

Description	Total Project		SUBSTRUCTURE		SHELL		INTERIORS		SERVICES		SPECIAL CONSTRUCTION & DEMOLITION	
	17,500.00	gsf	14,060.00	sf	17,500.00	gsf	17,500.00	gsf	17,500.00	gsf	14,060.00	sf
	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost
03100 - Concrete Forms & Accessories	\$ 146,983	\$ 8.40	\$ 146,983	\$ 10.45								
03200 - Concrete Reinforcement	\$ 36,682	\$ 2.10	\$ 34,539	\$ 2.46	\$ 2,144	\$ 0.12						
03300 - Cast-in-Place Concrete	\$ 110,790	\$ 6.33	\$ 98,205	\$ 6.98	\$ 12,585	\$ 0.72						
03600 - Grouts	\$ 4,466	\$ 0.26	\$ 4,466	\$ 0.32								
05100 - Structural Metal Framing	\$ 15,276	\$ 0.87			\$ 15,276	\$ 0.87						
05200 - Metal Joists	\$ 27,668	\$ 1.58			\$ 27,668	\$ 1.58						
05300 - Metal Deck	\$ 15,229	\$ 0.87			\$ 15,229	\$ 0.87						
05500 - Metal Fabrications	\$ 25,354	\$ 1.45					\$ 25,354	\$ 1.45				
06100 - Rough Carpentry	\$ 646	\$ 0.04					\$ 646	\$ 0.04				
07200 - Thermal Protection	\$ 10,631	\$ 0.61	\$ 4,089	\$ 0.29			\$ 6,543	\$ 0.37				
07800 - Fire & Smoke Protection	\$ 9,661	\$ 0.55			\$ 9,661	\$ 0.55						
08100 - Metal Doors & Frames	\$ 14,779	\$ 0.84			\$ 6,319	\$ 0.36	\$ 8,461	\$ 0.48				
08200 - Wood & Plastic Doors	\$ 6,014	\$ 0.34					\$ 6,014	\$ 0.34				
08300 - Specialty Doors	\$ 13,739	\$ 0.79			\$ 8,843	\$ 0.51	\$ 4,896	\$ 0.28				
08500 - Windows	\$ 1,077	\$ 0.06			\$ 1,077	\$ 0.06						
08700 - Hardware	\$ 12,090	\$ 0.69			\$ 5,951	\$ 0.34	\$ 6,140	\$ 0.35				
09100 - Metal Support Assemblies	\$ 20,484	\$ 1.17					\$ 20,484	\$ 1.17				
09200 - Plaster & Gypsum Board	\$ 33,883	\$ 1.94			\$ 11,766	\$ 0.67	\$ 22,117	\$ 1.26				
09300 - Tile	\$ 11,836	\$ 0.68					\$ 11,836	\$ 0.68				
09500 - Ceilings	\$ 10,648	\$ 0.61					\$ 10,648	\$ 0.61				
09600 - Flooring	\$ 22,678	\$ 1.30					\$ 22,678	\$ 1.30				
09900 - Paints & Coatings	\$ 4,030	\$ 0.23					\$ 4,030	\$ 0.23				
10150 - Compartments & Cubicles	\$ 6,059	\$ 0.35					\$ 6,059	\$ 0.35				
10800 - Toilet, Bath & Laundry Accessories	\$ 497	\$ 0.03					\$ 497	\$ 0.03				
13120 - Pre-Engineered Structures	\$ 352,481	\$ 20.14								\$ 352,481	\$ 25.07	
13900 - Fire Suppression	\$ 70,000	\$ 4.00							\$ 70,000	\$ 4.00		
15400 - Plumbing Fixtures & Equipment	\$ 131,250	\$ 7.50							\$ 131,250	\$ 7.50		
15700 - Heating, Ventilating & Air Conditioning Equipment	\$ 183,750	\$ 10.50							\$ 183,750	\$ 10.50		
16200 - Electrical Power	\$ 210,000	\$ 12.00							\$ 210,000	\$ 12.00		
<b>Trade Cost Subtotal</b>	<b>\$ 1,508,681</b>	<b>\$ 86.21</b>	<b>\$ 288,281</b>	<b>\$ 20.50</b>	<b>\$ 116,517</b>	<b>\$ 6.66</b>	<b>\$ 156,403</b>	<b>\$ 8.94</b>	<b>\$ 595,000</b>	<b>\$ 34.00</b>	<b>\$ 352,481</b>	<b>\$ 25.07</b>
General Conditions	\$ 105,608	\$ 6.03	\$ 20,180	\$ 1.44	\$ 8,156	\$ 0.47	\$ 10,948	\$ 0.63	\$ 41,650	\$ 2.38	\$ 24,674	\$ 1.75
<b>Construction Cost Subtotal</b>	<b>\$ 1,614,289</b>	<b>\$ 92.25</b>	<b>\$ 308,460</b>	<b>\$ 21.94</b>	<b>\$ 124,673</b>	<b>\$ 7.12</b>	<b>\$ 167,351</b>	<b>\$ 9.56</b>	<b>\$ 636,650</b>	<b>\$ 36.38</b>	<b>\$ 377,154</b>	<b>\$ 26.82</b>
Fee	\$ 80,714	\$ 4.61	\$ 15,423	\$ 1.10	\$ 6,234	\$ 0.36	\$ 8,368	\$ 0.48	\$ 31,833	\$ 1.82	\$ 18,858	\$ 1.34
Insurance	\$ 25,425	\$ 1.45	\$ 4,858	\$ 0.35	\$ 1,964	\$ 0.11	\$ 2,636	\$ 0.15	\$ 10,027	\$ 0.57	\$ 5,940	\$ 0.42
<b>Grand Total</b>	<b>\$ 1,720,429</b>	<b>\$ 98.31</b>	<b>\$ 328,742</b>	<b>\$ 23.38</b>	<b>\$ 132,871</b>	<b>\$ 7.59</b>	<b>\$ 178,355</b>	<b>\$ 10.19</b>	<b>\$ 678,510</b>	<b>\$ 38.77</b>	<b>\$ 401,952</b>	<b>\$ 28.59</b>

## SUBSTRUCTURE

14,060.00 sf

Description	Quantity	Unit	Cost/Unit	Amount
<b>03100 - Concrete Forms &amp; Accessories</b>	-			<b>\$ 146,983</b>
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
<b>03200 - Concrete Reinforcement</b>	-			<b>\$ 34,539</b>
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
<b>03300 - Cast-in-Place Concrete</b>	-			<b>\$ 98,205</b>
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
<b>03600 - Grouts</b>	-			<b>\$ 4,466</b>
Grouting for bases; non-shrink; non-metallic; 2" deep	126.33	sf	\$ 35.35	\$ 4,466
<b>07200 - Thermal Protection</b>	-			<b>\$ 4,089</b>
Board insulation; polystyrene; wall; 2" thick, R8.33	2,475.00	sf	\$ 1.65	\$ 4,089

## SHELL

17,500.00 gsf

Description	Quantity	Unit	Cost/Unit	Amount
<b>03200 - Concrete Reinforcement</b>	-			<b>\$ 2,144</b>
Slab wire mesh; standard; 6" x 6"; W1.4 x W1.4	3,125.00	sf	\$ 0.69	\$ 2,144
<b>03300 - Cast-in-Place Concrete</b>	-			<b>\$ 12,585</b>
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
<b>05100 - Structural Metal Framing</b>	-			<b>\$ 15,276</b>
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
<b>05200 - Metal Joists</b>	-			<b>\$ 27,668</b>
Metal joist; K series	9.76	ton	\$ 2,834.25	\$ 27,668
<b>05300 - Metal Deck</b>	-			<b>\$ 15,229</b>
Metal deck; open type, galvanized; 1 1/2" deep; 20 ga	3,125.00	sf	\$ 4.87	\$ 15,229
<b>07800 - Fire &amp; Smoke Protection</b>	-			<b>\$ 9,661</b>
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>08100 - Metal Doors &amp; Frames</b>	-			<b>\$ 6,319</b>
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
<b>08300 - Specialty Doors</b>	-			<b>\$ 8,843</b>
Sectional metal overhead door, complete; commercial grade; 12' x 12'	3.00	each	\$ 2,947.50	\$ 8,843
<b>08500 - Windows</b>	-			<b>\$ 1,077</b>
Steel window, primed; industrial; fixed sash	18.00	sf	\$ 59.82	\$ 1,077
<b>08700 - Hardware</b>	-			<b>\$ 5,951</b>
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>09200 - Plaster &amp; Gypsum Board</b>	-			<b>\$ 11,766</b>
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

**INTERIORS**

**17,500.00 gsf**

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Cost/Unit</i>	<i>Amount</i>
<b>05500 - Metal Fabrications</b>	-			<b>\$ 25,354</b>
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>06100 - Rough Carpentry</b>	-			<b>\$ 646</b>
Blocking; steel construction; walls; 2" x 6"	72.00	lf	\$ 8.98	\$ 646
<b>07200 - Thermal Protection</b>	-			<b>\$ 6,543</b>
Batt insulation; wall, fiberglass; unfaced; 4" thick, R11	4,700.00	sf	\$ 1.39	\$ 6,543
<b>08100 - Metal Doors &amp; Frames</b>	-			<b>\$ 8,461</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
<b>08200 - Wood &amp; Plastic Doors</b>	-			<b>\$ 6,014</b>
Wood door; solid core; 1 3/4" thick; birch faced; 3'-0" x 7'-0"	15.00	each	\$ 400.94	\$ 6,014
<b>08300 - Specialty Doors</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>08700 - Hardware</b>	-			<b>\$ 6,140</b>
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>09100 - Metal Support Assemblies</b>	-			<b>\$ 20,484</b>
Metal framing; studs, non-load bearing, galvanized; 3 5/8"; 20 ga; 16" o.c.	4,700.00	sf	\$ 2.77	\$ 12,998
Ceiling suspension system; T-bar; 2' x 2'	2,920.00	sf	\$ 2.56	\$ 7,487
<b>09200 - Plaster &amp; Gypsum Board</b>	-			<b>\$ 22,117</b>
Scratch coat; for ceramic tile	46.67	sy	\$ 13.07	\$ 610
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>09300 - Tile</b>	-			<b>\$ 11,836</b>
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
<b>09500 - Ceilings</b>	-			<b>\$ 10,648</b>
Acoustical panels; mineral fiber; 3/4" thick; 2' x 2'	2,920.00	sf	\$ 3.65	\$ 10,648
<b>09600 - Flooring</b>	-			<b>\$ 22,678</b>
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>09900 - Paints &amp; Coatings</b>	-			<b>\$ 4,030</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
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>10150 - Compartments &amp; Cubicles</b>	-			<b>\$ 6,059</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
<b>10800 - Toilet, Bath &amp; Laundry Accessories</b>	-			<b>\$ 497</b>
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

SERVICES

17,500.00 gsf

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Cost/Unit</i>	<i>Amount</i>
<b>13900 - Fire Suppression</b>	-			<b>\$ 70,000</b>
Fire Suppression Quote	17,500.00	gsf	\$ 4.00	\$ 70,000
<b>15400 - Plumbing Fixtures &amp; Equipment</b>	-			<b>\$ 131,250</b>
Plumbing Quote	17,500.00	gsf	\$ 7.50	\$ 131,250
<b>15700 - Heating, Ventilating &amp; Air Conditioning Equipment</b>	-			<b>\$ 183,750</b>
HVAC Quote	17,500.00	gsf	\$ 10.50	\$ 183,750
<b>16200 - Electrical Power</b>	-			<b>\$ 210,000</b>
Electrical Power & Lighting Quote	17,500.00	gsf	\$ 12.00	\$ 210,000

**SPECIAL CONSTRUCTION & DEMOLITION**

**14,060.00 sf**

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Cost/Unit</i>	<i>Amount</i>
<b>13120 - Pre-Engineered Structures</b>	-			<b>\$ 352,481</b>
Pre-engineered metal building; 100' x 150'; 25' eave height	14,060.00	sf	\$ 25.07	\$ 352,481