

CONSTRUCTION OF TWO CLASSROOMS EL NARANJO MIDDLE SCHOOL AND HIGH SCHOOL, LA LIBERTAD, PETEN, GUATEMALA

Category	Description	Unit Cost	Quantity	Available	Required	Total cost in US\$	Notes	
	Two Classrooms							
Construction materials	Cement bags	\$8.70	250	110	140	\$1,218.00		
	Sand (truck load)	\$774.00	1.5	0.5	1	\$774.00		
	Gravel (truck load)	\$774.00	1.5	0.5	1	\$774.00		
	Cinder blocks	\$0.83	1500	500	1000	\$830.00		
	Quarries materials (truck load)	\$110.00	2	1	1	\$110.00		
	Steel bars 3/8" qq	\$43.87	16	8	8	\$350.96		
	Steel bars 1/4"	\$45.00	8	5	3	\$135.00		
	Tying wire	\$1.60	100	75	25	\$40.00		
	4x2" x 20' Ch 14 metal beam	\$57.00	4	0	4	\$228.00		
	4x2" x 20' ch 16 metal beam	\$38.70	6	0	6	\$232.20		
	4x2"x17.5 m ch 16 purling	\$48.39	22	0	22	\$1,064.58		
	3" nails (pounds)	\$1.60	30	15	15	\$24.00		
	3" iron nails box	\$6.00	10	10	0	\$0.00		
	2.35 x 6 m. steel mesh	\$33.00	10	10	0	\$0.00		
	Cal 26 roofing sheets x 4.2 m	\$43.00	18	0	18	\$774.00		
	Cal 26 roofing sheets x 5.3 m	\$54.00	18	0	18	\$972.00		
	Roofing sheet screws	\$0.16	800	0	800	\$128.00		
	Roof ridge cap (units)	\$12.00	9	0	9	\$108.00		
	Truck trips	\$50.00	5	5	0	\$0.00		
	Welding rod pounds	\$3.00	20	0	20	\$60.00		
	Cutting disk 7"	\$5.50	6	0	6	\$33.00		
	Cutting disk 4.5"	\$2.50	8	0	8	\$20.00		
	Grinder disk 4.5	\$2.50	3	3	0	\$0.00		
	Anticorrosive silver spray paint	\$5.00	2	0	2	\$10.00		
	Metal doors	\$210.00	2	0	2	\$420.00		
	Windows protection bars	\$150.00	8	0	8	\$1,200.00		
	Wall paint (5 gal bucket)	\$40.00	6	0	6	\$240.00		
	Flexible electrical conduit pipe (box)	\$12.00	4	0	4	\$48.00		
	Electrical wire #12 (box)	\$86.66	6	0	6	\$519.96		
	Double power sockets	\$4.50	4	0	4	\$18.00		
	4x2 electrical wall boxes	\$1.00	6	0	6	\$6.00		
	double wall switches	\$4.80	2	0	2	\$9.60		
	Socket and bulbs	\$10.50	4	0	4	\$42.00		
	New-wall paint (5 gal bucket)	\$55.00	6	0	6	\$330.00		
	Thinner (galons)	\$10.00	6	0	6	\$60.00		
	Paint roller kit	\$7.00	3	0	3	\$21.00		
	Paint roller cover	\$5.00	6	0	6	\$30.00		
	Paintbrushes 4"	\$2.75	4	0	4	\$11.00		
	Paintbrushes 2.5"	\$2.00	6	0	6	\$12.00		
	1"x10"x15' wood plank	\$15.00	15	0	15	\$225.00		
	2"x2"x15' wood beam	\$6.00	10	0	10	\$60.00		
	1"x 3" x 15'	\$4.50	10	0	10	\$45.00		
	Tools fund	\$200.00	1	1	0	\$0.00		
		Sub-total					\$11,183.30	
		Managua-Guatemala-Managua ticke	\$800.00	1			\$800.00	
		Sub-total					\$800.00	
		Masonry (labor days)	\$26.66	65			\$1,732.90	
		Builder assistant (labor days)	\$13.50	65			\$877.50	
		Welder	\$96.00	7			\$672.00	
		Sub-total					\$3,282.40	
		TOTAL TWO CLASSROOMS					\$15,265.70	