

Estimate Detail

Description	Quantity	Unit	Cost/Unit	Amount
1 - Foundation Work	14,060.00	sf	\$ 20.50	\$ 288,281
031000.00 - Concrete Forming & Accessories	-			\$ 146,983
Column forms; square, job built; 36" x 36"; 4 uses	1,055.21	sf	\$ 15.08	\$ 15,916
Footing forms, job built; continuous wall; 4 uses	1,170.00	sf	\$ 10.21	\$ 11,944
Footing forms, job built; column footing, spread; 4 uses	582.00	sf	\$ 12.03	\$ 6,999
Slab forms, job built; edge; 6" high; 4 uses	99.00	lf	\$ 9.58	\$ 948
Slab forms, job built; edge; 12" high; 4 uses	48.00	lf	\$ 10.21	\$ 490
Wall forms, job built; exterior; up to 8' high; 4 uses	5,850.00	sf	\$ 10.61	\$ 62,061
Keyway form (5 uses); 2" x 4"	585.00	lf	\$ 5.55	\$ 3,245
Chamfer strip; wood; 3/4" wide	444.64	lf	\$ 2.71	\$ 1,204
Expansion joint, premolded, in slabs; polyethylene foam; 1/2" x 6"	550.00	lf	\$ 3.77	\$ 2,073
Vapor barrier; 6 mil polyethylene	13,673.00	sf	\$ 0.33	\$ 4,472
Gravel porous fill, under floor slab, 3/4" stone	258.11	cy	\$ 145.79	\$ 37,630
032000.00 - Concrete Reinforcing	-			\$ 34,539
Wall rebar; concrete; #3 - #4	0.86	ton	\$ 3,263.40	\$ 2,807
Column rebar; #3 - #4	0.27	ton	\$ 4,651.80	\$ 1,265
Column rebar; #5 - #6	0.38	ton	\$ 3,809.74	\$ 1,459
Footing rebar; grade 60; #3 - #4	1.24	ton	\$ 3,494.81	\$ 4,316
Footing rebar; grade 60; #5 - #6	0.99	ton	\$ 3,038.40	\$ 2,996
Slab rebar; #3 - #4	6.21	ton	\$ 3,494.80	\$ 21,696
033000.00 - Cast-in-Place Concrete	-			\$ 98,205
Column concrete; 2500 or 3000 psi; by pump	22.61	cy	\$ 269.12	\$ 6,086
Continuous footing concrete; 2500 or 3000 psi; by chute	28.89	cy	\$ 171.76	\$ 4,962
Spread footing concrete; 2500 or 3000 psi; under 5 cy; by chute	27.33	cy	\$ 171.76	\$ 4,695
Slab on grade concrete; 3500 or 4000 psi; by chute	259.89	cy	\$ 173.82	\$ 45,173
Wall concrete; 2500 or 3000 psi; to 4'; by chute	72.22	cy	\$ 167.22	\$ 12,077
Floor finish; screed	13,938.00	sf	\$ 1.19	\$ 16,598
Wall finish; break ties and patch holes	2,925.00	sf	\$ 1.91	\$ 5,573
Concrete curing; sprayed membrane; slabs	13,938.00	sf	\$ 0.22	\$ 3,042
036000.00 - Grouting	-			\$ 4,466
Grouting for bases; non-shrink; non-metallic; 2" deep	126.33	sf	\$ 35.35	\$ 4,466
072000.00 - Thermal Protection	-			\$ 4,089
Board insulation; polystyrene; wall; 2" thick, R8.33	2,475.00	sf	\$ 1.65	\$ 4,089
2 - Superstructure Work	17,500.00	gsf	\$ 27.58	\$ 482,586
032000.00 - Concrete Reinforcing	-			\$ 2,144
Slab wire mesh; standard; 6" x 6"; W1.4 x W1.4	3,125.00	sf	\$ 0.69	\$ 2,144
033000.00 - Cast-in-Place Concrete	-			\$ 12,585
Elevated slab concrete; 2500 or 3000 psi; by pump	40.99	cy	\$ 199.59	\$ 8,182
Floor finish; screed	3,125.00	sf	\$ 1.19	\$ 3,721
Concrete curing; sprayed membrane; slabs	3,125.00	sf	\$ 0.22	\$ 682
051000.00 - Structural Metal Framing	-			\$ 15,276
Structural steel; beams and girders, A-36; bolted	1.85	ton	\$ 4,203.52	\$ 7,768
Structural steel; tube; greater than 6" wide rectangular; heavy sections	1.41	ton	\$ 5,317.34	\$ 7,508
052000.00 - Metal Joists	-			\$ 27,668
Metal joist; K series	9.76	ton	\$ 2,834.25	\$ 27,668
053000.00 - Metal Decking	-			\$ 15,229
Metal deck; open type, galvanized; 1 1/2" deep; 20 ga	3,125.00	sf	\$ 4.87	\$ 15,229
055000.00 - Metal Fabrications	-			\$ 25,354
Metal stair; pan type with cement fill, steel; per riser; tread; 4' wide	21.00	each	\$ 413.57	\$ 8,685
Metal stair; pan type with cement fill, steel; per riser; landing	41.00	sf	\$ 130.55	\$ 5,353
Railing, pipe; 1 1/2" dia, welded steel; 3-rail; galvanized	120.00	lf	\$ 81.55	\$ 9,786
Railing, pipe; 1 1/2" dia, welded steel; wall mounted, single rail; galvanized	35.00	lf	\$ 43.72	\$ 1,530
078000.00 - Fire & Smoke Protection	-			\$ 9,661
Fireproofing; sprayed on; 1" thick; on beams	387.27	sf	\$ 3.38	\$ 1,309
Fireproofing; sprayed on; 1" thick; on columns	120.89	sf	\$ 3.15	\$ 381
Fireproofing; sprayed on; 1" thick; on decks; fluted surface	3,125.00	sf	\$ 2.55	\$ 7,971
081000.00 - Doors & Frames	-			\$ 6,319
Hollow metal frame, stock; 16 ga; 6 3/4" x 1 3/4"; 3'-0" x 7'-0"	5.00	each	\$ 327.76	\$ 1,639
Hollow metal frame, stock; 16 ga; 6 3/4" x 1 3/4"; 6'-0" x 7'-0"	1.00	each	\$ 435.35	\$ 435
Flush hollow metal door; heavy duty, unrated; 18 ga; 1 3/4" thick; 3'-0" x 7'-0"	7.00	each	\$ 606.39	\$ 4,245
083000.00 - Specialty Doors & Frames	-			\$ 8,843
Sectional metal overhead door, complete; commercial grade; 12' x 12'	3.00	each	\$ 2,947.50	\$ 8,843
085000.00 - Windows	-			\$ 1,077

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Steel window, primed; industrial; fixed sash	18.00	sf	\$ 59.82	\$ 1,077
087000.00 - Hardware	-			\$ 5,951
Hinges; 4" x 4" butts, steel, standard	10.50	pair	\$ 31.00	\$ 326
Latchset, heavy duty; mortise	1.00	each	\$ 299.75	\$ 300
Mortise locks and latchsets, chrome; entry lockset	6.00	each	\$ 402.29	\$ 2,414
Door closer; surface mounted, traditional type, parallel arm; heavy duty	7.00	each	\$ 415.94	\$ 2,912
133000.00 - Special Structures	-			\$ 352,481
Pre-engineered metal building; 100' x 150'; 25' eave height	14,060.00	sf	\$ 25.07	\$ 352,481
3 - Interiors Work	17,500.00	gsf	\$ 8.16	\$ 142,815
061000.00 - Rough Carpentry	-			\$ 646
Blocking; steel construction; walls; 2" x 6"	72.00	lf	\$ 8.98	\$ 646
072000.00 - Thermal Protection	-			\$ 6,543
Batt insulation; wall, fiberglass; unfaced; 4" thick, R11	4,700.00	sf	\$ 1.39	\$ 6,543
081000.00 - Doors & Frames	-			\$ 14,475
Hollow metal frame, stock; 16 ga; 4 3/4" x 1 3/4"; sidelight, complete; 1'-0" x 7'-2"	7.00	each	\$ 562.76	\$ 3,939
Hollow metal frame, stock; 16 ga; 5 3/4" x 1 3/4"; 3'-0" x 7'-0"	13.00	each	\$ 317.76	\$ 4,131
Hollow metal frame, stock; 16 ga; 5 3/4" x 1 3/4"; 6'-0" x 7'-0"	1.00	each	\$ 390.35	\$ 390
Wood door; solid core; 1 3/4" thick; birch faced; 3'-0" x 7'-0"	15.00	each	\$ 400.94	\$ 6,014
083000.00 - Specialty Doors & Frames	-			\$ 4,896
Top coiling grille, manually operated, steel or aluminum; opening; 6' high x 16' wide	1.00	each	\$ 4,896.43	\$ 4,896
087000.00 - Hardware	-			\$ 6,140
Hinges; 4" x 4" butts, steel, standard	22.50	pair	\$ 31.00	\$ 698
Latchset, heavy duty; cylindrical	1.00	each	\$ 255.47	\$ 255
Lockset, heavy duty; cylindrical	14.00	each	\$ 370.47	\$ 5,187
092000.00 - Plaster & Gypsum Board	-			\$ 46,881
Metal framing; furring; on walls; 7/8" channel; 16" o.c.	1,987.50	sf	\$ 3.52	\$ 6,997
Metal framing; studs, non-load bearing, galvanized; 3 5/8"; 20 ga; 16" o.c.	4,700.00	sf	\$ 2.77	\$ 12,998
Scratch coat; for ceramic tile	46.67	sy	\$ 13.07	\$ 610
Drywall; plasterboard; 5/8"; nailed or screwed to walls	10,937.50	sf	\$ 1.56	\$ 17,013
Drywall; add for fire resistant	10,487.50	sf	\$ 0.12	\$ 1,259
Drywall; add for water resistant	450.00	sf	\$ 0.19	\$ 86
Drywall; add for taping and finishing joints; average	10,937.50	sf	\$ 0.72	\$ 7,920
093000.00 - Tiling	-			\$ 11,836
Tile; glazed ceramic wall; 4 1/4" x 4 1/4"; average	420.00	sf	\$ 12.05	\$ 5,061
Tile; glazed ceramic base; 4 1/4" high; average	105.00	lf	\$ 17.77	\$ 1,866
Tile; unglazed ceramic flooring; portland cement bed, cushion edge, face mounted; 2" x 2"	275.00	sf	\$ 17.85	\$ 4,909
095000.00 - Ceilings	-			\$ 18,134
Acoustical panels; mineral fiber; 3/4" thick; 2' x 2'	2,920.00	sf	\$ 3.65	\$ 10,648
Ceiling suspension system; T-bar; 2' x 2'	2,920.00	sf	\$ 2.56	\$ 7,487
096000.00 - Flooring	-			\$ 22,678
Resilient wall base, vinyl; group 1; 4" high	690.00	lf	\$ 4.89	\$ 3,375
Resilient flooring; solid vinyl tile, 1/8" thick, 12" x 12"; solid colors	140.00	sf	\$ 9.37	\$ 1,312
Carpet; tile; foam backed; average	2,560.00	sf	\$ 7.03	\$ 17,991
099000.00 - Painting & Coating	-			\$ 4,030
Paint ceilings; spray; first coat; average	20.00	sf	\$ 0.38	\$ 8
Paint ceilings; spray; second coat; average	20.00	sf	\$ 0.33	\$ 7
Paint walls; spray; first coat; average	6,735.00	sf	\$ 0.31	\$ 2,063
Paint walls; spray; second coat; average	6,735.00	sf	\$ 0.29	\$ 1,954
102000.00 - Interior Specialties	-			\$ 6,556
Toilet partition; metal; floor mounted	2.00	each	\$ 1,036.88	\$ 2,074
Toilet partition; wheelchair accessible; painted metal; floor mounted	2.00	each	\$ 1,436.88	\$ 2,874
Toilet partition; urinal screen; painted metal; floor mounted	2.00	each	\$ 555.94	\$ 1,112
Grab bar, wall mounted; 1 1/2" dia; stainless steel; 36" long	2.00	each	\$ 119.13	\$ 238
Grab bar, wall mounted; 1 1/2" dia; stainless steel; 42" long	2.00	each	\$ 129.20	\$ 258
4 - Building Services Work	17,500.00	gsf	\$ 34.00	\$ 595,000
210000.00 - Fire Suppression - General	-			\$ 70,000
Fire Suppression Quote	17,500.00	gsf	\$ 4.00	\$ 70,000
220000.00 - Plumbing - General	-			\$ 131,250
Plumbing Quote	17,500.00	gsf	\$ 7.50	\$ 131,250
230000.00 - HVAC - General	-			\$ 183,750

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HVAC Quote	17,500.00	gsf	\$ 10.50	\$ 183,750
260000.00 - Electrical - General	-			\$ 210,000
Electrical Power & Lighting Quote	17,500.00	gsf	\$ 12.00	\$ 210,000
Trade Cost Subtotal				\$ 1,508,681
General Conditions				\$ 105,608
Construction Cost Subtotal				\$ 1,614,289
Fee				\$ 80,714
Insurance				\$ 25,425
				\$ 1,720,429