

Detailed Estimate

OD/365/3489/120089/389554/00074290 : Const of CC Road with Culvert at Hotasahi.
Block : Bangriposi, Gram Panchayat : Kalabadia
Created By: Sushmita Naik

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	cuttoff	2.000	141.000	0.830	0.830	0.000	194.270	-
Total Quantity					194.2698 Cft (Cubic Foot)		5.50109907264 Cum (Cubic Meter)	
Amount					5.50109907264 X 240.77592		1324.53	
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	cuttoff	2.000	141.000	0.830	0.330	0.000	77.240	-
ii	base	1.000	100.000	11.250	0.330	0.000	371.250	-
iii		1.000	41.000	16.000	0.330	0.000	216.480	-
Total Quantity					664.9698 Cft (Cubic Foot)		18.82981683264 Cum (Cubic Meter)	
Amount					18.82981683264 X 959.291132		18063.28	
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	cuttoff	4.000	141.000	0.000	0.500	0.000	282.000	-
ii	side	2.000	141.000	0.000	0.660	0.000	186.120	-
iii	slab	1.000	14.000	6.000	0.000	0.000	84.000	-
iv		1.000	16.830	4.830	0.000	0.000	81.289	-
Total Quantity					633.4089 Sft (Square Foot)		58.8455870367 Sqm (Square Meter)	
Amount					58.8455870367 X 216.23489289764		12724.47	

4. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position

Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	rod	0.000	0.000	0.000	0.000	4.860	4.860	-
Total Quantity					4.86 Qntl (Quintal)		4.86 Qntl (Quintal)	
Amount					4.86 X 8418.7915619		40915.33	

5. 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	wall cuttoff	2.000	141.000	0.830	0.500	0.000	117.030	-
ii	base	1.000	100.000	11.250	0.330	0.000	371.250	-
iii		1.000	41.000	16.000	0.330	0.000	216.480	-
Total Quantity					704.76 Cft (Cubic Foot)		19.956547968 Cum (Cubic Meter)	

Amount		19.956547968 X 5736.298535					114476.72	
6. R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips								
Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (excluding centring and shuttering)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	slab 1	1.000	14.000	6.000	0.830	0.000	69.720	-
ii	slab 2	1.000	16.830	4.830	1.000	0.000	81.289	-
Total Quantity					151.0089 Cft (Cubic Foot)		4.27608881952 Cum (Cubic Meter)	
Amount		4.27608881952 X 6205.45274115					26535.07	
7. Concrete (AR0307) : First floor								
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	base	1.000	100.000	11.250	0.330	0.000	371.250	-
ii		1.000	41.000	16.000	0.330	0.000	216.480	-
iii		1.000	164.000	12.000	0.330	0.000	649.440	-
Total Quantity					1237.17 Cft (Cubic Foot)		35.032695456 Cum (Cubic Meter)	
Amount		35.032695456 X 7863.09947					275465.57	
Total Amount							489504.96	
Addition								
Provision for Contingency (+) @							5000.00	

Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	495.00
Provision for survey investigation and quality control (+) @	
Total Addition	10495.00
Grand Net Total Amount	499999.96

Sushmita Naik
JE
Bangriposi Block

Suvenu Kumar Naik
AEE
Bangriposi Block

Paramananda Khandei
BDO
Bangriposi Block