

Estimate Detail

Description	Quantity	Unit	Cost/Unit	Amount
<b>03 - CONCRETE</b>	-			<b>\$ 340,875</b>
<b>03100 - Concrete Forms &amp; Accessories</b>	-			<b>\$ 167,612</b>
Column forms; square, job built; 36" x 36"; 4 uses	1,055.21	sf	\$ 17.20	\$ 18,149
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
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
Wall forms, job built; exterior; up to 8' high; 4 uses	5,850.00	sf	\$ 12.10	\$ 70,771
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
Expansion joint, premolded, in slabs; polyethylene foam; 1/2" x 6"	550.00	lf	\$ 4.30	\$ 2,364
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>03200 - Concrete Reinforcement</b>	-			<b>\$ 41,831</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
Slab wire mesh; standard; 6" x 6"; W1.4 x W1.4	3,125.00	sf	\$ 0.78	\$ 2,444
<b>03300 - Cast-in-Place Concrete</b>	-			<b>\$ 126,340</b>
Column concrete; 2500 or 3000 psi; by pump	22.61	cy	\$ 306.89	\$ 6,940
Elevated slab concrete; 2500 or 3000 psi; by pump	40.99	cy	\$ 227.61	\$ 9,330
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
Slab on grade concrete; 3500 or 4000 psi; by chute	259.89	cy	\$ 198.21	\$ 51,513
Wall concrete; 2500 or 3000 psi; to 4'; by chute	72.22	cy	\$ 190.69	\$ 13,772
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
Concrete curing; sprayed membrane; slabs	17,063.00	sf	\$ 0.25	\$ 4,247
<b>03600 - Grouts</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>05100 - Structural Metal Framing</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>05200 - Metal Joists</b>	-			<b>\$ 31,551</b>
Metal joist; K series	9.76	ton	\$ 3,232.04	\$ 31,551
<b>05300 - Metal Deck</b>	-			<b>\$ 17,366</b>
Metal deck; open type, galvanized; 1 1/2" deep; 20 ga	3,125.00	sf	\$ 5.56	\$ 17,366
<b>05500 - Metal Fabrications</b>	-			<b>\$ 28,913</b>
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
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 &amp; PLASTICS</b>	-			<b>\$ 737</b>
<b>06100 - Rough Carpentry</b>	-			<b>\$ 737</b>
Blocking; steel construction; walls; 2" x 6"	72.00	lf	\$ 10.24	\$ 737
<b>07 - THERMAL &amp; MOISTURE PROTECTION</b>	-			<b>\$ 23,141</b>
<b>07200 - Thermal Protection</b>	-			<b>\$ 12,124</b>
Board insulation; polystyrene; wall; 2" thick, R8.33	2,475.00	sf	\$ 1.88	\$ 4,663
Batt insulation; wall, fiberglass; unfaced; 4" thick, R11	4,700.00	sf	\$ 1.59	\$ 7,461
<b>07800 - Fire &amp; Smoke Protection</b>	-			<b>\$ 11,017</b>
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 - DOORS &amp; WINDOWS</b>	-			<b>\$ 54,394</b>
<b>08100 - Metal Doors &amp; Frames</b>	-			<b>\$ 16,854</b>
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

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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
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>08200 - Wood &amp; Plastic Doors</b>	-			<b>\$ 6,858</b>
Wood door; solid core; 1 3/4" thick; birch faced; 3'-0" x 7'-0"	15.00	each	\$ 457.21	\$ 6,858
<b>08300 - Specialty Doors</b>	-			<b>\$ 15,667</b>
Top coiling grille, manually operated, steel or aluminum; opening; 6' high x 16' wide	1.00	each	\$ 5,583.66	\$ 5,584
Sectional metal overhead door, complete; commercial grade; 12' x 12'	3.00	each	\$ 3,361.19	\$ 10,084
<b>08500 - Windows</b>	-			<b>\$ 1,228</b>
Steel window, primed; industrial; fixed sash	18.00	sf	\$ 68.22	\$ 1,228
<b>08700 - Hardware</b>	-			<b>\$ 13,787</b>
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>	-			<b>\$ 118,094</b>
<b>09100 - Metal Support Assemblies</b>	-			<b>\$ 23,359</b>
Metal framing; studs, non-load bearing, galvanized; 3 5/8"; 20 ga; 16" o.c.	4,700.00	sf	\$ 3.15	\$ 14,822
Ceiling suspension system; T-bar; 2' x 2'	2,920.00	sf	\$ 2.92	\$ 8,537
<b>09200 - Plaster &amp; Gypsum Board</b>	-			<b>\$ 38,639</b>
Metal framing; furring; on walls; 7/8" channel; 16" o.c.	1,987.50	sf	\$ 4.01	\$ 7,979
Scratch coat; for ceramic tile	46.67	sy	\$ 14.90	\$ 696
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>09300 - Tile</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>09500 - 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>09600 - Flooring</b>	-			<b>\$ 25,861</b>
Resilient wall base, vinyl; group 1; 4" high	690.00	lf	\$ 5.58	\$ 3,849
Resilient flooring; solid vinyl tile, 1/8" thick, 12" x 12"; solid colors	140.00	sf	\$ 10.68	\$ 1,496
Carpet; tile; foam backed; average	2,560.00	sf	\$ 8.01	\$ 20,516
<b>09900 - Paints &amp; Coatings</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>10150 - Compartments &amp; Cubicles</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>10800 - Toilet, Bath &amp; Laundry 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>\$ 481,777</b>
<b>13120 - Pre-Engineered Structures</b>	-			<b>\$ 401,952</b>
Pre-engineered metal building; 100' x 150'; 25' eave height	14,060.00	sf	\$ 28.59	\$ 401,952
<b>13900 - Fire Suppression</b>	-			<b>\$ 79,825</b>
Fire Suppression Quote	17,500.00	gsf	\$ 4.56	\$ 79,825
<b>15 - MECHANICAL</b>	-			<b>\$ 359,211</b>
<b>15400 - Plumbing Fixtures &amp; Equipment</b>	-			<b>\$ 149,671</b>
Plumbing Quote	17,500.00	gsf	\$ 8.55	\$ 149,671
<b>15700 - Heating, Ventilating &amp; Air Conditioning Equipment</b>	-			<b>\$ 209,540</b>

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HVAC Quote	17,500.00	gsf	\$ 11.97	\$ 209,540
<b>16 - ELECTRICAL</b>	-			<b>\$ 239,474</b>
<b>16200 - Electrical Power</b>	-			<b>\$ 239,474</b>
Electrical Power & Lighting Quote	17,500.00	gsf	\$ 13.68	\$ 239,474
				<b>\$ 1,720,429</b>