

Estimate Detail

Description	Quantity	Unit	Cost/Unit	Amount
<b>A - SUBSTRUCTURE</b>	-			\$ 288,281
<b>A10 - Foundations</b>	-			\$ 39,157
<b>A1010 - Standard Foundations</b>	56.22	cy	\$ 696.50	\$ 39,157
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
Keyway form (5 uses); 2" x 4"	585.00	lf	\$ 5.55	\$ 3,245
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
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
<b>A20 - Subgrade Enclosures</b>	-			\$ 117,002
<b>A2010 - Walls for Subgrade Enclosures</b>	94.83	cy	\$ 1,233.81	\$ 117,002
Column forms; square, job built; 36" x 36"; 4 uses	1,055.21	sf	\$ 15.08	\$ 15,916
Wall forms, job built; exterior; up to 8' high; 4 uses	5,850.00	sf	\$ 10.61	\$ 62,061
Chamfer strip; wood; 3/4" wide	444.64	lf	\$ 2.71	\$ 1,204
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
Column concrete; 2500 or 3000 psi; by pump	22.61	cy	\$ 269.12	\$ 6,086
Wall concrete; 2500 or 3000 psi; to 4'; by chute	72.22	cy	\$ 167.22	\$ 12,077
Wall finish; break ties and patch holes	2,925.00	sf	\$ 1.91	\$ 5,573
Grouting for bases; non-shrink; non-metallic; 2" deep	126.33	sf	\$ 35.35	\$ 4,466
Board insulation; polystyrene; wall; 2" thick, R8.33	2,475.00	sf	\$ 1.65	\$ 4,089
<b>A40 - Slabs on Grade</b>	-			\$ 132,122
<b>A4010 - Standard Slabs on Grade</b>	13,938.00	sf	\$ 9.48	\$ 132,122
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
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
Slab rebar; #3 - #4	6.21	ton	\$ 3,494.80	\$ 21,696
Slab on grade concrete; 3500 or 4000 psi; by chute	259.89	cy	\$ 173.82	\$ 45,173
Floor finish; screed	13,938.00	sf	\$ 1.19	\$ 16,598
Concrete curing; sprayed membrane; slabs	13,938.00	sf	\$ 0.22	\$ 3,042
<b>B - SHELL</b>	-			\$ 141,871
<b>B10 - Superstructure</b>	-			\$ 107,917
<b>B1010 - Floor Construction</b>	3,125.00	sf	\$ 26.42	\$ 82,562
Slab wire mesh; standard; 6" x 6"; W1.4 x W1.4	3,125.00	sf	\$ 0.69	\$ 2,144
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
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
Metal joist; K series	9.76	ton	\$ 2,834.25	\$ 27,668
Metal deck; open type, galvanized; 1 1/2" deep; 20 ga	3,125.00	sf	\$ 4.87	\$ 15,229
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
<b>B1080 - Stairs</b>	125.00	sf	\$ 202.83	\$ 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
<b>B20 - Exterior Vertical Enclosures</b>	-			\$ 33,955
<b>B2010 - Exterior Walls</b>	1,987.50	sf	\$ 5.92	\$ 11,766
Metal framing; furring; on walls; 7/8" channel; 16" o.c.	1,987.50	sf	\$ 3.52	\$ 6,997
Drywall; plasterboard; 5/8"; nailed or screwed to walls	1,987.50	sf	\$ 1.56	\$ 3,091
Drywall; add for fire resistant	1,987.50	sf	\$ 0.12	\$ 239
Drywall; add for taping and finishing joints; average	1,987.50	sf	\$ 0.72	\$ 1,439
<b>B2020 - Exterior Windows</b>	18.00	sf	\$ 59.82	\$ 1,077
Steel window, primed; industrial; fixed sash	18.00	sf	\$ 59.82	\$ 1,077
<b>B2050 - Exterior Doors &amp; Grilles</b>	9.00	each	\$ 2,345.77	\$ 21,112
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

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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
Sectional metal overhead door, complete; commercial grade; 12' x 12'	3.00	each	\$ 2,947.50	\$ 8,843
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
<b>C - INTERIORS</b>	-			<b>\$ 131,049</b>
<b>C10 - Interior Construction</b>	-			<b>\$ 91,895</b>
<b>C1010 - Interior Partitions</b>	<b>4,475.00</b>	<b>sf</b>	<b>\$ 9.32</b>	<b>\$ 41,694</b>
Blocking; steel construction; walls; 2" x 6"	72.00	lf	\$ 8.98	\$ 646
Batt insulation; wall, fiberglass; unfaced; 4" thick, R11	4,700.00	sf	\$ 1.39	\$ 6,543
Metal framing; studs, non-load bearing, galvanized; 3 5/8"; 20 ga; 16" o.c.	4,700.00	sf	\$ 2.77	\$ 12,998
Drywall; plasterboard; 5/8"; nailed or screwed to walls	8,950.00	sf	\$ 1.56	\$ 13,921
Drywall; add for fire resistant	8,500.00	sf	\$ 0.12	\$ 1,020
Drywall; add for water resistant	450.00	sf	\$ 0.19	\$ 86
Drywall; add for taping and finishing joints; average	8,950.00	sf	\$ 0.72	\$ 6,481
<b>C1030 - Interior Doors</b>	<b>14.00</b>	<b>ea</b>	<b>\$ 1,472.44</b>	<b>\$ 20,614</b>
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
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
<b>C1040 - Interior Grilles &amp; Gates</b>	<b>96.00</b>	<b>sf</b>	<b>\$ 51.00</b>	<b>\$ 4,896</b>
Top coiling grille, manually operated, steel or aluminum; opening; 6' high x 16' wide	1.00	each	\$ 4,896.43	\$ 4,896
<b>C1070 - Suspended Ceiling Construction</b>	<b>2,920.00</b>	<b>sf</b>	<b>\$ 6.21</b>	<b>\$ 18,134</b>
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
<b>C1090 - Interior Specialties</b>	<b>10.00</b>	<b>each</b>	<b>\$ 655.60</b>	<b>\$ 6,556</b>
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
<b>C20 - Interior Finishes</b>	-			<b>\$ 39,154</b>
<b>C2010 - Wall Finishes</b>	<b>7,155.00</b>	<b>sf</b>	<b>\$ 1.61</b>	<b>\$ 11,553</b>
Scratch coat; for ceramic tile	46.67	sy	\$ 13.07	\$ 610
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
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
<b>C2030 - Flooring</b>	<b>2,975.00</b>	<b>sf</b>	<b>\$ 9.27</b>	<b>\$ 27,587</b>
Tile; unglazed ceramic flooring; portland cement bed, cushion edge, face mounted; 2" x 2"	275.00	sf	\$ 17.85	\$ 4,909
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
<b>C2050 - Ceiling Finishes</b>	<b>20.00</b>	<b>sf</b>	<b>\$ 0.70</b>	<b>\$ 14</b>
Paint ceilings; spray; first coat; average	20.00	sf	\$ 0.38	\$ 8
Paint ceilings; spray; second coat; average	20.00	sf	\$ 0.33	\$ 7
<b>D - SERVICES</b>	-			<b>\$ 595,000</b>
<b>D20 - Plumbing</b>	-			<b>\$ 131,250</b>
<b>D2010 - Domestic Water Distribution</b>	<b>17,500.00</b>	<b>gsf</b>	<b>\$ 7.50</b>	<b>\$ 131,250</b>
Plumbing Quote	17,500.00	gsf	\$ 7.50	\$ 131,250
<b>D30 - HVAC</b>	-			<b>\$ 183,750</b>
<b>D3050 - Facility HVAC Distribution Systems</b>	<b>17,500.00</b>	<b>gsf</b>	<b>\$ 10.50</b>	<b>\$ 183,750</b>
HVAC Quote	17,500.00	gsf	\$ 10.50	\$ 183,750
<b>D40 - Fire Protection</b>	-			<b>\$ 70,000</b>
<b>D4010 - Fire Suppression</b>	<b>17,500.00</b>	<b>gsf</b>	<b>\$ 4.00</b>	<b>\$ 70,000</b>

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Description	Quantity	Unit	Cost/Unit	Amount
Fire Suppression Quote	17,500.00	gsf	\$ 4.00	\$ 70,000
<b>D50 - Electrical</b>	-			<b>\$ 210,000</b>
<b>D5020 - Electrical Service &amp; Distribution</b>	<b>17,500.00</b>	<b>gsf</b>	<b>\$ 12.00</b>	<b>\$ 210,000</b>
Electrical Power & Lighting Quote	17,500.00	gsf	\$ 12.00	\$ 210,000
<b>F - SPECIAL CONSTRUCTION &amp; DEMOLITION</b>	-			<b>\$ 352,481</b>
<b>F10 - Special Construction</b>	-			<b>\$ 352,481</b>
<b>F1020 - Special Structures</b>	<b>14,060.00</b>	<b>sf</b>	<b>\$ 25.07</b>	<b>\$ 352,481</b>
Pre-engineered metal building; 100' x 150'; 25' eave height	14,060.00	sf	\$ 25.07	\$ 352,481
<b>Trade Cost Subtotal</b>				<b>\$ 1,508,681</b>
General Conditions				\$ 105,608
<b>Construction Cost Subtotal</b>				<b>\$ 1,614,289</b>
Fee				\$ 80,714
Insurance				\$ 25,425
				<b>\$ 1,720,429</b>