

Estimate Detail

Description	Quantity	Unit	Cost/Unit	Amount
<b>03 - CONCRETE</b>	-			<b>\$ 340,875</b>
<b>031000.00 - Concrete Forming &amp; Accessories</b>	-			<b>\$ 167,612</b>
<b>031113.15 - Column Formwork</b>	-			<b>\$ 18,149</b>
Column forms; square, job built; 36" x 36"; 4 uses	1,055.21	sf	\$ 17.20	\$ 18,149
<b>031113.35 - Footing Formwork</b>	-			<b>\$ 21,602</b>
Footing forms, job built; continuous wall; 4 uses	1,170.00	sf	\$ 11.64	\$ 13,621
Footing forms, job built; column footing, spread; 4 uses	582.00	sf	\$ 13.71	\$ 7,982
<b>031113.55 - Slab/Mat Formwork</b>	-			<b>\$ 1,640</b>
Slab forms, job built; edge; 6" high; 4 uses	99.00	lf	\$ 10.92	\$ 1,082
Slab forms, job built; edge; 12" high; 4 uses	48.00	lf	\$ 11.64	\$ 559
<b>031113.65 - Wall Formwork</b>	-			<b>\$ 70,771</b>
Wall forms, job built; exterior; up to 8' high; 4 uses	5,850.00	sf	\$ 12.10	\$ 70,771
<b>031113.90 - Miscellaneous Formwork</b>	-			<b>\$ 5,074</b>
Keyway form (5 uses); 2" x 4"	585.00	lf	\$ 6.33	\$ 3,701
Chamfer strip; wood; 3/4" wide	444.64	lf	\$ 3.09	\$ 1,373
<b>031516.00 - Concrete Construction Joints</b>	-			<b>\$ 2,364</b>
Expansion joint, premolded, in slabs; polyethylene foam; 1/2" x 6"	550.00	lf	\$ 4.30	\$ 2,364
<b>031550.00 - Miscellaneous Concrete Accessories</b>	-			<b>\$ 48,011</b>
Vapor barrier; 6 mil polyethylene	13,673.00	sf	\$ 0.37	\$ 5,100
Gravel porous fill, under floor slab, 3/4" stone	258.11	cy	\$ 166.25	\$ 42,911
<b>032000.00 - Concrete Reinforcing</b>	-			<b>\$ 41,831</b>
<b>032111.00 - Plain Steel Reinforcement Bars</b>	-			<b>\$ 39,386</b>
Wall rebar; concrete; #3 - #4	0.86	ton	\$ 3,721.42	\$ 3,200
Column rebar; #3 - #4	0.27	ton	\$ 5,304.69	\$ 1,443
Column rebar; #5 - #6	0.38	ton	\$ 4,344.45	\$ 1,664
Footing rebar; grade 60; #3 - #4	1.24	ton	\$ 3,985.31	\$ 4,922
Footing rebar; grade 60; #5 - #6	0.99	ton	\$ 3,464.84	\$ 3,416
Slab rebar; #3 - #4	6.21	ton	\$ 3,985.30	\$ 24,741
<b>032211.00 - Plain Steel Welded Wire Fabric Reinforcing</b>	-			<b>\$ 2,444</b>
Slab wire mesh; standard; 6" x 6"; W1.4 x W1.4	3,125.00	sf	\$ 0.78	\$ 2,444
<b>033000.00 - Cast-in-Place Concrete</b>	-			<b>\$ 126,340</b>
<b>033100.15 - Column Concrete</b>	-			<b>\$ 6,940</b>
Column concrete; 2500 or 3000 psi; by pump	22.61	cy	\$ 306.89	\$ 6,940
<b>033100.20 - Elevated Slab Concrete</b>	-			<b>\$ 9,330</b>
Elevated slab concrete; 2500 or 3000 psi; by pump	40.99	cy	\$ 227.61	\$ 9,330
<b>033100.35 - Footing Concrete</b>	-			<b>\$ 11,012</b>
Continuous footing concrete; 2500 or 3000 psi; by chute	28.89	cy	\$ 195.86	\$ 5,658
Spread footing concrete; 2500 or 3000 psi; under 5 cy; by chute	27.33	cy	\$ 195.86	\$ 5,353
<b>033100.55 - Slab/Mat Concrete</b>	-			<b>\$ 51,513</b>
Slab on grade concrete; 3500 or 4000 psi; by chute	259.89	cy	\$ 198.21	\$ 51,513
<b>033100.65 - Wall Concrete</b>	-			<b>\$ 13,772</b>
Wall concrete; 2500 or 3000 psi; to 4'; by chute	72.22	cy	\$ 190.69	\$ 13,772
<b>033529.00 - Tooled Concrete Finishing</b>	-			<b>\$ 29,526</b>
Floor finish; screed	17,063.00	sf	\$ 1.36	\$ 23,171
Wall finish; break ties and patch holes	2,925.00	sf	\$ 2.17	\$ 6,355
<b>033923.00 - Membrane Concrete Curing</b>	-			<b>\$ 4,247</b>
Concrete curing; sprayed membrane; slabs	17,063.00	sf	\$ 0.25	\$ 4,247
<b>036000.00 - Grouting</b>	-			<b>\$ 5,092</b>
<b>036213.00 - Non-Metallic Non-Shrink Grouting</b>	-			<b>\$ 5,092</b>
Grouting for bases; non-shrink; non-metallic; 2" deep	126.33	sf	\$ 40.31	\$ 5,092
<b>05 - METALS</b>	-			<b>\$ 95,250</b>
<b>051000.00 - Structural Metal Framing</b>	-			<b>\$ 17,420</b>
<b>051223.00 - Structural Steel for Buildings</b>	-			<b>\$ 17,420</b>
Structural steel; beams and girders, A-36; bolted	1.85	ton	\$ 4,793.49	\$ 8,858
Structural steel; tube; greater than 6" wide rectangular; heavy sections	1.41	ton	\$ 6,063.64	\$ 8,562
<b>052000.00 - Metal Joists</b>	-			<b>\$ 31,551</b>
<b>052119.00 - Open Web Steel Joist Framing</b>	-			<b>\$ 31,551</b>
Metal joist; K series	9.76	ton	\$ 3,232.04	\$ 31,551
<b>053000.00 - Metal Decking</b>	-			<b>\$ 17,366</b>
<b>053113.00 - Steel Floor Decking</b>	-			<b>\$ 17,366</b>
Metal deck; open type, galvanized; 1 1/2" deep; 20 ga	3,125.00	sf	\$ 5.56	\$ 17,366

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Description	Quantity	Unit	Cost/Unit	Amount
<b>055000.00 - Metal Fabrications</b>	-			\$ 28,913
<b>055113.00 - Metal Pan Stairs</b>	-			\$ 16,008
Metal stair; pan type with cement fill, steel; per riser; tread; 4' wide	21.00	each	\$ 471.61	\$ 9,904
Metal stair; pan type with cement fill, steel; per riser; landing	41.00	sf	\$ 148.88	\$ 6,104
<b>055213.00 - Pipe &amp; Tube Railings</b>	-			\$ 12,905
Railing, pipe; 1 1/2" dia, welded steel; 3-rail; galvanized	120.00	lf	\$ 93.00	\$ 11,160
Railing, pipe; 1 1/2" dia, welded steel; wall mounted, single rail; galvanized	35.00	lf	\$ 49.86	\$ 1,745
<b>06 - WOOD, PLASTICS &amp; COMPOSITES</b>	-			\$ 737
<b>061000.00 - Rough Carpentry</b>	-			\$ 737
<b>061100.10 - Blocking</b>	-			\$ 737
Blocking; steel construction; walls; 2" x 6"	72.00	lf	\$ 10.24	\$ 737
<b>07 - THERMAL &amp; MOISTURE PROTECTION</b>	-			\$ 23,141
<b>072000.00 - Thermal Protection</b>	-			\$ 12,124
<b>072113.00 - Board Insulation</b>	-			\$ 4,663
Board insulation; polystyrene; wall; 2" thick, R8.33	2,475.00	sf	\$ 1.88	\$ 4,663
<b>072116.00 - Blanket Insulation</b>	-			\$ 7,461
Batt insulation; wall, fiberglass; unfaced; 4" thick, R11	4,700.00	sf	\$ 1.59	\$ 7,461
<b>078000.00 - Fire &amp; Smoke Protection</b>	-			\$ 11,017
<b>078116.00 - Cementitious Fireproofing</b>	-			\$ 11,017
Fireproofing; sprayed on; 1" thick; on beams	387.27	sf	\$ 3.85	\$ 1,493
Fireproofing; sprayed on; 1" thick; on columns	120.89	sf	\$ 3.59	\$ 434
Fireproofing; sprayed on; 1" thick; on decks; fluted surface	3,125.00	sf	\$ 2.91	\$ 9,090
<b>08 - OPENINGS</b>	-			\$ 54,394
<b>081000.00 - Doors &amp; Frames</b>	-			\$ 23,712
<b>081213.00 - Hollow Metal Frames</b>	-			\$ 12,013
Hollow metal frame, stock; 16 ga; 6 3/4" x 1 3/4"; 3'-0" x 7'-0"	5.00	each	\$ 373.76	\$ 1,869
Hollow metal frame, stock; 16 ga; 6 3/4" x 1 3/4"; 6'-0" x 7'-0"	1.00	each	\$ 496.45	\$ 496
Hollow metal frame, stock; 16 ga; 4 3/4" x 1 3/4"; sidelight, complete; 1'-0" x 7'-2"	7.00	each	\$ 641.75	\$ 4,492
Hollow metal frame, stock; 16 ga; 5 3/4" x 1 3/4"; 3'-0" x 7'-0"	13.00	each	\$ 362.36	\$ 4,711
Hollow metal frame, stock; 16 ga; 5 3/4" x 1 3/4"; 6'-0" x 7'-0"	1.00	each	\$ 445.14	\$ 445
<b>081313.00 - Hollow Metal Doors</b>	-			\$ 4,840
Flush hollow metal door; heavy duty, unrated; 18 ga; 1 3/4" thick; 3'-0" x 7'-0"	7.00	each	\$ 691.50	\$ 4,840
<b>081416.00 - Flush Wood Doors</b>	-			\$ 6,858
Wood door; solid core; 1 3/4" thick; birch faced; 3'-0" x 7'-0"	15.00	each	\$ 457.21	\$ 6,858
<b>083000.00 - Specialty Doors &amp; Frames</b>	-			\$ 15,667
<b>083326.00 - Overhead Coiling Grilles</b>	-			\$ 5,584
Top coiling grille, manually operated, steel or aluminum; opening; 6' high x 16' wide	1.00	each	\$ 5,583.66	\$ 5,584
<b>083613.00 - Sectional Doors</b>	-			\$ 10,084
Sectional metal overhead door, complete; commercial grade; 12' x 12'	3.00	each	\$ 3,361.19	\$ 10,084
<b>085000.00 - Windows</b>	-			\$ 1,228
<b>085123.00 - Steel Windows</b>	-			\$ 1,228
Steel window, primed; industrial; fixed sash	18.00	sf	\$ 68.22	\$ 1,228
<b>087000.00 - Hardware</b>	-			\$ 13,787
<b>087100.00 - Door Hardware</b>	-			\$ 13,787
Hinges; 4" x 4" butts, steel, standard	33.00	pair	\$ 35.35	\$ 1,167
Latchset, heavy duty; cylindrical	1.00	each	\$ 291.33	\$ 291
Latchset, heavy duty; mortise	1.00	each	\$ 341.82	\$ 342
Lockset, heavy duty; cylindrical	14.00	each	\$ 422.46	\$ 5,915
Mortise locks and latchsets, chrome; entry lockset	6.00	each	\$ 458.75	\$ 2,753
Door closer; surface mounted, traditional type, parallel arm; heavy duty	7.00	each	\$ 474.32	\$ 3,320
<b>09 - FINISHES</b>	-			\$ 118,094
<b>092000.00 - Plaster &amp; Gypsum Board</b>	-			\$ 53,461
<b>092213.00 - Metal Furring</b>	-			\$ 7,979
Metal framing; furring; on walls; 7/8" channel; 16" o.c.	1,987.50	sf	\$ 4.01	\$ 7,979
<b>092216.00 - Non-Structural Metal Framing</b>	-			\$ 14,822
Metal framing; studs, non-load bearing, galvanized; 3 5/8"; 20 ga; 16" o.c.	4,700.00	sf	\$ 3.15	\$ 14,822
<b>092423.00 - Cement Stucco</b>	-			\$ 696
Scratch coat; for ceramic tile	46.67	sy	\$ 14.90	\$ 696
<b>092900.00 - Gypsum Board</b>	-			\$ 29,964

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Description	Quantity	Unit	Cost/Unit	Amount
Drywall; plasterboard; 5/8"; nailed or screwed to walls	10,937.50	sf	\$ 1.77	\$ 19,400
Drywall; add for fire resistant	10,487.50	sf	\$ 0.14	\$ 1,435
Drywall; add for water resistant	450.00	sf	\$ 0.22	\$ 98
Drywall; add for taping and finishing joints; average	10,937.50	sf	\$ 0.83	\$ 9,031
<b>093000.00 - Tiling</b>	-			<b>\$ 13,497</b>
<b>093013.00 - Ceramic Tiling</b>	-			<b>\$ 13,497</b>
Tile; glazed ceramic wall; 4 1/4" x 4 1/4"; average	420.00	sf	\$ 13.74	\$ 5,771
Tile; glazed ceramic base; 4 1/4" high; average	105.00	lf	\$ 20.27	\$ 2,128
Tile; unglazed ceramic flooring; portland cement bed, cushion edge, face mounted; 2" x 2"	275.00	sf	\$ 20.35	\$ 5,598
<b>095000.00 - Ceilings</b>	-			<b>\$ 20,679</b>
<b>095113.00 - Acoustical Panel Ceilings</b>	-			<b>\$ 12,142</b>
Acoustical panels; mineral fiber; 3/4" thick; 2' x 2'	2,920.00	sf	\$ 4.16	\$ 12,142
<b>095323.00 - Metal Acoustical Ceiling Suspension Assemblies</b>	-			<b>\$ 8,537</b>
Ceiling suspension system; T-bar; 2' x 2'	2,920.00	sf	\$ 2.92	\$ 8,537
<b>096000.00 - Flooring</b>	-			<b>\$ 25,861</b>
<b>096513.00 - Resilient Base &amp; Accessories</b>	-			<b>\$ 3,849</b>
Resilient wall base, vinyl; group 1; 4" high	690.00	lf	\$ 5.58	\$ 3,849
<b>096519.00 - Resilient Tile Flooring</b>	-			<b>\$ 1,496</b>
Resilient flooring; solid vinyl tile, 1/8" thick, 12" x 12"; solid colors	140.00	sf	\$ 10.68	\$ 1,496
<b>096813.00 - Tile Carpeting</b>	-			<b>\$ 20,516</b>
Carpet; tile; foam backed; average	2,560.00	sf	\$ 8.01	\$ 20,516
<b>099000.00 - Painting &amp; Coating</b>	-			<b>\$ 4,596</b>
<b>099123.00 - Interior Painting</b>	-			<b>\$ 4,596</b>
Paint ceilings; spray; first coat; average	20.00	sf	\$ 0.43	\$ 9
Paint ceilings; spray; second coat; average	20.00	sf	\$ 0.37	\$ 7
Paint walls; spray; first coat; average	6,735.00	sf	\$ 0.35	\$ 2,352
Paint walls; spray; second coat; average	6,735.00	sf	\$ 0.33	\$ 2,228
<b>10 - SPECIALTIES</b>	-			<b>\$ 7,476</b>
<b>102000.00 - Interior Specialties</b>	-			<b>\$ 7,476</b>
<b>102113.13 - Metal Toilet Compartments</b>	-			<b>\$ 6,910</b>
Toilet partition; metal; floor mounted	2.00	each	\$ 1,182.40	\$ 2,365
Toilet partition; wheelchair accessible; painted metal; floor mounted	2.00	each	\$ 1,638.54	\$ 3,277
Toilet partition; urinal screen; painted metal; floor mounted	2.00	each	\$ 633.97	\$ 1,268
<b>102813.00 - Toilet Accessories</b>	-			<b>\$ 566</b>
Grab bar, wall mounted; 1 1/2" dia; stainless steel; 36" long	2.00	each	\$ 135.85	\$ 272
Grab bar, wall mounted; 1 1/2" dia; stainless steel; 42" long	2.00	each	\$ 147.33	\$ 295
<b>13 - SPECIAL CONSTRUCTION</b>	-			<b>\$ 401,952</b>
<b>133000.00 - Special Structures</b>	-			<b>\$ 401,952</b>
<b>133419.00 - Metal Building Systems</b>	-			<b>\$ 401,952</b>
Pre-engineered metal building; 100' x 150'; 25' eave height	14,060.00	sf	\$ 28.59	\$ 401,952
<b>21 - FIRE SUPPRESSION</b>	-			<b>\$ 79,825</b>
<b>210000.00 - Fire Suppression - General</b>	-			<b>\$ 79,825</b>
<b>210000.01 - Fire Suppression - Subcontractors</b>	-			<b>\$ 79,825</b>
Fire Suppression Quote	17,500.00	gsf	\$ 4.56	\$ 79,825
<b>22 - PLUMBING</b>	-			<b>\$ 149,671</b>
<b>220000.00 - Plumbing - General</b>	-			<b>\$ 149,671</b>
<b>220000.01 - Plumbing - Subcontractors</b>	-			<b>\$ 149,671</b>
Plumbing Quote	17,500.00	gsf	\$ 8.55	\$ 149,671
<b>23 - HVAC</b>	-			<b>\$ 209,540</b>
<b>230000.00 - HVAC - General</b>	-			<b>\$ 209,540</b>
<b>230000.01 - HVAC - Subcontractors</b>	-			<b>\$ 209,540</b>
HVAC Quote	17,500.00	gsf	\$ 11.97	\$ 209,540
<b>26 - ELECTRICAL</b>	-			<b>\$ 239,474</b>
<b>260000.00 - Electrical - General</b>	-			<b>\$ 239,474</b>
<b>260000.01 - Electrical - Subcontractors</b>	-			<b>\$ 239,474</b>
Electrical Power & Lighting Quote	17,500.00	gsf	\$ 13.68	\$ 239,474
				<b>\$ 1,720,429</b>