

Description	Total Project 17,500.00 gsf		Foundation Work 14,060.00 sf		Superstructure Work 17,500.00 gsf		Interiors Work 17,500.00 gsf		Building Services Work 17,500.00 gsf	
	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost
A10 - Foundations	\$ 44,653	\$ 2.55	\$ 44,653	\$ 3.18						
A20 - Subgrade Enclosures	\$ 133,423	\$ 7.62	\$ 133,423	\$ 9.49						
A40 - Slabs on Grade	\$ 150,665	\$ 8.61	\$ 150,665	\$ 10.72						
B10 - Superstructure	\$ 123,063	\$ 7.03			\$ 123,063	\$ 7.03				
B20 - Exterior Vertical Enclosures	\$ 38,720	\$ 2.21			\$ 25,303	\$ 1.45	\$ 13,417	\$ 0.77		
C10 - Interior Construction	\$ 104,792	\$ 5.99					\$ 104,792	\$ 5.99		
C20 - Interior Finishes	\$ 44,650	\$ 2.55					\$ 44,650	\$ 2.55		
D20 - Plumbing	\$ 149,671	\$ 8.55							\$ 149,671	\$ 8.55
D30 - HVAC	\$ 209,540	\$ 11.97							\$ 209,540	\$ 11.97
D40 - Fire Protection	\$ 79,825	\$ 4.56							\$ 79,825	\$ 4.56
D50 - Electrical	\$ 239,474	\$ 13.68							\$ 239,474	\$ 13.68
F10 - Special Construction	\$ 401,952	\$ 22.97			\$ 401,952	\$ 22.97				
<b>Grand Total</b>	<b>\$ 1,720,429</b>	<b>\$ 98.31</b>	<b>\$ 328,742</b>	<b>\$ 23.38</b>	<b>\$ 550,318</b>	<b>\$ 31.45</b>	<b>\$ 162,859</b>	<b>\$ 9.31</b>	<b>\$ 678,510</b>	<b>\$ 38.77</b>

Foundation Work

14,060.00 sf

Description	Quantity	Unit	Cost/Unit	Amount
<b>A10 - Foundations</b>	-			<b>\$ 44,653</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
Keyway form (5 uses); 2" x 4"	585.00	lf	\$ 6.33	\$ 3,701
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
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>A20 - Subgrade Enclosures</b>	-			<b>\$ 133,423</b>
Column forms; square, job built; 36" x 36"; 4 uses	1,055.21	sf	\$ 17.20	\$ 18,149
Wall forms, job built; exterior; up to 8' high; 4 uses	5,850.00	sf	\$ 12.10	\$ 70,771
Chamfer strip; wood; 3/4" wide	444.64	lf	\$ 3.09	\$ 1,373
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
Column concrete; 2500 or 3000 psi; by pump	22.61	cy	\$ 306.89	\$ 6,940
Wall concrete; 2500 or 3000 psi; to 4'; by chute	72.22	cy	\$ 190.69	\$ 13,772
Wall finish; break ties and patch holes	2,925.00	sf	\$ 2.17	\$ 6,355
Grouting for bases; non-shrink; non-metallic; 2" deep	126.33	sf	\$ 40.31	\$ 5,092
Board insulation; polystyrene; wall; 2" thick, R8.33	2,475.00	sf	\$ 1.88	\$ 4,663
<b>A40 - Slabs on Grade</b>	-			<b>\$ 150,665</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
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
Slab rebar; #3 - #4	6.21	ton	\$ 3,985.30	\$ 24,741
Slab on grade concrete; 3500 or 4000 psi; by chute	259.89	cy	\$ 198.21	\$ 51,513
Floor finish; screed	13,938.00	sf	\$ 1.36	\$ 18,927
Concrete curing; sprayed membrane; slabs	13,938.00	sf	\$ 0.25	\$ 3,469

**Superstructure Work**

**17,500.00 gsf**

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Cost/Unit</i>	<i>Amount</i>
<b>B10 - Superstructure</b>	-			<b>\$ 123,063</b>
Slab wire mesh; standard; 6" x 6"; W1.4 x W1.4	3,125.00	sf	\$ 0.78	\$ 2,444
Elevated slab concrete; 2500 or 3000 psi; by pump	40.99	cy	\$ 227.61	\$ 9,330
Floor finish; screed	3,125.00	sf	\$ 1.36	\$ 4,244
Concrete curing; sprayed membrane; slabs	3,125.00	sf	\$ 0.25	\$ 778
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
Metal joist; K series	9.76	ton	\$ 3,232.04	\$ 31,551
Metal deck; open type, galvanized; 1 1/2" deep; 20 ga	3,125.00	sf	\$ 5.56	\$ 17,366
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
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>B20 - Exterior Vertical Enclosures</b>	-			<b>\$ 25,303</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
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
Sectional metal overhead door, complete; commercial grade; 12' x 12'	3.00	each	\$ 3,361.19	\$ 10,084
Steel window, primed; industrial; fixed sash	18.00	sf	\$ 68.22	\$ 1,228
Hinges; 4" x 4" butts, steel, standard	10.50	pair	\$ 35.35	\$ 371
Latchset, heavy duty; mortise	1.00	each	\$ 341.82	\$ 342
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>F10 - Special Construction</b>	-			<b>\$ 401,952</b>
Pre-engineered metal building; 100' x 150'; 25' eave height	14,060.00	sf	\$ 28.59	\$ 401,952

Interiors Work

17,500.00 gsf

Description	Quantity	Unit	Cost/Unit	Amount
<b>B20 - Exterior Vertical Enclosures</b>	-			<b>\$ 13,417</b>
Metal framing; furring; on walls; 7/8" channel; 16" o.c.	1,987.50	sf	\$ 4.01	\$ 7,979
Drywall; plasterboard; 5/8"; nailed or screwed to walls	1,987.50	sf	\$ 1.77	\$ 3,525
Drywall; add for fire resistant	1,987.50	sf	\$ 0.14	\$ 272
Drywall; add for taping and finishing joints; average	1,987.50	sf	\$ 0.83	\$ 1,641
<b>C10 - Interior Construction</b>	-			<b>\$ 104,792</b>
Blocking; steel construction; walls; 2" x 6"	72.00	lf	\$ 10.24	\$ 737
Batt insulation; wall, fiberglass; unfaced; 4" thick, R11	4,700.00	sf	\$ 1.59	\$ 7,461
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
Wood door; solid core; 1 3/4" thick; birch faced; 3'-0" x 7'-0"	15.00	each	\$ 457.21	\$ 6,858
Top coiling grille, manually operated, steel or aluminum; opening; 6' high x 16' wide	1.00	each	\$ 5,583.66	\$ 5,584
Hinges; 4" x 4" butts, steel, standard	22.50	pair	\$ 35.35	\$ 795
Latchset, heavy duty; cylindrical	1.00	each	\$ 291.33	\$ 291
Lockset, heavy duty; cylindrical	14.00	each	\$ 422.46	\$ 5,915
Metal framing; studs, non-load bearing, galvanized; 3 5/8"; 20 ga; 16" o.c.	4,700.00	sf	\$ 3.15	\$ 14,822
Drywall; plasterboard; 5/8"; nailed or screwed to walls	8,950.00	sf	\$ 1.77	\$ 15,875
Drywall; add for fire resistant	8,500.00	sf	\$ 0.14	\$ 1,163
Drywall; add for water resistant	450.00	sf	\$ 0.22	\$ 98
Drywall; add for taping and finishing joints; average	8,950.00	sf	\$ 0.83	\$ 7,390
Acoustical panels; mineral fiber; 3/4" thick; 2' x 2'	2,920.00	sf	\$ 4.16	\$ 12,142
Ceiling suspension system; T-bar; 2' x 2'	2,920.00	sf	\$ 2.92	\$ 8,537
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
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>C20 - Interior Finishes</b>	-			<b>\$ 44,650</b>
Scratch coat; for ceramic tile	46.67	sy	\$ 14.90	\$ 696
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
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
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

**Building Services Work****17,500.00 gsf**

<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Cost/Unit</i>	<i>Amount</i>
<b>D20 - Plumbing</b>	-			<b>\$ 149,671</b>
Plumbing Quote	17,500.00	gsf	\$ 8.55	\$ 149,671
<b>D30 - HVAC</b>	-			<b>\$ 209,540</b>
HVAC Quote	17,500.00	gsf	\$ 11.97	\$ 209,540
<b>D40 - Fire Protection</b>	-			<b>\$ 79,825</b>
Fire Suppression Quote	17,500.00	gsf	\$ 4.56	\$ 79,825
<b>D50 - Electrical</b>	-			<b>\$ 239,474</b>
Electrical Power & Lighting Quote	17,500.00	gsf	\$ 13.68	\$ 239,474