

## Detailed Estimate

**OD/365/3487/120053/390376/00072234 : CONST. OF CC ROAD FROM ANKAPURA HARI SINGH HOUSE CHHAKA TO GURA SINGH HOUSE**

**Block : Badasahi, Gram Panchayat : Manatri**

**Created By:SUSHIL KUMAR SING**

<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	CUT OFF	2.000	23.500	0.250	0.225	0.000	2.644	-
ii	END CUT OFF	2.000	3.150	0.250	0.225	0.000	0.354	-
Total Quantity						2.998125 cum (cum)	2.998125 Cum (Cubic Meter)	
Amount						<b>2.998125 X 240.77592</b>	<b>721.88</b>	
<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	CUT OFF	2.000	23.500	0.250	0.050	0.000	0.588	-
ii	END CUT OFF	2.000	3.150	0.250	0.050	0.000	0.079	-
iii	ROAD	1.000	23.000	3.150	0.100	0.000	7.245	-
Total Quantity						7.91125 cum (cum)	7.91125 Cum (Cubic Meter)	
Amount						<b>7.91125 X 1457.625132</b>	<b>11531.64</b>	
<b>3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	23.500	0.250	0.250	0.000	2.938	-
ii	END CUT OFF	2.000	3.150	0.250	0.250	0.000	0.394	-
iii	ROAD	1.000	23.500	3.650	0.100	0.000	8.578	-
Total Quantity							11.90875 cum (cum)	11.90875 Cum (Cubic Meter)
Amount							<b>11.90875 X 6437.2696733</b>	<b>76659.84</b>

#### 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	8.000	3.650	0.075	0.000	2.190	-
ii		1.000	9.000	3.650	0.075	0.000	2.464	-
iii		1.000	6.500	3.650	0.075	0.000	1.779	-
Total Quantity							6.433125 cum (cum)	6.433125 Cum (Cubic Meter)
Amount							<b>6.433125 X 8144.2970141</b>	<b>52393.28</b>

#### 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 INSIDE	2.000	23.000	0.000	0.100	0.000	4.600	-
ii		1.000	3.150	0.000	0.100	0.000	0.315	-
iii	CUT OFF OUTSIDE	2.000	23.500	0.000	0.275	0.000	12.925	-

iv		1.000	3.650	0.000	0.275	0.000	1.004	-	
Total Quantity					18.84375 Sqm (Sqm)		18.84375 Sqm (Square Meter)		
Amount					18.84375 X 216.70813962884		4083.59		

<b>Total Amount (A) : 145390.22</b>
-------------------------------------

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.1541	-	1541
2	Display Citizen Board @ Rs.3000	-	3000
3	Any Other Lumpsum @ Rs.4144.77	VIBRATOR CHARGES	4144.77
4	Provision for survey investigation and quality control @ Rs.0	-	0
<b>Additional Components Amount (F) : 8685.77</b>			

<b>Grand Total Amount (A + F) : 154075.99308756</b>
---

**SUSHIL KUMAR SING**  
JE  
Badasahi Block

**DASHARATH MOHANTA**  
AEE  
Badasahi Block

**BANAJA DAS**  
BDO  
Badasahi Block