

Detailed Estimate

**OD/365/3487/120053/390751/00074682 : CONST. OF CC ROAD FROM SUDARSAN UPADHAY HOUSE TO PRATAP
ROUT HOUSE CONNER AT PRUTHUNATHPUR SASAN**

Block : Badasahi, Gram Panchayat : Manatri

Created By: SUSHIL KUMAR SING

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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CUT OFF	2.000	83.700	0.250	0.250	0.000	10.463	-
ii	END CUT OFF	2.000	2.850	0.250	0.250	0.000	0.356	-
Total Quantity					10.81875 cum (cum)		10.81875 Cum (Cubic Meter)	
Amount					10.81875 X 240.77592		2604.89	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CUT OFF	2.000	83.700	0.250	0.050	0.000	2.093	-
ii	END CUT OFF	2.000	2.850	0.250	0.050	0.000	0.071	-
iii	ROAD	1.000	83.200	2.850	0.100	0.000	23.712	-
Total Quantity					25.87575 cum (cum)		25.87575 Cum (Cubic Meter)	
Amount					25.87575 X 1457.625132		37717.14	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								

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	83.700	0.250	0.275	0.000	11.509	-
ii	END CUT OFF	2.000	2.850	0.250	0.275	0.000	0.392	-
iii	ROAD	1.000	83.700	3.350	0.100	0.000	28.040	-
Total Quantity					39.940125 cum (cum)		39.940125 Cum (Cubic Meter)	
Amount					39.940125 X 6437.2696733		257105.36	

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	83.700	3.350	0.075	0.000	21.030	-
Total Quantity					21.029625 cum (cum)		21.029625 Cum (Cubic Meter)	
Amount					21.029625 X 8144.2970141		171271.51	

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	83.200	0.000	0.100	0.000	16.640	-
ii		2.000	2.850	0.000	0.100	0.000	0.570	-

iii	CUT OFF- OUTSIDE	2.000	83.700	0.000	0.275	0.000	46.035	-
iv		2.000	3.350	0.000	0.275	0.000	1.843	-
Total Quantity					65.0875 Sqm (Sqm)		65.0875 Sqm (Square Meter)	
Amount					65.0875 X 216.70813962884		14104.99	
Total Amount							482803.90	
Addition								
Provision for Contingency (+) @							5000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							7196.10	
Provision for survey investigation and quality control (+) @								
Total Addition							17196.10	
Grand Net Total Amount							500000.00	

SUSHIL KUMAR SING
JE
Badasahi Block

DASHARATH MOHANTA
AEE
Badasahi Block

BANAJA DAS
BDO
Badasahi Block