

Detailed Estimate

OD/365/3507/120344/387886/00077294 : Const of CC road from PMGSY road to Bhandadhuli house in Harijon Sahi
Block : Saraskana, Gram Panchayat : Bhursani
Created By:Binay Kumar Tiriya

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	Cutoff	2.000	72.000	0.230	0.230	0.000	7.618	-
Total Quantity					7.6176 cum (cum)		7.6176 Cum (Cubic Meter)	
Amount					7.6176 X 240.77592		1834.13	
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	Road	1.000	72.000	3.150	0.075	0.000	17.010	-
Total Quantity					17.01 cum (cum)		17.01 Cum (Cubic Meter)	
Amount					17.01 X 1090.793132		18554.39	
3. 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	Road	2.000	72.000	0.000	0.200	0.000	28.800	-
Total Quantity					28.8 Sqm (Sqm)		28.8 Sqm (Square Meter)	

Amount			28.8 X 216.23489289764				6227.56	
4. 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	Cutoff	2.000	72.000	0.230	0.230	0.000	7.618	-
ii	Road	1.000	72.000	3.600	0.100	0.000	25.920	-
Total Quantity					33.5376 cum (cum)		33.5376 Cum (Cubic Meter)	
Amount			33.5376 X 6046.5790493				202787.75	
5. 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 specifaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	72.000	3.600	0.080	0.000	20.736	-
Total Quantity					20.736 cum (cum)		20.736 Cum (Cubic Meter)	
Amount			20.736 X 7778.0245541				161285.12	
Total Amount							390688.96	
Addition								
Provision for Contingency (+) @							4000.00	
Display Citizen Board (+) @							4000.00	
Any Other Lumpsum (+) @							1311.00	
Provision for survey investigation and quality control (+) @								
Total Addition							9311.00	

Grand Net Total Amount	399999.96
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Binay Kumar Tiriya
JE
Saraskana Block

Gagan Bihari Mohanty
AEE
Saraskana Block

Suman Raja Mohanty
BDO
Saraskana Block