

## Detailed Estimate

**OD/365/3487/120054/390378/00074751 : CONST. OF CC ROAD FROM PURUSOTTAM SINGHA HOUSE TO LATE  
BHIKARI BEHERA HOUSE AT MANGOBINDAPUR  
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	90.700	0.250	0.250	0.000	11.338	-
ii	END CUT OFF	2.000	3.150	0.250	0.250	0.000	0.394	-
Total Quantity					11.73125 cum (cum)		11.73125 Cum (Cubic Meter)	
Amount					11.73125 X 240.77592		2824.60	
<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	90.700	0.250	0.050	0.000	2.268	-
ii	END CUT OFF	2.000	3.150	0.250	0.050	0.000	0.079	-
iii	ROAD	1.000	90.200	3.150	0.100	0.000	28.413	-
Total Quantity					30.75925 cum (cum)		30.75925 Cum (Cubic Meter)	
Amount					30.75925 X 1523.376132		46857.91	
<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	90.700	0.250	0.275	0.000	12.471	-
ii	END CUT OFF	2.000	3.150	0.250	0.275	0.000	0.433	-
iii	CC ROAD	1.000	90.700	3.650	0.100	0.000	33.106	-
Total Quantity					46.009875 cum (cum)		46.009875 Cum (Cubic Meter)	
Amount					46.009875 X 6668.0079103		306794.21	

**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	90.700	3.650	0.075	0.000	24.829	-
Total Quantity					24.829125 cum (cum)		24.829125 Cum (Cubic Meter)	
Amount					24.829125 X 8373.6212511		207909.69	

**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	90.200	0.000	0.100	0.000	18.040	-
ii		2.000	3.150	0.000	0.100	0.000	0.630	-

iii	CUT OFF- OUTSIDE	2.000	90.700	0.000	0.275	0.000	49.885	-
iv		2.000	3.650	0.000	0.275	0.000	2.008	-
Total Quantity					70.5625 Sqm (Sqm)		70.5625 Sqm (Square Meter)	
Amount					70.5625 X 216.70813962884		15291.47	
Total Amount							579677.88	
<b>Addition</b>								
Provision for Contingency (+) @							6000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							9322.12	
Provision for survey investigation and quality control (+) @							0.00	
Total Addition							20322.12	
Grand Net Total Amount							600000.00	

**SUSHIL KUMAR SING**  
JE  
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**BANAJA DAS**  
BDO  
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