

Total Project 17,500.00			Structural Concrete		Structural Steel		Miscellaneous Metals		Fire & Smoke Protection		Doors, Frames & Hardware		Specialty Doors & Frames		Drywall, Carpentry & Acoustical		Ceramic Tile		Flooring		Painting & Coating		Ticket Partitions & Accessories		Fabricated Engineering Structures		Fire Suppression		Plumbing		HVAC		Electrical		
Description	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	
031113 05 - Column Formwork	\$ 15,914	\$ 0.91	\$ 15,914																																
031113 05 - Footing Formwork	\$ 30,944	\$ 1.03	\$ 30,944																																
031113 05 - Slab/Mat Formwork	\$ 1,438	\$ 0.08	\$ 1,438																																
031113 05 - Wall Formwork	\$ 62,061	\$ 3.55	\$ 62,061																																
031113 00 - Miscellaneous Formwork	\$ 4,489	\$ 0.25	\$ 4,489																																
031516 00 - Concrete Construction Joints	\$ 2,073	\$ 0.12	\$ 2,073																																
031530 00 - Miscellaneous Concrete Accessories	\$ 42,302	\$ 2.41	\$ 42,302																																
032111 00 - Plain Steel Reinforcement Bars	\$ 34,339	\$ 1.97	\$ 34,339																																
032211 00 - Plain Steel Welded Wire Fabric Reinforcing	\$ 2,144	\$ 0.12	\$ 2,144																																
033100 10 - Column Concrete	\$ 6,086	\$ 0.35	\$ 6,086																																
033100 00 - Elevated Slab Concrete	\$ 8,382	\$ 0.47	\$ 8,382																																
033100 10 - Footing Concrete	\$ 9,656	\$ 0.52	\$ 9,656																																
033100 00 - Slab/Mat Concrete	\$ 46,173	\$ 2.58	\$ 46,173																																
033100 00 - Wall Concrete	\$ 12,077	\$ 0.69	\$ 12,077																																
033920 00 - Topped Concrete Finishing	\$ 78,892	\$ 4.48	\$ 78,892																																
033921 00 - Miscellaneous Concrete Curing	\$ 3,724	\$ 0.21	\$ 3,724																																
036113 00 - Non-Metallic Non-Drum Grouting	\$ 4,466	\$ 0.26	\$ 4,466																																
041213 00 - Structural Steel Toe Boltings	\$ 15,276	\$ 0.87	\$ 15,276																																
052110 00 - Open Web Steel Joist Framing	\$ 27,668	\$ 1.58	\$ 27,668																																
051113 00 - Steel Floor Decking	\$ 15,220	\$ 0.87	\$ 15,220																																
052113 00 - Metal Pan Stairs	\$ 14,558	\$ 0.80	\$ 14,558																																
052113 00 - Pipe & Ladder Railings	\$ 11,317	\$ 0.62	\$ 11,317																																
061100 10 - Blocking	\$ 846	\$ 0.04	\$ 846																																
072113 00 - Board Insulation	\$ 4,089	\$ 0.23	\$ 4,089																																
072116 00 - Blown-In Insulation	\$ 6,543	\$ 0.37	\$ 6,543																																
078116 00 - Cementitious Finishing	\$ 9,661	\$ 0.55	\$ 9,661																																
081213 00 - Hollow Metal Frames	\$ 10,535	\$ 0.60	\$ 10,535																																
081213 00 - Hollow Metal Doors	\$ 4,345	\$ 0.24	\$ 4,345																																
081416 00 - Flush Wood Doors	\$ 6,014	\$ 0.34	\$ 6,014																																
081326 00 - Overhead Ceiling Grids	\$ 4,896	\$ 0.28	\$ 4,896																																
081613 00 - Sectional Doors	\$ 8,843	\$ 0.51	\$ 8,843																																
081513 00 - Steel Windows	\$ 1,077	\$ 0.06	\$ 1,077																																
087100 00 - Door Hardware	\$ 12,000	\$ 0.69	\$ 12,000																																
092213 00 - Metal Finishing	\$ 6,997	\$ 0.40	\$ 6,997																																
092116 00 - Non-Structural Metal Framing	\$ 12,998	\$ 0.74	\$ 12,998																																
092423 00 - Cement Stucco	\$ 610	\$ 0.03	\$ 610																																
092900 00 - Gypsum Board	\$ 26,276	\$ 1.50	\$ 26,276																																
098013 00 - Ceramic Tiles	\$ 11,836	\$ 0.68	\$ 11,836																																
095113 00 - Acoustical Panel Ceilings	\$ 10,648	\$ 0.61	\$ 10,648																																
095333 00 - Metal Acoustical Ceiling Suspension Assemblies	\$ 7,487	\$ 0.43	\$ 7,487																																
096113 00 - Resilient Base & Accessories	\$ 3,375	\$ 0.19	\$ 3,375																																
096500 00 - Resilient Tile Flooring	\$ 1,312	\$ 0.07	\$ 1,312																																
096813 00 - Tile Carpeting	\$ 17,991	\$ 1.01	\$ 17,991																																
099123 00 - Interior Painting	\$ 4,030	\$ 0.23	\$ 4,030																																
102113 00 - Interior Toilet Compartments	\$ 6,009	\$ 0.35	\$ 6,009																																
102813 00 - Toilet Accessories	\$ 497	\$ 0.03	\$ 497																																
133410 00 - Metal Building Systems	\$ 352,481	\$ 20.14	\$ 352,481																																
210000 01 - Fire Suppression - Subcontractors	\$ 70,000	\$ 4.00	\$ 70,000																																
220000 01 - Plumbing - Subcontractors	\$ 131,250	\$ 7.50	\$ 131,250																																
230000 01 - HVAC - Subcontractors	\$ 183,750	\$ 10.50	\$ 183,750																																
240000 01 - Electrical - Subcontractors	\$ 210,000	\$ 12.00	\$ 210,000																																
Trade Cost Subtotal	\$ 1,506,481	\$ 86.21	\$ 303,800	\$ -	\$ 58,173	\$ -	\$ 25,354	\$ -	\$ 9,661	\$ -	\$ 31,960	\$ -	\$ 13,739	\$ -	\$ 71,594	\$ -	\$ 11,446	\$ -	\$ 22,678	\$ -	\$ 4,680	\$ -	\$ 6,556	\$ -	\$ 352,481	\$ -	\$ 70,000	\$ -	\$ 131,250	\$ -					

Structural Concrete

-

Description	Quantity	Unit	Cost/Unit	Amount
031113.15 - Column Formwork	-			\$ 15,916
Column forms; square, job built; 36" x 36"; 4 uses	1,055.21	sf	\$ 15.08	\$ 15,916
031113.35 - Footing Formwork	-			\$ 18,944
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
031113.55 - Slab/Mat Formwork	-			\$ 1,438
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
031113.65 - Wall Formwork	-			\$ 62,061
Wall forms, job built; exterior; up to 8' high; 4 uses	5,850.00	sf	\$ 10.61	\$ 62,061
031113.90 - Miscellaneous Formwork	-			\$ 4,449
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
031516.00 - Concrete Construction Joints	-			\$ 2,073
Expansion joint, premolded, in slabs; polyethylene foam; 1/2" x 6"	550.00	lf	\$ 3.77	\$ 2,073
031550.00 - Miscellaneous Concrete Accessories	-			\$ 42,102
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
032111.00 - Plain Steel Reinforcement Bars	-			\$ 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
032211.00 - Plain Steel Welded Wire Fabric Reinforcing	-			\$ 2,144
Slab wire mesh; standard; 6" x 6"; W1.4 x W1.4	3,125.00	sf	\$ 0.69	\$ 2,144
033100.15 - Column Concrete	-			\$ 6,086
Column concrete; 2500 or 3000 psi; by pump	22.61	cy	\$ 269.12	\$ 6,086
033100.20 - Elevated Slab Concrete	-			\$ 8,182
Elevated slab concrete; 2500 or 3000 psi; by pump	40.99	cy	\$ 199.59	\$ 8,182
033100.35 - Footing Concrete	-			\$ 9,656
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
033100.55 - Slab/Mat Concrete	-			\$ 45,173
Slab on grade concrete; 3500 or 4000 psi; by chute	259.89	cy	\$ 173.82	\$ 45,173
033100.65 - Wall Concrete	-			\$ 12,077
Wall concrete; 2500 or 3000 psi; to 4'; by chute	72.22	cy	\$ 167.22	\$ 12,077
033529.00 - Tooled Concrete Finishing	-			\$ 25,892
Floor finish; screed	17,063.00	sf	\$ 1.19	\$ 20,319
Wall finish; break ties and patch holes	2,925.00	sf	\$ 1.91	\$ 5,573
033923.00 - Membrane Concrete Curing	-			\$ 3,724
Concrete curing; sprayed membrane; slabs	17,063.00	sf	\$ 0.22	\$ 3,724
036213.00 - Non-Metallic Non-Shrink Grouting	-			\$ 4,466
Grouting for bases; non-shrink; non-metallic; 2" deep	126.33	sf	\$ 35.35	\$ 4,466
072113.00 - Board Insulation	-			\$ 4,089
Board insulation; polystyrene; wall; 2" thick, R8.33	2,475.00	sf	\$ 1.65	\$ 4,089

Structural Steel

-

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Cost/Unit</i>	<i>Amount</i>
051223.00 - Structural Steel for Buildings	-			\$ 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
052119.00 - Open Web Steel Joist Framing	-			\$ 27,668
Metal joist; K series	9.76	ton	\$ 2,834.25	\$ 27,668
053113.00 - Steel Floor Decking	-			\$ 15,229
Metal deck; open type, galvanized; 1 1/2" deep; 20 ga	3,125.00	sf	\$ 4.87	\$ 15,229

Miscellaneous Metals

-

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Cost/Unit</i>	<i>Amount</i>
055113.00 - Metal Pan Stairs	-			\$ 14,038
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
055213.00 - Pipe & Tube Railings	-			\$ 11,317
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

Fire & Smoke Protection

-

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Cost/Unit</i>	<i>Amount</i>
078116.00 - Cementitious Fireproofing	-		\$	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

Doors, Frames & Hardware

-

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Cost/Unit</i>	<i>Amount</i>
081213.00 - Hollow Metal Frames	-			\$ 10,535
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
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
081313.00 - Hollow Metal Doors	-			\$ 4,245
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
081416.00 - Flush Wood Doors	-			\$ 6,014
Wood door; solid core; 1 3/4" thick; birch faced; 3'-0" x 7'-0"	15.00	each	\$ 400.94	\$ 6,014
085123.00 - Steel Windows	-			\$ 1,077
Steel window, primed; industrial; fixed sash	18.00	sf	\$ 59.82	\$ 1,077
087100.00 - Door Hardware	-			\$ 12,090
Hinges; 4" x 4" butts, steel, standard	33.00	pair	\$ 31.00	\$ 1,023
Latchset, heavy duty; cylindrical	1.00	each	\$ 255.47	\$ 255
Latchset, heavy duty; mortise	1.00	each	\$ 299.75	\$ 300
Lockset, heavy duty; cylindrical	14.00	each	\$ 370.47	\$ 5,187
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

Specialty Doors & Frames

-

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Cost/Unit</i>	<i>Amount</i>
083326.00 - Overhead Coiling Grilles	-			\$ 4,896
Top coiling grille, manually operated, steel or aluminum; opening; 6' high x 16' wide	1.00	each	\$ 4,896.43	\$ 4,896
083613.00 - Sectional Doors	-			\$ 8,843
Sectional metal overhead door, complete; commercial grade; 12' x 12'	3.00	each	\$ 2,947.50	\$ 8,843

Drywall, Carpentry & Acoustical

-

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Cost/Unit</i>	<i>Amount</i>
061100.10 - Blocking	-			\$ 646
Blocking; steel construction; walls; 2" x 6"	72.00	lf	\$ 8.98	\$ 646
072116.00 - Blanket Insulation	-			\$ 6,543
Batt insulation; wall, fiberglass; unfaced; 4" thick, R11	4,700.00	sf	\$ 1.39	\$ 6,543
092213.00 - Metal Furring	-			\$ 6,997
Metal framing; furring; on walls; 7/8" channel; 16" o.c.	1,987.50	sf	\$ 3.52	\$ 6,997
092216.00 - Non-Structural Metal Framing	-			\$ 12,998
Metal framing; studs, non-load bearing, galvanized; 3 5/8"; 20 ga; 16" o.c.	4,700.00	sf	\$ 2.77	\$ 12,998
092900.00 - Gypsum Board	-			\$ 26,276
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
095113.00 - Acoustical Panel Ceilings	-			\$ 10,648
Acoustical panels; mineral fiber; 3/4" thick; 2' x 2'	2,920.00	sf	\$ 3.65	\$ 10,648
095323.00 - Metal Acoustical Ceiling Suspension Assemblies	-			\$ 7,487
Ceiling suspension system; T-bar; 2' x 2'	2,920.00	sf	\$ 2.56	\$ 7,487

Ceramic Tile

-

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Cost/Unit</i>	<i>Amount</i>
092423.00 - Cement Stucco	-			\$ 610
Scratch coat; for ceramic tile	46.67	sy	\$ 13.07	\$ 610
093013.00 - Ceramic 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

Flooring

-

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Cost/Unit</i>	<i>Amount</i>
096513.00 - Resilient Base & Accessories	-			\$ 3,375
Resilient wall base, vinyl; group 1; 4" high	690.00	lf	\$ 4.89	\$ 3,375
096519.00 - Resilient Tile Flooring	-			\$ 1,312
Resilient flooring; solid vinyl tile, 1/8" thick, 12" x 12"; solid colors	140.00	sf	\$ 9.37	\$ 1,312
096813.00 - Tile Carpeting	-			\$ 17,991
Carpet; tile; foam backed; average	2,560.00	sf	\$ 7.03	\$ 17,991

Painting & Coating

-

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Cost/Unit</i>	<i>Amount</i>
099123.00 - Interior Painting	-		\$	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

Toilet Partitions & Accessories

-

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Cost/Unit</i>	<i>Amount</i>
102113.13 - Metal Toilet Compartments	-			\$ 6,059
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
102813.00 - Toilet Accessories	-			\$ 497
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

Fabricated Engineered Structures

-

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Cost/Unit</i>	<i>Amount</i>
133419.00 - Metal Building Systems	-			\$ 352,481
Pre-engineered metal building; 100' x 150'; 20' eave height	14,060.00	sf	\$ 25.07	\$ 352,481

Fire Suppression

-

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Cost/Unit</i>	<i>Amount</i>
210000.01 - Fire Suppression - Subcontractors	-			\$ 70,000
Fire Suppression Quote	17,500.00	gsf	\$ 4.00	\$ 70,000

Plumbing

-

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Cost/Unit</i>	<i>Amount</i>
220000.01 - Plumbing - Subcontractors	-			\$ 131,250
Plumbing Quote	17,500.00	gsf	\$ 7.50	\$ 131,250

HVAC

-

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Cost/Unit</i>	<i>Amount</i>
230000.01 - HVAC - Subcontractors	-			\$ 183,750
HVAC Quote	17,500.00	gsf	\$ 10.50	\$ 183,750

Electrical

-

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Cost/Unit</i>	<i>Amount</i>
260000.01 - Electrical - Subcontractors	-			\$ 210,000
Electrical Power & Lighting Quote	17,500.00	gsf	\$ 12.00	\$ 210,000