Valdez Warehouse 1
Conceptual Design Estimate
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Qty	Craft Hours	Unit	Material	Labor	Equipment	Total
Division 1: General Conditions						
Figured as a Percentage of Job Cost Below						
Expanded in DD Estimate						
**Subtotal: 01 General Requirements						
	0.0		**0.00**	**0.00**	**0.00**	**0.00**
Division 2: Site Conditions						
Div 1 Rental - Extension Boom Forklift w/ Man Basket rental						
8,000 lb, 40' lift, 4 wheel steering, Rental for Month						
Per Unit:	--@.0000	Ea	0.00	0.00	4,000.00	4,000.00
6.00	--@.0000	Ea	0.00	0.00	24,000.00	24,000.00
Demolition of South End of Building						
Electric rolling scissor lift rental 21' - 30', Rental for Month						
Per Unit:	--@.0000	Ea	0.00	0.00	1,800.00	1,800.00
1.00	--@.0000	Ea	0.00	0.00	1,800.00	1,800.00
Strip Walls to Prep for Panel Removal						
Per Unit:	c@.0570	SF	0.00	4.42	1.25	5.67
1280.00	c@72.96	SF	0.00	5,657.60	1,600.00	7,257.60
Remove Doors, Mezzanines and Shelving						
Per Unit:	c@.0440	SF	0.00	3.41	1.20	4.61
3600.00	c@158.4	SF	0.00	12,276.00	4,320.00	16,596.00
Remove Panels						
Per Unit:	c@.0270	SF	0.00	2.10	1.00	3.10
8000.00	c@216.0	SF	0.00	16,800.00	8,000.00	24,800.00
Haul Debris (Excavator, Bobcat, and 2 Dump Trucks)						
Per Unit:	c@2.600	hours	0.00	201.80	535.00	736.80
42.00	c@109.2	hours	0.00	8,475.60	22,470.00	30,945.60
Remove Steel Building						
Per Unit:	s@30.00	days	250.00	2,642.00	3,200.00	6,092.00
3.00	s@90.00	days	750.00	7,926.00	9,600.00	18,276.00
Salvage 6 Girts in Event of Future Damage to Other Sections						
Per Unit:	s@9.000	ls	500.00	792.50	0.00	1,292.50
1.00	s@9.000	ls	500.00	792.50	0.00	1,292.50
Misc. Steel Cutting - Plasma, Acetylene, Grinder Disks						
Per Unit:	s@20.00	ls	150.00	1,761.00	2,000.00	3,911.00
1.00	s@20.00	ls	150.00	1,761.00	2,000.00	3,911.00
Gross Excavation to Expose Concrete - Save Spoils as Reusable Material						
Per Unit:	c@.1000	CY	0.00	7.76	19.40	27.16
420.00	c@42.00	CY	0.00	3,259.20	8,148.00	11,407.20
7" Slab Cut						
Per Unit:	c@.0550	LF	0.60	4.27	6.75	11.62
64.00	c@3.520	LF	38.40	273.28	432.00	743.68
8" Wall Cuts						
Per Unit:	c@.8560	LF	0.68	66.43	45.60	112.71
48.00	c@41.08	LF	32.64	3,188.64	2,188.80	5,410.08
18" Foundation Cuts						
Per Unit:	c@2.400	LF	1.80	186.20	125.00	313.00
12.00	c@28.80	LF	21.60	2,234.40	1,500.00	3,756.00
7" Slab on Grade Demolition						
Per Unit:	c@.0850	SF	0.00	6.60	1.11	7.71
3600.00	c@306.0	SF	0.00	23,760.00	4,006.80	27,766.80
Stem Walls and Footer Demolition						
Excavator with Hydraulic Hammer or Cutter						
Per Unit:	c@1.250	hours	40.00	97.00	255.00	392.00
36.00	c@45.00	hours	1,440.00	3,492.00	9,180.00	14,112.00

Qty	Craft Hours	Unit	Material	Labor	Equipment	Total
Excavator with Thumb						
Per Unit:	c@1.250	hours	40.00	97.00	210.00	347.00
36.00	c@45.00	hours	1,440.00	3,492.00	7,560.00	12,492.00
Haul Debris						
Trucks loaded using a loader or excavator w/ thumb						
Per Unit:	c@.3670	CY	0.00	28.48	12.00	40.48
160.00	c@58.72	CY	0.00	4,556.80	1,920.00	6,476.80
15% Add-on for Age of Reinforced Concrete						
Per Unit:	--@.0000	--	0.15	0.00	0.00	0.15
70760.00	--@.0000	--	10,614.00	0.00	0.00	10,614.00
****Subtotal: Demolition of South End of Building**						
	1245.7		**14,986.64**	**97,945.02**	**108,725.60**	**221,657.26**
Demolition of North End of Building						
Electric rolling scissor lift rental 21' - 30', Rental for Month						
Per Unit:	--@.0000	Ea	0.00	0.00	1,800.00	1,800.00
1.00	--@.0000	Ea	0.00	0.00	1,800.00	1,800.00
Caster-mounted interior scaffold, purchase - Use on Mezzanines						
Per Unit:	--@.0000	Ea	900.00	0.00	0.00	900.00
2.00	--@.0000	Ea	1,800.00	0.00	0.00	1,800.00
Strip Walls to Prep for Panel Removal						
Per Unit:	c@.0570	SF	0.00	4.42	1.25	5.67
1280.00	c@72.96	SF	0.00	5,657.60	1,600.00	7,257.60
Remove Doors and Shelving						
Per Unit:	c@.0440	SF	0.00	3.41	1.20	4.61
1800.00	c@79.20	SF	0.00	6,138.00	2,160.00	8,298.00
Temporary Protection						
Per Unit:	c@40.00	ls	4,000.00	3,104.00	0.00	7,104.00
1.00	c@40.00	ls	4,000.00	3,104.00	0.00	7,104.00
Remove Panels						
Per Unit:	c@.0270	SF	0.00	2.10	1.00	3.10
8000.00	c@216.0	SF	0.00	16,800.00	8,000.00	24,800.00
Haul Debris (Excavator, Bobcat, and 2 Dump Trucks)						
Per Unit:	c@2.600	hours	0.00	201.80	535.00	736.80
42.00	c@109.2	hours	0.00	8,475.60	22,470.00	30,945.60
Demolition of Center of Building						
Electric rolling scissor lift rental 21' - 30', Rental for Month						
Per Unit:	--@.0000	Ea	0.00	0.00	1,800.00	1,800.00
1.00	--@.0000	Ea	0.00	0.00	1,800.00	1,800.00
Caster-mounted interior scaffold, purchase - Use on Mezzanines						
Per Unit:	--@.0000	Ea	900.00	0.00	0.00	900.00
2.00	--@.0000	Ea	1,800.00	0.00	0.00	1,800.00
Temporary Protection						
Per Unit:	c@60.00	ls	6,000.00	4,656.00	0.00	10,656.00
1.00	c@60.00	ls	6,000.00	4,656.00	0.00	10,656.00
Strip Walls to Prep for Panel Removal						
Per Unit:	c@.0570	SF	0.00	4.42	1.25	5.67
1280.00	c@72.96	SF	0.00	5,657.60	1,600.00	7,257.60
Remove Doors and Shelving						
Per Unit:	c@.0440	SF	0.00	3.41	1.20	4.61
800.00	c@35.20	SF	0.00	2,728.00	960.00	3,688.00
Remove Panels						
Per Unit:	c@.0270	SF	0.00	2.10	1.00	3.10
6600.00	c@178.2	SF	0.00	13,860.00	6,600.00	20,460.00

Valdez Warehouse 1
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Qty	Craft	Hours	Unit	Material	Labor	Equipment	Total
Haul Debris (Excavator, Bobcat, and 2 Dump Trucks)							
Per Unit:		c@2.600	hours	0.00	201.80	535.00	736.80
33.00		c@85.80	hours	0.00	6,659.40	17,655.00	24,314.40
****Subtotal: Building Demolition**							
		949.5		**13,600.00**	**73,736.20**	**64,645.00**	**151,981.20**
New Construction:							
Civil Site Work							
Asphalt Paving							
Per Unit:		c@.0000	SF	3.50	0.00	0.00	3.50
3200.00		c@.0000	SF	11,200.00	0.00	0.00	11,200.00
Landscaping							
Per Unit:		c@60.00	ls	9,000.00	4,656.00	0.00	13,656.00
1.00		c@60.00	ls	9,000.00	4,656.00	0.00	13,656.00
Concrete Footers and Stem Wall							
Per Unit:		c@5.155	CY	350.00	400.00	0.00	750.00
12.00		c@61.86	CY	4,200.00	4,800.00	0.00	9,000.00
Slab on Grade Pinned to 7" Slab							
Per Unit:		c@.5180	SY	43.50	40.20	0.00	83.70
55.00		c@28.49	SY	2,392.50	2,211.00	0.00	4,603.50
Thickened Edge at Sliding Wall							
Per Unit:		c@5.000	CY	320.00	388.00	0.00	708.00
3.00		c@15.00	CY	960.00	1,164.00	0.00	2,124.00
Concrete Pilasters with 1" Embedded Bolts for Steel Posts							
Per Unit:		c@7.732	Ea	750.00	600.00	200.00	1,550.00
4.00		c@30.92	Ea	3,000.00	2,400.00	800.00	6,200.00
Additional Borrow to Achieve Grade , South End - Compacted							
Per Unit:		c@.0550	CY	35.00	4.27	0.00	39.27
150.00		c@8.250	CY	5,250.00	640.50	0.00	5,890.50
Annex Construction							
Nanawall Folding Door 11' 9 3/4" by 9' 11" RO							
Per Unit:		c@8.000	Ea	13,000.00	620.80	0.00	13,620.80
1.00		c@8.000	Ea	13,000.00	620.80	0.00	13,620.80
A-1 Exterior Walls							
Insulated, Preformed Siding Panels							
Per Unit:		SM@.1360	SF	17.17	11.50	0.00	28.67
5284.00		SM@718.6	SF	90,715.71	60,766.00	0.00	151,481.71
A-2 Exterior Walls - Only at New Annex							
6" steel exterior wall framing, 12" OC, 1-5/8" flange							
600S162-68 (14 gauge, 2.95 Lbs./SF)							
Per Unit:		c@.0410	SF	2.56	3.18	0.00	5.74
750.00		c@30.75	SF	1,922.70	2,385.00	0.00	4,307.70
Header Framing at Opening							
Per Unit:		c@6.000	ls	360.00	465.60	0.00	825.60
1.00		c@6.000	ls	360.00	465.60	0.00	825.60
Insulated, Preformed Siding Panels							
Per Unit:		SM@.1360	SF	17.17	11.50	0.00	28.67
700.00		SM@95.20	SF	12,017.60	8,050.00	0.00	20,067.60
Stone Veneer with clip system							
Per Unit:		c@.1050	SF	11.60	8.15	0.00	19.75
700.00		c@73.50	SF	8,120.00	5,705.00	0.00	13,825.00
Fiberglass batt insulation							
6-1/4", R-19, between studs							
Per Unit:		c@.0060	SF	0.68	0.47	0.00	1.15
750.00		c@4.500	SF	513.30	352.50	0.00	865.80

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Qty	Craft Hours	Unit	Material	Labor	Equipment	Total
GWB M,H,T,F&P (Fire Tape above Ceiling Height)						
Per Unit:	c@.0450	SF	1.50	3.49	0.00	4.99
750.00	c@33.75	SF	1,125.00	2,617.50	0.00	3,742.50
A-3 Exterior Walls						
Insulated, Preformed Siding Panels						
Per Unit:	SM@.1360	SF	17.17	11.50	0.00	28.67
4135.00	SM@562.3	SF	70,989.68	47,552.50	0.00	118,542.18
Stone Veneer with clip system						
Per Unit:	c@.1050	SF	11.60	8.15	0.00	19.75
4135.00	c@434.1	SF	47,966.00	33,700.25	0.00	81,666.25
R-1 Roof Assembly						
Insulated, Preformed Roof Panels						
Per Unit:	SM@.1360	SF	17.17	11.50	0.00	28.67
9000.00	SM@1224.	SF	154,512.00	103,500.00	0.00	258,012.00
R-2 Roof Assembly						
Insulated, Preformed Roof Panels						
Per Unit:	SM@.1360	SF	17.17	11.50	0.00	28.67
1008.00	SM@137.0	SF	17,305.34	11,592.00	0.00	28,897.34
Ridge Covers and Caulking						
Per Unit:	c@.0500	LF	9.18	3.88	0.00	13.06
195.00	c@9.750	LF	1,790.10	756.60	0.00	2,546.70
Fascia Roof Edge Flashing						
Per Unit:	SM@.0540	LF	5.01	4.57	0.00	9.58
400.00	SM@21.60	LF	2,004.48	1,828.00	0.00	3,832.48
Gable End / Door Flashing						
Per Unit:	SM@.0540	LF	5.01	4.57	0.00	9.58
200.00	SM@10.80	LF	1,002.24	914.00	0.00	1,916.24
Sheet Vinyl Flooring						
Per Unit:	c@.3000	SY	25.00	23.28	0.00	48.28
50.00	c@15.00	SY	1,250.00	1,164.00	0.00	2,414.00
Museum Quality Casework						
Per Unit:	c@1.350	LF	343.36	104.80	0.00	448.16
38.00	c@51.30	LF	13,047.68	3,982.40	0.00	17,030.08
Structural Steel for Canopy						
Per Unit:	s@16.00	ls	12,000.00	1,409.00	600.00	14,009.00
1.00	s@16.00	ls	12,000.00	1,409.00	600.00	14,009.00
HSS Structural Steel for Panels						
Per Unit:	s@.0300	LF	15.60	2.64	0.00	18.24
1200.00	s@36.00	LF	18,720.00	3,168.00	0.00	21,888.00
HSS Cuts and Welds at Vertical Posts						
Per Unit:	s@.5000	Ea	54.00	44.03	30.00	128.03
192.00	s@96.00	Ea	10,368.00	8,453.76	5,760.00	24,581.76
HSS Center Support and Strapping						
Per Unit:	s@.2500	Ea	42.00	22.01	22.00	86.01
96.00	s@24.00	Ea	4,032.00	2,112.96	2,112.00	8,256.96
****Subtotal: New Construction**						
	3812.9		**518,764.34**	**316,967.37**	**9,272.00**	**845,003.71**
Division 15: Mechanical						
Mechanical Demolition Associated with South End Removal						
Per Unit:	p@10.00	days	0.00	860.40	400.00	1,260.40
4.00	p@40.00	days	0.00	3,441.60	1,600.00	5,041.60
Mechanical Demolition Associated with Selective Demolition Above						
Per Unit:	p@10.00	MD	0.00	860.40	400.00	1,260.40
9.00	p@90.00	MD	0.00	7,743.60	3,600.00	11,343.60

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Qty	Craft Hours	Unit	Material	Labor	Equipment	Total
Mechanical Placeholder for 9200 sf Building						
Per Unit:	p@.2530	SF	18.26	21.77	0.00	40.03
9200.00	p@2327.	SF	167,992.00	200,284.00	0.00	368,276.00
****Subtotal: 15 Mechanical**						
	2457.6		**167,992.00**	**211,469.20**	**5,200.00**	**384,661.20**
Division 16: Electrical						
Electrical Demolition Associated with South End Removal						
Per Unit:	e@10.00	MD	0.00	936.80	400.00	1,336.80
4.00	e@40.00	MD	0.00	3,747.20	1,600.00	5,347.20
Electrical Demolition Associated with Selective Demolition Above						
Per Unit:	p@10.00	MD	0.00	860.40	400.00	1,260.40
6.00	p@60.00	MD	0.00	5,162.40	2,400.00	7,562.40
Electrical Placeholder for 9200 sf Building						
Per Unit:	p@.1390	SF	9.00	11.96	0.00	20.96
9200.00	p@1278.	SF	82,800.00	110,032.00	0.00	192,832.00
****Subtotal: 16 Electrical**						
	1378.8		**82,800.00**	**118,941.60**	**4,000.00**	**205,741.60**

Total	Manhours	Material	Labor	Equipment	
	9844.5	798,142.98	819,059.39	191,842.60	1,809,044.97
			6.50% Overhead:		117,587.92
			7.00% Contingency:		134,864.30
			8.50% Profit:		175,227.26
			Estimate Total:		**$2,236,724.45**