

## PART

## Cost of Construction Materials

	Unit	Typical CMU Construction Estimates in St. Marc Haiti	Estimate 1 - \$1000/m <sup>2</sup>	Estimate 2 - \$400/m <sup>2</sup>	Estimate 3 - \$320/m <sup>2</sup>
1		Rebar (ridged)			
2		1/2"	\$1.10 / kg	\$8.75 / 9 m bar	\$9 / 9 m bar
3		3/8"	\$1.10 / kg	\$6.25 / 9 m bar	\$5 / 9 m bar
4		1/4"	\$1.10 / kg	\$1.50 / 9 m bar	\$2.25 / 9 m bar
5		5/8"	\$1.10 / kg	\$26 / 9-12 m bar	
6	1 bag = 42.5 kg	Cement	\$7.5	\$8.13	\$7.5
7	m <sup>3</sup>	Sand *	\$16.25	\$16.67	\$21.25
8	\$0.52/ Unit	Crushed gravel *	\$21.25	\$25	\$25
9		CMU (ext. walls) 15x40x20 cm	\$0.52	\$3.12	\$0.5
10	Unit	CMU (int. walls) 10x40x20 cm	\$0.47	\$2.5	\$0.38
11		Steel ties (for rebar)	\$1.38 / kg		
12	m <sup>3</sup>	Flat Rocks (used for foundations)	\$35		\$25
13	m <sup>3</sup>	Limestone-hard (used for foundations)	\$21.25	\$20.83	\$22.5
14		Plywood			
15	Sheet	3/4"	\$42.50 (unprocessed)	\$35	\$40
16	Sheet	1/2"		\$26.25	\$26.25
17	Sheet	1/4"		\$13.75	\$13.13
18	Unit	Wood 1"x4"x16"		\$8 / unit	\$6.88 / unit
19		Nails (6",8")	\$1.94 / kg	\$25.62 - 31.25 / case	
20		Boards 1"X12"X16"		\$25	\$21.25
21	Unit (3m x 1m)	Metal Sheets (for roofing)	\$1.88		\$1.75
22		Windows - Sliding	\$215.20 / m <sup>2</sup>		
23		Windows - Rotating Panels	\$134.50 / m <sup>2</sup>		
24	Unit	Door - Wood	\$312.50 - \$437.50		\$62.50 (prefab)

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25					
26		Bathroom sink (fixture alone)	\$160		\$150-93.75
27		Bathroom sink (fixture + installation)	\$437.5		
28		Toilet (fixture alone)	\$150		\$118.75 - 68.75
29		Toilet (fixture + plumbing incorporation)	\$375		
30		Refrigerator	\$487 - 875		\$700-800
31		Kitchen Sink	\$100 - \$112.50		\$150-118.75
32		Counters			
33		Cabinets			
34		Gardening			
35	m <sup>2</sup>	Flooring - Ceramic Tile			\$13.75
36		Ovens			\$700
37		Incorporation of electricity	\$125 per room		
38		Water	\$2.02 / m <sup>3</sup>		
39		Electricity	\$0.32 / Kw		
40		<b>Estimations</b>			
41		Skilled Labor	\$10-12.50 / day		
42		Construction Costs	\$1000/ m <sup>2</sup>	\$400/ sq m (max)	\$325/ sq m
43		Unskilled Labor	\$6.25 / day	\$6.24 / day	
44		Unskilled Labor Supervisor		\$11.25 / day	
45		<b>Labor</b>	\$350-400 / sq. m	\$40-60 / sq. m	
46			% of ttl construction cost	% of ttl construction cost	
47		Miscellaneous	10%		
48		Transportation & Handling	7%		
49		Supervision & Execution (Engineering)	10-20%	12-15%	
50		Architect Costs	5-7%	4-7%	
51		Labor (including electricians/plumbers)	15%-25%		