

## Detailed Estimate

**OD/365/3487/120054/390386/00074709 : CONST. OF CC ROAD FROM MAYADHAR HOUSE TO SAINLAPUR PRIMARY SCHOOL AT SAINLAPUR**

**Block : Badasahi, Gram Panchayat : Mangobindpur**

**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	44.800	0.250	0.250	0.000	5.600	-
ii	END CUT OFF	2.000	3.150	0.250	0.250	0.000	0.394	-
Total Quantity					5.99375 cum (cum)		5.99375 Cum (Cubic Meter)	
Amount					5.99375 X 240.77592		1443.15	
<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	44.800	0.250	0.050	0.000	1.120	-
ii	END CUT OFF	2.000	3.150	0.250	0.050	0.000	0.079	-
iii	ROAD	1.000	44.300	3.150	0.100	0.000	13.955	-
Total Quantity					15.15325 cum (cum)		15.15325 Cum (Cubic Meter)	
Amount					15.15325 X 1523.376132		23084.10	
<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	44.800	0.250	0.275	0.000	6.160	-
ii	END CUT OFF	2.000	3.150	0.250	0.275	0.000	0.433	-
iii	ROAD	1.000	44.800	3.650	0.100	0.000	16.352	-
Total Quantity					22.945125 cum (cum)		22.945125 Cum (Cubic Meter)	
Amount					22.945125 X 6668.0079103		152998.28	

#### 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	44.800	3.650	0.075	0.000	12.264	-
Total Quantity					12.264 cum (cum)		12.264 Cum (Cubic Meter)	
Amount					12.264 X 8373.6212511		102694.09	

#### 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- OUTSIDE	2.000	44.300	0.000	0.100	0.000	8.860	-
ii		2.000	3.150	0.000	0.100	0.000	0.630	-
iii	CUT OFF- OUTSIDE	2.000	44.800	0.000	0.275	0.000	24.640	-

iv		2.000	3.650	0.000	0.275	0.000	2.008	-
Total Quantity					36.1375 Sqm (Sqm)		36.1375 Sqm (Square Meter)	
Amount					36.1375 X 216.70813962884		7831.29	
Total Amount							288050.91	
<b>Addition</b>								
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							3949.09	
Provision for survey investigation and quality control (+) @							0.00	
Total Addition							11949.09	
Grand Net Total Amount							300000.00	

SUSHIL KUMAR SING  
JE  
Badasahi Block

DASHARATH MOHANTA  
AEE  
Badasahi Block

BANAJA DAS  
BDO  
Badasahi Block