.000	63.400	0.200	0.000	25.360	-
Total Quantity					25.36 Sqm (Sqm)		25.36 Sqm (Square Meter)	
Amount					25.36 X 216.55039071844		5491.72	
<b>Total Amount</b>							<b>390995.63</b>	
<b>Addition</b>								
Provision for Contingency (+) @							4000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							4.00	

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>9004.00</b>
<b>Grand Net Total Amount</b>	<b>399999.63</b>

**ASIT PATEL**  
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Subdega Block

**BINAY BHUSHAN DASH**  
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**BDO Subdega**  
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