

**PROJECT:** North Island Building 36 Renovation  
 DACA21-01-0023-CM04  
 North Island Naval Air Station, California  
 North Island Naval Air Station, CA

**OWNER**  
 Department of the Army  
 Corps of Engineers  
 Sacramento District

**CONTRACTOR**

**DESIGNER**  
 Trans Systems  
 180 Grand Avenue, Suite 400  
 Oakland, CA 94612

**Project Number:** ver-01-05

GENERAL CONTRACTOR ADJUSTMENTS					
Contingency:	0.00%	Profit:	10.00%	Overhead:	0.00%
		Bond:	0.00%		

Cubic Footage: 1,995,000 Square Footage: 79,800

**Assemblies**

CSI Number	Description	Quantity	Unit	Man Hour	Total Labor	Total Material	Total Equip. or Sub. Quote	Total	\$/Unit	\$/SF
<i>General Requirements - 1A</i>										
	01A									
.01290 800 0010	Taxes, state, average	1.0	%	0	\$0	\$0	\$287,645	<b>\$287,645</b>	287,645.09	3.60
.01310 150 0100	Permits	1.0	Job	0	\$0	\$0	\$117,348	<b>\$117,348</b>	117,348.00	1.47
.01310 200 0100	Performance Bond	1.0	Job	0	\$0	\$0	\$78,232	<b>\$78,232</b>	78,232.00	0.98
.01310 350 0250	All-risk Insurance, maximum	1.0	Job	0	\$0	\$0	\$156,464	<b>\$156,464</b>	156,464.00	1.96
.01310 400 0150	Main Office Expense, average for General Contractors as a percentage of annual volume, annual volume up to 4.0 million dollars	1.0	% Vol.	0	\$0	\$0	\$250,342	<b>\$250,342</b>	250,342.40	3.14
.01310 700 0280	Field Personnel, superintendent, maximum	28.0	Week	0	\$125,230	\$0	\$0	<b>\$125,230</b>	4,472.51	1.57
.01450 500 0020	Field Testing, for concrete building, costing \$1,000,000, maximum	1.0	Project	0	\$0	\$0	\$2,794	<b>\$2,794</b>	2,794.00	0.04
.01510 050 0040	Temporary electrical power equipment (pro-rated per job), overhead feed, 3 uses, 200 amp	1.0	Ea.	8	\$849	\$1,201	\$0	<b>\$2,050</b>	2,050.05	0.03
.01510 050 0210	Temporary electrical power equipment (pro-rated per job), transformers, 3 uses, 30 KVA	1.0	Ea.	8	\$849	\$971	\$0	<b>\$1,820</b>	1,819.55	0.02
.01510 050 0890	Temporary electrical power equipment (pro-rated per job), connections, office trailer, 200 amp	1.0	Ea.	4	\$424	\$859	\$0	<b>\$1,283</b>	1,283.47	0.02
.01510 800 0650	Temporary Utilities, power for job duration, incl. elevator, etc, max	300.0	CSF Flr	0	\$0	\$0	\$553	<b>\$553</b>	1.84	0.01
.01520 500 0250	Office Trailer, furnished, rent per month, 20' x 8', excl. hookups	7.0	Ea.	0	\$0	\$1,838	\$0	<b>\$1,838</b>	262.64	0.02
.01520 500 0700	Office Trailer, excl. hookups, air conditioning, rent per month, add	7.0	Ea.	0	\$0	\$474	\$0	<b>\$474</b>	67.75	0.01
.01520 500 1250	Storage Boxes, rent per month, 20' x 8'	7.0	Ea.	0	\$0	\$890	\$0	<b>\$890</b>	127.13	0.01
.01520 550 0120	Field Office Expense, office supplies, average	7.0	Month	0	\$0	\$1,007	\$0	<b>\$1,007</b>	143.89	0.01
.01520 550 0140	Field Office Expense, telephone bill; avg. bill/month, incl. long dist.	7.0	Month	0	\$0	\$2,455	\$0	<b>\$2,455</b>	350.65	0.03

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<i>General Requirements - 1A</i> <span style="float: right;">01A</span>										
.01520 550 0160	Field Office Expense, field office lights & HVAC	7.0	Month	0	\$0	\$1,134	\$0	\$1,134	162.05	0.01
.01530 900 0100	Winter Protection, reinforced plastic on wood, incl. framing to close openings	500.0	S.F.	11	\$734	\$328	\$0	\$1,062	2.12	0.01
.01540 750 0090	Scaffolding, steel tubular, reg. rent, 1 use/mo, erect or dismantle, bldg ext, wall face, 6'-4" x 5' frames, 1 to 5 stories, excl. planks	50.0	C.S.F.	50	\$4,415	\$2,096	\$0	\$6,511	130.21	0.08
.01540 750 2850	Scaffolding, steel tubular, regular, accessory, plank, rent/mo, 2" x 10" x 16' L	20.0	Ea.		\$0	\$172	\$0	\$172	8.59	0.00
.01560 250 0100	Temporary Fencing, chain link, 8' high, 11 ga	2,477.0	L.F.	131	\$9,260	\$18,383	\$0	\$27,644	11.16	0.35
.01580 700 0010	Project Signs, sign, Hi-intensity reflectorized, buy, excl. posts	32.0	S.F.	2	\$80	\$894	\$0	\$974	30.45	0.01
.01590 200 0400	Rent backhoe-loader 40 to 45 HP 5/8 CY capacity	10.0	Day	0	\$0	\$0	\$2,584	\$2,584	258.45	0.03
.02220 350 0840	Rubbish handling, dumpster, 40 C.Y., 13 ton capacity, weekly rental, includes one dump per week, cost to be added to demolition cost.	15.0	Week	0	\$0	\$0	\$19,383	\$19,383	1,292.23	0.24
<b>SUBTOTAL</b> <i>General Requirements - 1A</i>					<b>214</b>			<b>\$1,089,891</b>		<b>13.66</b>
<i>Sitework - Demolition</i> <span style="float: right;">02A</span>										
.01540 750 0090	Scaffolding, steel tubular, reg. rent, 1 use/mo, erect or dismantle, bldg ext, wall face, 6'-4" x 5' frames, 1 to 5 stories, excl. planks	50.0	C.S.F.	50	\$4,415	\$2,096	\$0	\$6,511	130.21	0.08
.01540 750 0460	Scaffolding, steel tubular, reg. rent, 1 use/mo, erect or dismantle, bldg interior, wall face, 6'-4" x 5' frames, up to 16' H, excl. planks	20.0	C.S.F.	19	\$1,697	\$838	\$0	\$2,535	126.77	0.03
.01590 400 0160	Shed Demo - Rent aerial lift to 25'high 2000 lb cap scissor type	5.0	Day	0	\$0	\$0	\$458	\$458	91.50	0.01
.01590 400 0160	Mezz Demo - Rent aerial lift to 25'high 2000 lb cap scissor type	2.0	Day	0	\$0	\$0	\$183	\$183	91.50	0.00
.015906002550	Demo shaft structures - Rent crane truck mounted, hydraulic	2.0	Week	0	\$0	\$0	\$5,658	\$5,658	2,828.93	0.07
.02220 110 0050	Shed Demo - General	35,910.0	C.F.	144	\$10,705	\$0	\$7,525	\$18,230	0.51	0.23
.02220 110 0080	Clear out Debris	3,500.0	C.F.	11	\$803	\$0	\$587	\$1,390	0.40	0.02
.02220 130 0240	Shed Demo - Footings and foundations demolition, floors, concrete slab on grade, plain concrete, 4" thick	1,995.0	S.F.	160	\$10,753	\$0	\$920	\$11,673	5.85	0.15
.02220 130 0240	Demo shaft structures - Footings and foundations demolition, floors, concrete slab on grade, plain concrete, 4" thick	216.0	S.F.	17	\$1,164	\$0	\$100	\$1,264	5.85	0.02
.02220 130 1000	Shed Demo - Footings and foundations demolition, footings, concrete, 1' thick, 2' wide	253.0	L.F.	47	\$3,424	\$0	\$1,117	\$4,541	17.95	0.06

**GENERAL CONTRACTOR ADJUSTMENTS**

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ver-01-05

**Assemblies**

CSI Number	Description	Quantity	Unit	Man Hour	Total Labor	Total Material	Total Equip. or Sub. Quote	Total	\$/Unit	\$/SF
<i>Sitework - Demolition</i>										
	02A									
.02220 130 1000	Demo shaft structures - Footings and foundations demolition, footings, concrete, 1' thick, 2' wide	108.0	L.F.	20	\$1,461	\$0	\$477	\$1,938	17.95	0.02
.02220 220 1760	Crane Demo - Rail removal demolition	700.0	L.F.	22	\$1,477	\$0	\$0	\$1,477	2.11	0.02
.02220 240 1000	Minor site demolition, masonry walls, block or tile, solid, remove, excludes hauling	2,900.0	C.F.	90	\$6,585	\$0	\$2,107	\$8,692	3.00	0.11
.02220 310 0600	Cutout demolition, walls, non-reinforced concrete, under 6 C.F., cut out and break up	12.7	C.F.	8	\$571	\$0	\$49	\$620	48.68	0.01
.02220 310 2040	Demo Wainscotting - Cutout demolition, brick, opening, to 4 S.F., 4" thick, excludes toothing	360.0	Ea.	480	\$32,202	\$0	\$2,766	\$34,968	97.13	0.44
.02220 310 3000	Cutout demolition, toothing masonry cutouts, brick, soft old mortar, 6", remove	14.0	V.L.F.	3	\$181	\$0	\$0	\$181	12.96	0.00
.02220 310 3000	Demo Wainscotting - Cutout demolition, toothing masonry cutouts, brick, soft old mortar, 6", remove	150.0	sf	30	\$1,032	\$0	\$0	\$1,032	6.88	0.01
.02220 350 0840	Rubbish handling, dumpster, 40 C.Y., 13 ton capacity, weekly rental, includes one dump per week, cost to be added to demolition cost.	4.0	Week	0	\$0	\$0	\$5,169	\$5,169	1,292.23	0.06
.02220 350 3080	Rubbish handling, loading & trucking, machine loading truck, includes 2 mile haul, cost to be added to demolition cost.	155.0	C.Y.	41	\$2,897	\$0	\$990	\$3,887	25.08	0.05
.02220 350 5100	Rubbish handling, over 8 C.Y. truck, loading & trucking, haul, per mile, includes 2 mile haul, cost to be added to demolition cost.	155.0	C.Y.	1	\$57	\$0	\$69	\$126	0.81	0.00
.02220 360 5020	Saw cutting, wood sheathing, on roof, to 1" thick	1,390.0	L.F.	44	\$3,762	\$0	\$0	\$3,762	2.71	0.05
.02220 370 0020	Crane Demo - Torch cutting, steel, 1" thick plate	95.0	L.F.	2	\$139	\$31	\$0	\$170	1.79	0.00
.02220 370 0020	Mezz Demo - Torch cutting, steel, 1" thick plate	21.0	L.F.	0	\$31	\$7	\$0	\$38	1.79	0.00
.02220 370 0040	Crane Demo - Torch cutting, steel, bar, 1" diameter	100.0	Ea.	4	\$252	\$0	\$0	\$252	2.52	0.00
.02220 370 0040	Mezz Demo - Torch cutting, steel, bar, 1" diameter	20.0	Ea.	1	\$50	\$0	\$0	\$50	2.52	0.00
.03055 110 1680	Ramp - Framing demolition, concrete, average reinforcing, slabs, elevated	1,544.0	S.F.	171	\$12,749	\$0	\$971	\$13,719	8.89	0.17
.05060 110 2000	Crane Demo - Framing demolition, structural steel beams	1,260.0	L.F.	141	\$9,219	\$0	\$2,271	\$11,489	9.12	0.14
.05060 110 2000	Enclose Edge of Platform - Framing demolition, structural steel	145.0	L.F.	16	\$1,061	\$0	\$261	\$1,322	9.12	0.02
.05060 110 2020	Demo shaft structures - Framing demolition, structural steel beams	648.0	L.F.	91	\$5,915	\$0	\$1,457	\$7,373	11.38	0.09
.05060 110 2200	Demo shaft structures - Framing demolition, structural steel columns	560.0	L.F.	78	\$5,112	\$0	\$1,260	\$6,372	11.38	0.08

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**Assemblies**

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		02A									
.05060 110 2200	.Mezz Demo - Framing demolition, structural steel columns	90.0	L.F.	13	\$822	\$0	\$202	\$1,024	11.38	0.01	
.05060 110 2280	.Crane Demo - Framing demolition, structural steel columns	950.0	L.F.	166	\$10,829	\$0	\$2,668	\$13,497	14.21	0.17	
.05060 110 2400	.Mezz Demo - Framing demolition, structural steel frame	300.0	L.F.	75	\$4,851	\$0	\$1,199	\$6,050	20.17	0.08	
.05060 110 2440	.Crane Demo - Framing demolition, structural steel girders,	700.0	L.F.	196	\$12,764	\$0	\$3,139	\$15,903	22.72	0.20	
.05090 920 0100	.Crane Demo - Cutting, steel, to 1/2" thick, by hand, incl prep, torch cutting & grinding, excl staging	240.0	L.F.	6	\$545	\$0	\$94	\$639	2.66	0.01	
.05090 920 0100	.Mezz Demo - Cutting, steel, to 1/2" thick, by hand, incl prep, torch cutting & grinding, excl staging	50.0	L.F.	1	\$114	\$0	\$20	\$133	2.66	0.00	
.06052 120 3140	.Demo Strap, Coverplate ect.	150.0	L.F.	10	\$802	\$0	\$0	\$802	5.34	0.01	
.07060 110 1350	.Roofing and siding demolition, deck, roof, plywood, to 1" thick	1,950.0	S.F.	16	\$1,116	\$0	\$0	\$1,116	0.57	0.01	
.07060 110 1360	.Roofing and siding demolition, flashing, aluminum	3,684.0	S.F.	103	\$7,377	\$0	\$0	\$7,377	2.00	0.09	
.07060 110 1360	.Skirt around door hood and endwall cover - Roofing and siding demolition, flashing, aluminum	320.0	S.F.	9	\$641	\$0	\$0	\$641	2.00	0.01	
.07060 110 2000	.Roofing and siding demolition, gutters, aluminum or wood, edge hung	1,000.0	L.F.	33	\$2,408	\$0	\$0	\$2,408	2.41	0.03	
.07060 110 2145	.Roofing and siding demolition, downspout storm water riser, remove	19.0	Ea.	10	\$731	\$0	\$0	\$731	38.50	0.01	
.07060 110 2500	.Roofing and siding demolition, roof accessories, plumbing vent flashing	20.0	Ea.	11	\$825	\$0	\$0	\$825	41.24	0.01	
.07060 110 2650	.Roofing and siding demolition, coping, sheet metal, up to 12" wide	1,228.0	L.F.	41	\$2,957	\$0	\$0	\$2,957	2.41	0.04	
.07060 110 3400	.Roofing and siding demolition, roof insulation board, to 2" thick	57,000.0	S.F.	570	\$42,127	\$0	\$0	\$42,127	0.74	0.53	
.07060 110 5000	.Roofing and siding demolition, siding, metal, horizontal	2,240.0	S.F.	40	\$2,937	\$0	\$0	\$2,937	1.31	0.04	
.08060 110 0200	.Door demolition, exterior door, single, 3' x 7' high, 1-3/4" thick, remove	3.0	Ea.	2	\$112	\$0	\$0	\$112	37.27	0.00	
.08060 110 0500	.Door demolition, interior door, single, 3' x 7' high, 1-3/8" thick, remove	1.0	Ea.	0	\$30	\$0	\$0	\$30	29.82	0.00	
.08060 110 2000	.Door demolition, door frames, metal	1.0	Ea.	1	\$95	\$0	\$0	\$95	95.18	0.00	
.08060 110 2000	.Door demolition, door frames int	1.0	Ea.	1	\$95	\$0	\$0	\$95	95.18	0.00	

**GENERAL CONTRACTOR ADJUSTMENTS**

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Cubic Footage: 1,995,000 Square Footage: 79,800

Project Number:

ver-01-05

**Assemblies**

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<b>Sitework - Demolition</b>				02A						
.08060 120 0200	Window demolition, aluminum, to 12 S.F. int	2.0	Ea.	1	\$75	\$0	\$0	\$75	37.27	0.00
.08060 120 0280	Window demolition	105.0	Ea.	210	\$18,062	\$0	\$0	\$18,062	172.02	0.23
.08060 120 2020	Remove Louver	10.0	Ea.	4	\$331	\$0	\$0	\$331	33.14	0.00
.09060 120 2000	Flooring demolition, tile, ceramic, thin set	900.0	S.F.	22	\$1,672	\$0	\$0	\$1,672	1.86	0.02
.09060 130 2250	Demo shaft structures - Walls and partitions demolition, metal or wood studs, finish two sides, lath and plaster	12,000.0	S.F.	1,104	\$13,252	\$0	\$0	\$13,252	1.10	0.17
.14210 100 7100	Demo Elevators	1.0	Ea.	160	\$13,231	\$0	\$0	\$13,231	13,231.17	0.17
.15055 600 1200	Fixture, lavatory, wall hung, remove, includes 10' piping	3.0	Ea.	2	\$255	\$0	\$0	\$255	84.86	0.00
.15055 600 1300	Fixture, sink, steel or cast iron, single, remove	3.0	Ea.	3	\$317	\$0	\$0	\$317	105.51	0.00
.15055 600 1400	Fixture, water closet, floor mounted, remove, includes 10' piping	3.0	Ea.	3	\$317	\$0	\$0	\$317	105.51	0.00
.15055 600 1500	Fixture, urinal, floor mounted, remove, includes 10' piping	3.0	Ea.	6	\$636	\$0	\$0	\$636	212.16	0.01
.15055 600 1600	Fixture, water fountain, free standing, remove, includes 10' piping	1.0	Ea.	1	\$106	\$0	\$0	\$106	105.51	0.00
.15055 600 2000	Pipe, metal pipe, to 1-1/2" diam., remove	300.0	L.F.	12	\$1,273	\$0	\$0	\$1,273	4.24	0.02
.15055 600 2050	Pipe, metal pipe, 2" to 3-1/2" diam., remove	30.0	L.F.	2	\$170	\$0	\$0	\$170	5.67	0.00
.15055 600 2100	Pipe, metal pipe, 4" to 6" diam., remove	20.0	L.F.	3	\$339	\$0	\$0	\$339	16.97	0.00
.16055 300 1100	Crane Demo Equipment Demo - Small Equipment	8.0	Ea.	5	\$495	\$0	\$0	\$495	61.93	0.01
.16055 300 1160	Crane Demo Equipment Demo - Large equipment	4.0	Ea.	6	\$615	\$0	\$0	\$615	153.67	0.01
.16055 300 2720	Light, exterior, 250 Watt, remove	10.0	Ea.	6	\$608	\$0	\$0	\$608	60.78	0.01
<b>SUBTOTAL Sitework - Demolition</b>					<b>4,548</b>			<b>\$306,329</b>		<b>3.84</b>
<b>Sitework - Landscaping/Irrigation</b>				02G						
.02840 800 1400	Parking barriers, pipe bollards, conc filled/paint, 8' L x 4' D hole, 8" diam.	2.0	Ea.	3	\$211	\$1,062	\$40	\$1,313	656.27	0.02

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<i>Sitework - Landscaping/Irrigation</i>				02G						
<b>SUBTOTAL</b> <i>Sitework - Landscaping/Irrigation</i>				<b>3</b>				<b>\$1,313</b>		<b>0.02</b>
<i>Concrete - General/Miscellaneous</i>				03						
.03310 240 1900	.Ramp - Structural concrete, in place, elevated slab, flat slab, 125 psf superimposed load, 20' span, includes forms(4 uses), reinforcing steel, and finishing, NO SHEET S510	6.0	C.Y.	32	\$2,917	\$1,676	\$167	\$4,761	793.44	0.06
.03310 240 5210	.Ramp - Structural concrete, in place, lift slab above the foundation, minimum, includes forms(4 uses), reinforcing steel, columns and finishing, NO SHEET S510	1,544.0	S.F.	151	\$13,705	\$13,805	\$777	\$28,286	18.32	0.35
.03920 600 0150	.Patching concrete, floors, small area, epoxy grout, 1/4" thick	152.0	S.F.	12	\$1,081	\$1,094	\$0	\$2,174	14.30	0.03
.03920 600 0150	.Shed Demo - Patching concrete, floors, small area, epoxy grout, 1/4" thick	209.0	S.F.	17	\$1,486	\$1,504	\$0	\$2,990	14.30	0.04
.03920 600 0150	.Mezz Demo - Patching concrete, floors, small area, epoxy grout, 1/4" thick	6.0	S.F.	0	\$43	\$43	\$0	\$86	14.30	0.00
.03920 600 0150	.Enclose Edge of Platform - Patching concrete, floors, small area, epoxy grout, 1/4" thick, NO SHEET S510	217.5	S.F.	17	\$1,546	\$1,565	\$0	\$3,111	14.30	0.04
.03920 600 2150	.Window Openings - Patching concrete, walls, epoxy grout, includes chipping or sand blasting, average	1,482.0	S.F.	237	\$21,075	\$17,391	\$0	\$38,466	25.96	0.48
<b>SUBTOTAL</b> <i>Concrete - General/Miscellaneous</i>				<b>468</b>				<b>\$79,873</b>		<b>1.00</b>
<i>Interior Walls, Non-Load Bearing - System</i>				04S						
.04910 700 0580	.Mezz Demo - Patching, concrete, maximum, includes cleaning, chipping and epoxy, excludes scaffolding	40.2	S.F.	8	\$682	\$570	\$0	\$1,252	31.15	0.02
.04910 720 0320	.Pointing, masonry, tuck, cut and re-point, hard mortar, common bond	250.0	S.F.	26	\$2,391	\$119	\$0	\$2,510	10.04	0.03
<b>SUBTOTAL</b> <i>Interior Walls, Non-Load Bearing - System</i>				<b>34</b>				<b>\$3,762</b>		<b>0.05</b>
<i>Exterior Walls - System</i>				04U						
.04910 700 0520	.Patching, concrete, minimum, includes cleaning, chipping and epoxy, excludes scaffolding	9.4	S.F.	1	\$98	\$67	\$0	\$165	17.54	0.00
.04910 700 0540	.Patching, concrete, average, includes cleaning, chipping and epoxy, excludes scaffolding	165.0	S.F.	26	\$2,233	\$1,763	\$0	\$3,996	24.22	0.05
.04910 700 0580	.Shed Demo - Patching, concrete, maximum, includes cleaning, chipping and epoxy, excludes scaffolding	199.7	S.F.	40	\$3,389	\$2,831	\$0	\$6,220	31.15	0.08
.04910 700 0580	.Demo shaft structures - Patching, concrete, maximum, includes cleaning, chipping and epoxy, excludes scaffolding	160.8	S.F.	32	\$2,729	\$2,280	\$0	\$5,009	31.15	0.06
.04910 720 0320	.Pointing, masonry, tuck, cut and re-point, hard mortar, common bond	700.0	S.F.	73	\$6,695	\$332	\$0	\$7,027	10.04	0.09
<b>SUBTOTAL</b> <i>Exterior Walls - System</i>				<b>172</b>				<b>\$22,417</b>		<b>0.28</b>

**GENERAL CONTRACTOR ADJUSTMENTS**

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Project Number:

ver-01-05

**Assemblies**

CSI Number	Description	Quantity	Unit	Man Hour	Total Labor	Total Material	Total Equip. or Sub. Quote	Total	\$/Unit	\$/SF
<i>Miscellaneous Metals</i> 05C										
.05090 340 0200	Enclose Edge of Platform - Drilling, for anchors, up to 4" D, 3/8" dia, in concrete or brick walls and floors, incl bit & layout, excl anchor	73.0	Ea.	9	\$712	\$9	\$0	\$721	9.87	0.01
.05120 300 1300	Enclose Edge of Platform - Curb edging, structural steel channel w/ anchors, on concrete forms, 11.5 plf, 8"	145.0	L.F.	21	\$1,796	\$2,502	\$69	\$4,366	30.11	0.05
.05514 500 0100	Ladder, steel, 20" W, bolted to concrete, excl cage	10.0	V.L.F.	4	\$353	\$412	\$13	\$778	77.80	0.01
.05514 500 0300	Ladder, aluminum, 20" W, bolted to concrete, incl cage - Removal and new	23.0	V.L.F.	21	\$1,920	\$3,020	\$49	\$4,990	216.96	0.06
.05520 700 0560	Railing, pipe, steel, galvanized, 2 rails, 1-1/2" dia	60.0	L.F.	12	\$1,135	\$1,538	\$40	\$2,714	45.23	0.03
.05520 700 0640	Ramp - Railing, pipe, steel, galvanized, 3 rails, 1-1/2" dia	340.0	L.F.	80	\$7,486	\$13,774	\$271	\$21,531	63.33	0.27
<b>SUBTOTAL Miscellaneous Metals</b>				<b>146</b>				<b>\$35,100</b>		<b>0.44</b>
<i>Rough Carpentry</i> 06A										
.06070 400 0800	Lumber Treatment, salt treated, oil borne, 8 lb retention	7.5	M.B.F.		\$0	\$1,802	\$0	\$1,802	240.28	0.02
.06110 100 2740	Miscellaneous wood blocking, to steel construction	5.0	M.B.F.	286	\$28,957	\$4,435	\$0	\$33,392	6,678.42	0.42
.06160 800 0100	Sheathing, on roof, CDX	1,950.0	S.F.	21	\$4,249	\$2,724	\$0	\$6,973	3.58	0.09
<b>SUBTOTAL Rough Carpentry</b>				<b>307</b>				<b>\$42,167</b>		<b>0.53</b>
<i>Finish Carpentry</i> 06B										
.06110 555 8000	Wood framing, roof curbs, untreated, 2" x 12"	1.5	M.B.F.	30	\$3,062	\$2,096	\$0	\$5,157	3,438.30	0.06
.06160 800 1800	Sheathing, with boards, on roof, laid diagonal, 1" x 8"	57,000.0	S.F.	1,254	\$128,123	\$86,796	\$0	\$214,919	3.77	2.69
<b>SUBTOTAL Finish Carpentry</b>				<b>1,284</b>				<b>\$220,076</b>		<b>2.76</b>
<i>Roofing</i> 07B										
.04810 250 0800	Aluminum coping, stock units, for 12" wall	1,228.0	L.F.	246	\$25,814	\$31,445	\$0	\$57,259	46.63	0.72
.070906002550	Rent crane truck mounted, hydraulic, 35 ton capacity	2.0	Week	0	\$0	\$0	\$5,881	\$5,881	2,940.30	0.07
.07160 500 5000	Drain, scupper	19.0	Ea.	19	\$2,444	\$4,591	\$0	\$7,034	370.22	0.09
.07220 700 1715	Polyisocyanurate Insulation, for roof decks, 1-1/2" thick, R10.87, 2#/CF density	57,000.0	S.F.	342	\$37,095	\$50,569	\$0	\$87,664	1.54	1.10

**GENERAL CONTRACTOR ADJUSTMENTS**

Contingency: 0.00% Profit: 10.00% Overhead: 0.00% Bond: 0.00%

Cubic Footage: 1,995,000 Square Footage: 79,800

Project Number:

ver-01-05

**Assemblies**

CSI Number	Description	Quantity	Unit	Man Hour	Total Labor	Total Material	Total Equip. or Sub. Quote	Total	\$/Unit	\$/SF
<i>Roofing</i>										
	07B									
.07220 700 1765	Roof Deck Insulation, polyisocyanurate, tapered for drainage	2,500.0	B.F.	15	\$1,395	\$2,265	\$0	\$3,660	1.46	0.05
.07510 400 0010	Cants, treated lumber, cut diagonally, 4" x 4"	1,228.0	L.F.	31	\$3,083	\$3,987	\$0	\$7,069	5.76	0.09
.07510 700 0600	Felt, glass fibered, flashing membrane, #45	49.1	Sq.	25	\$2,504	\$2,689	\$0	\$5,193	105.72	0.07
.07530 800 4800	Single-Ply Membrane, ethylene propylene diene monomer (EPDM), 0.40 P.S.F., fully adhered with adhesive, 60 mils	570.0	Sq.	877	\$81,257	\$108,669	\$4,511	\$194,437	341.12	2.44
.07710 400 0400	Downspouts	760.0	L.F.	43	\$6,100	\$2,855	\$0	\$8,955	11.78	0.11
.07710 650 2500	Gutters, half round or box	1,000.0	L.F.	67	\$9,359	\$2,548	\$0	\$11,907	11.91	0.15
.07720 700 1200	Roof Hatches, with curb	1.0	Ea.	5	\$567	\$2,784	\$0	\$3,351	3,351.34	0.04
<b>SUBTOTAL Roofing</b>					<b>1,669</b>			<b>\$392,410</b>		<b>4.92</b>
<i>Metal Cladding</i>										
	07D									
.07460 100 3650	Skirt around door hood and endwall cover - Aluminum siding, flashing, endwall, .040" thick	80.0	L.F.	3	\$286	\$314	\$0	\$600	7.50	0.01
.07460 800 1600	Steel Siding,	2,240.0	S.F.	188	\$16,874	\$14,636	\$0	\$31,510	14.07	0.39
<b>SUBTOTAL Metal Cladding</b>					<b>191</b>			<b>\$32,110</b>		<b>0.40</b>
<i>Hollow Metal Doors/Windows</i>										
	08A									
.08110 200 1360	Doors, commercial, steel, flush, half glass, hollow core, 18 ga., 3'-0" x 7'-0" x 1-3/4" thick	1.0	Ea.	1	\$87	\$395	\$0	\$483	482.51	0.01
.08110 200 1760	Doors, commercial, steel, insulated, full panel, 18 ga., 3'-0" x 7'-0" x 1-3/4" thick	2.0	Ea.	2	\$197	\$612	\$0	\$809	404.57	0.01
.08110 820 5400	Frames, steel, knock down, "B" label, single, 14 ga., up to 5-3/4" deep, 7'-0" h x 4'-0" w	1.0	Ea.	1	\$99	\$154	\$0	\$252	252.29	0.00
.081102001400	Doors, commercial, steel, flush, 18 ga., 4'-0" x 8'-0" x 1-3/4" thick	6.0	Ea.	7	\$633	\$3,437	\$0	\$4,070	678.28	0.05
.081102500200	Door frames, steel channels with anchors and bar stops, 8" channel@ 11.5 lb/LF,	3.0	Ea.	11	\$1,128	\$972	\$36	\$2,137	712.27	0.03
.085201002100	Windows, aluminum sash, custom, grade 3, excl. glazing, max	2,159.0	S.F.	406	\$43,329	\$141,758	\$0	\$185,086	85.73	2.32
<b>SUBTOTAL Hollow Metal Doors/Windows</b>					<b>428</b>			<b>\$192,837</b>		<b>2.42</b>

**GENERAL CONTRACTOR ADJUSTMENTS**

Contingency: 0.00% Profit: 10.00% Overhead: 0.00% Bond: 0.00%

Cubic Footage: 1,995,000 Square Footage: 79,800

Project Number:

ver-01-05

**Assemblies**

CSI Number	Description	Quantity	Unit	Man Hour	Total Labor	Total Material	Total Equip. or Sub. Quote	Total	\$/Unit	\$/SF
<b>Special Doors... Garage, Folding, Overhead</b>										
.13081 100 1500	Roll Up Door Curtain	168.0	SF Surf	19	\$2,235	\$1,408	\$0	\$3,643	21.68	0.05
	<b>SUBTOTAL Special Doors... Garage, Folding, Overhead</b>			<b>19</b>				<b>\$3,643</b>		<b>0.05</b>
<b>Glazing</b>										
.088102600900	Float Glass, tempered, tinted, 1/4" thick	11,484.0	S.F.	1,527	\$139,599	\$154,014	\$0	\$293,614	25.57	3.68
	<b>SUBTOTAL Glazing</b>			<b>1,527</b>				<b>\$293,614</b>		<b>3.68</b>
<b>Hardware</b>										
.08710 150 2850	Door hardware, single	3.0	Door	4	\$320	\$3,143	\$0	\$3,464	1,154.52	0.04
	<b>SUBTOTAL Hardware</b>			<b>4</b>				<b>\$3,464</b>		<b>0.04</b>
<b>Painting and Wall Covering</b>										
.01540 750 0090	Scaffolding, steel tubular, reg. rent, 1 use/mo, erect or dismantle, bldg ext, wall face, 6'-4" x 5' frames, 1 to 5 stories, excl. planks	87.5	C.S.F.	88	\$7,727	\$3,667	\$0	\$11,394	130.21	0.14
.01540 750 2850	Scaffolding, steel tubular, regular, accessory, plank, rent/mo, 2" x 10" x 16' L	105.0	Ea.		\$0	\$902	\$0	\$902	8.59	0.01
.05950 650 6940	Ramp - Paints and protective coatings, universal primer, epoxy, two part, sprayed	1,360.0	S.F.	11	\$749	\$475	\$0	\$1,224	0.90	0.02
.07920 800 3600	Caulking & Sealants, polyurethane, bulk, in place, 1 or 2 component, 1/2" x 1/4"	2,149.0	L.F.	118	\$11,271	\$1,217	\$0	\$12,488	5.81	0.16
.09910 310 0190	Paints & Coatings, int. latex, doors, flush, both sides, spray, primer + 2 coats, incl. frame & trim	3.0	Ea.	3	\$241	\$53	\$0	\$293	97.81	0.00
.09910 320 9400	Paints & Coatings, interior, alkyd (oil base), windows, w/frame & trim, per side, standard, single lite, oil, paint 1 coat, brushwork, 4' x 8'	91.0	Ea.	52	\$4,174	\$248	\$0	\$4,422	48.60	0.06
.09910 910 0590	Paints & Coatings, walls, concrete masonry units (CMU), porous	50,523.0	S.F.	152	\$12,747	\$2,117	\$0	\$14,864	0.29	0.19
.09910 920 0880	Paints & Coatings, walls, interior, concrete, drywall or plaster, oil base, 2 coats, smooth finish, spray	24,432.0	S.F.	122	\$12,608	\$3,072	\$0	\$15,680	0.64	0.20
.09910 920 1280	Paints & Coatings, ceilings, interior, smooth finish, spray	29,600.0	S.F.	148	\$12,219	\$5,789	\$0	\$18,008	0.61	0.23
.09990 900 0150	Ramp - Surface Preparation, power wash, based on 2500 lb operating pressure, metal, flush, excl. frames or trim	1,000.0	S.F.	18	\$1,284	\$0	\$98	\$1,382	1.38	0.02
.09990 900 0810	Surface Preparation, exterior, siding, masonry, brick & block, pressure wash, based on 2500 lb operating pressure	50,523.0	S.F.	859	\$60,255	\$0	\$4,941	\$65,195	1.29	0.82
.09990 900 1310	Prep Stair - Surface Preparation, exterior, misc., wire brush, metal, pedestrian gate	412.5	S.F.	33	\$2,668	\$0	\$0	\$2,668	6.47	0.03

**GENERAL CONTRACTOR ADJUSTMENTS**

Contingency: 0.00% Profit: 10.00% Overhead: 0.00% Bond: 0.00%

Cubic Footage: 1,995,000 Square Footage: 79,800

Project Number: ver-01-05

**Assemblies**

CSI Number	Description	Quantity	Unit	Man Hour	Total Labor	Total Material	Total Equip. or Sub. Quote	Total	\$/Unit	\$/SF
<b>Painting and Wall Covering</b>				09H						
.09990 910 0660	Surface Preparation, interior, walls, sand, drywall, gypsum, plaster, light	5,000.0	S.F.	15	\$1,147	\$0	\$0	\$1,147	0.23	0.01
.09990 910 0750	Surface Preparation, interior, walls, wash, masonry, brick & block, smooth	29,600.0	S.F.	89	\$6,790	\$0	\$0	\$6,790	0.23	0.09
<b>SUBTOTAL Painting and Wall Covering</b>				<b>1,707</b>				<b>\$156,458</b>		<b>1.96</b>
<b>Special Construction</b>				13A						
.021103001130	Hazardous waste cleanup/pickup/disposal, solid pickup, bulk material, maximum	18.0	Ton	0	\$0	\$0	\$20,758	\$20,758	1,153.22	0.26
.021103001270	Hazardous waste cleanup/pickup/disposal, transportation to disposal site, truckload = 80 drums or 25 C.Y. or 18 tons, maximum	30.0	Mile	0	\$0	\$0	\$275	\$275	9.17	0.00
.021103006020	Hazardous waste cleanup/pickup/disposal, dumpsite disposal charge, maximum	18.0	Ton	0	\$0	\$0	\$16,508	\$16,508	917.13	0.21
.13281 120 8250	Demo shaft structures - Bulk Asbestos Removal, shingle roofing, built-up, no gravel, non-friable, incl. disp. tools & 4 suits & resp./day/worker	216.0	S.F.	6	\$644	\$27	\$0	\$671	3.11	0.01
.13281 120 8250	Bulk Asbestos Removal, shingle roofing, built-up, no gravel, non-friable, incl. disp. tools & 4 suits & resp./day/worker	57,000.0	S.F.	1,653	\$169,952	\$7,246	\$0	\$177,198	3.11	2.22
.13281 125 0300	Asbestos Abatement Work Area, separation barrier, 2" x 4" @ 16", 1/2" plywood each side, 8' high	3,090.0	S.F.	124	\$16,215	\$7,464	\$0	\$23,679	7.66	0.30
.13281 140 4100	Decontamination Containment Area Demolition & Cleanup, remove portable decontamination facility	1.0	Ea.	2	\$286	\$24	\$0	\$310	310.39	0.00
.13281 440 2820	Removal Of Existing Lead Paint, by chemicals, per application, doors, one side, two panel	500.0	S.F.	50	\$4,530	\$873	\$0	\$5,403	10.81	0.07
.13281 440 4800	Removal Of Existing Lead Paint, by chemicals, per application, siding	1,000.0	S.F.	89	\$8,050	\$1,593	\$0	\$9,643	9.64	0.12
.13281 460 0030	Lead Paint Encapsulation, water based polymer coating, interior, brushwork, trim, 14 mil DFT, 6"-12" wide	250.0	L.F.	11	\$1,009	\$1,090	\$0	\$2,099	8.40	0.03
<b>SUBTOTAL Special Construction</b>				<b>1,935</b>				<b>\$256,546</b>		<b>3.21</b>
<b>General Mechanical</b>				15						
.15055 300 3000	HVAC, mechanical equipment, light items; unit is weight, not cooling, demolition	3.0	Ton	53	\$5,092	\$0	\$0	\$5,092	1,697.26	0.06
.15055 300 3600	HVAC, mechanical equipment, heavy items; unit is weight, not cooling, demolition	6.0	Ton	87	\$8,395	\$0	\$0	\$8,395	1,399.09	0.11
.150556001300	General HVAC/Plumbing demo	79,500.0	SF	120	\$10,940	\$0	\$2,221	\$13,161	0.17	0.16
<b>SUBTOTAL General Mechanical</b>				<b>261</b>				<b>\$26,647</b>		<b>0.33</b>

**GENERAL CONTRACTOR ADJUSTMENTS**

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Cubic Footage: 1,995,000 Square Footage: 79,800

Project Number:

ver-01-05

**Assemblies**

CSI Number	Description	Quantity	Unit	Man Hour	Total Labor	Total Material	Total Equip. or Sub. Quote	Total	\$/Unit	\$/SF
<i>Plumbing</i>										
	15A									
.138382002100	Control Components, gauges, pressure or vacuum, 2" dia. dial	1.0	Ea.	0	\$31	\$12	\$0	\$43	42.94	0.00
.151076200580	Pipe, steel, black, threaded, 1" diameter, schedule 40, Spec. A-53, includes coupling and clevis type hanger sized for covering, 10' OC	680.0	L.F.	103	\$10,918	\$2,280	\$0	\$13,197	19.41	0.17
.151107005350	Valves, steel, forged, ball, threaded, 800 lb., 3/8"	14.0	Ea.	5	\$496	\$802	\$0	\$1,298	92.71	0.02
<b>SUBTOTAL Plumbing</b>				<b>108</b>				<b>\$14,538</b>		<b>0.18</b>
<i>HVAC</i>										
	15C									
.157309005310	Split ductless system, cooling / heating, ceiling mount, 3 ton cooling	3.0	Ea.	48	\$4,645	\$16,240	\$0	\$20,885	6,961.55	0.26
.157309007010	Split ductless system, accessories for all split ductless systems, for ambient frost control, add	3.0	Ea.	6	\$581	\$511	\$0	\$1,093	364.24	0.01
.157309007040	Split ductless system, accessories for all split ductless systems, for tube / wiring kit, 35' kit	3.0	Ea.	2	\$196	\$396	\$0	\$592	197.38	0.01
.158101000580	Ductwork, fabricated rectangular, galvanized steel, over 5000 lb., includes fittings, joints, supports and allowance for a flexible connection, excludes insulation	3,500.0	Lb.	294	\$28,980	\$1,614	\$0	\$30,593	8.74	0.38
.158203004680	Duct accessories, fire/smoke combination damper, louver type, 24" x 12", U.L. label	3.0	Ea.	2	\$196	\$692	\$0	\$888	295.87	0.01
.158301007260	Fans, roof exhauster, centrifugal, aluminum housing, bird screen, back draft damper, V belt drive, 1/4" S.P., 8525 CFM, 12" galvanized curb, 28" sq. damper	12.0	Ea.	80	\$7,789	\$24,727	\$0	\$32,516	2,709.66	0.41
.15850 600 3200	Louver, aluminum, extruded, with screen, mill finish, fixed blade, continuous line, stormproof	160.0	S.F.	46	\$4,826	\$6,817	\$0	\$11,643	72.77	0.15
.158505001260	Grille, aluminum, air return, 24" x 24"	6.0	Ea.	3	\$337	\$562	\$0	\$899	149.79	0.01
.159551001400	Balancing, air, heating and ventilating equipment, roof exhaust fan, (Subcontractor's quote including material & labor)	12.0	Ea.	0	\$0	\$0	\$3,688	\$3,688	307.34	0.05
.159551002800	Balancing, air conditioning equipment, rooftop heating and cooling unit, (Subcontractor's quote including material & labor)	3.0	Ea.	0	\$0	\$0	\$1,614	\$1,614	537.85	0.02
<b>SUBTOTAL HVAC</b>				<b>481</b>				<b>\$104,410</b>		<b>1.31</b>
<i>General Electrical</i>										
	16A									
.01590 400 0160	Rent aerial lift to 25'high 2000 lb cap scissor type	12.0	Week		\$0	\$0	\$3,286	\$3,286	273.81	0.04
.16055 300 1100	Safety switches, 250 or 600 V, 30 amp, remove, incl disconnection	17.0	Ea.	11	\$1,053	\$0	\$0	\$1,053	61.93	0.01
.16055 300 1120	Safety switches, 250 or 600 V, 60 amp, remove, incl disconnection	22.0	Ea.	20	\$1,943	\$0	\$0	\$1,943	88.30	0.02
.16055 300 1160	Safety switches, 250 or 600 V, 200 amp, remove, incl disconnection	1.0	Ea.	2	\$154	\$0	\$0	\$154	153.67	0.00

**GENERAL CONTRACTOR ADJUSTMENTS**

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Cubic Footage: 1,995,000 Square Footage: 79,800

Project Number:

ver-01-05

**Assemblies**

CSI Number	Description	Quantity	Unit	Man Hour	Total Labor	Total Material	Total Equip. or Sub. Quote	Total	\$/Unit	\$/SF	
<i>General Electrical</i>		16A									
.16055 300 1280	. Remove Panel	4.0	Ea.	33	\$3,211	\$0	\$0	\$3,211	802.76	0.04	
.16055 300 1400	. Remove Transformer	2.0	Ea.	11	\$1,028	\$0	\$0	\$1,028	513.77	0.01	
.16055 300 1540	. Remove Electrical Equipment Level One	6.0	Ea.	44	\$4,197	\$0	\$507	\$4,704	784.06	0.06	
.16055 300 1550	. Remove Electrical Equipment Level Two	24.0	Ea.	267	\$25,321	\$0	\$3,051	\$28,372	1,182.18	0.36	
.16055 300 1560	. Remove Electrical Equipment Level Three	11.0	Ea.	157	\$14,885	\$0	\$1,798	\$16,683	1,516.67	0.21	
.16055 300 1640	. Remove Devices	275.0	Ea.	71	\$6,812	\$0	\$0	\$6,812	24.77	0.09	
.16055 300 1850	. Roof Square Foot Electrical Demo	570.0	CSF	100	\$4,837	\$0	\$0	\$4,837	8.49	0.06	
.16055 300 1850	. Square Foot Electrical Demo	800.0	CSF	141	\$13,578	\$0	\$0	\$13,578	16.97	0.17	
.16055 300 2160	. Remove Light Fixtures	26.0	Ea.	21	\$1,998	\$0	\$0	\$1,998	76.84	0.03	
<b>SUBTOTAL <i>General Electrical</i></b>				<b>877</b>				<b>\$87,658</b>		<b>1.10</b>	
<i>Electrical - Power</i>		16B									
.16120 900 0100	. Wire, copper, stranded, 600 volt, #12, type THW, in raceway	186.0	C.L.F.	135	\$13,012	\$1,767	\$0	\$14,778	79.45	0.19	
.16120 900 0120	. Wire, copper, stranded, 600 volt, #10, type THW, in raceway	96.0	C.L.F.	77	\$7,376	\$1,375	\$0	\$8,751	91.15	0.11	
.16120 900 0140	. Wire, copper, stranded, 600 volt, #8, type THW, in raceway	0.4	C.L.F.	0	\$39	\$10	\$0	\$48	120.22	0.00	
.16120 900 0160	. Wire, copper, stranded, 600 volt, #6, type THW, in raceway	0.4	C.L.F.	0	\$47	\$15	\$0	\$62	155.84	0.00	
.16120 900 0240	. Wire, copper, stranded, 600 volt, #1, type THW, in raceway	1.6	C.L.F.	3	\$308	\$180	\$0	\$488	305.12	0.01	
.16120 900 0300	. Wire, copper, stranded, 600 volt, 3/0, type THW, in raceway	1.6	C.L.F.	5	\$492	\$329	\$0	\$820	512.70	0.01	
.16132 205 1870	. Rigid galvanized steel conduit, 2" diameter, to 15' H, incl 2 terminations, 2 elbows & 11 beam clamps per 100 LF	3,520.0	L.F.	627	\$60,147	\$39,094	\$0	\$99,241	28.19	1.24	
.16132 210 0220	. Electric metallic tubing, 3/4" diameter, to 15' high, incl couplings only	1,600.0	L.F.	51	\$4,881	\$1,363	\$0	\$6,244	3.90	0.08	
.16132 210 0640	. Rigid galvanized steel conduit, 4" diameter, to 15' high, incl couplings only	560.0	L.F.	140	\$14,771	\$14,492	\$0	\$29,263	52.26	0.37	

**GENERAL CONTRACTOR ADJUSTMENTS**

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**Assemblies**

CSI Number	Description	Quantity	Unit	Man Hour	Total Labor	Total Material	Total Equip. or Sub. Quote	Total	\$/Unit	\$/SF	
<b>Electrical - Power</b>		<b>16B</b>									
.16136 600 1460	Outlet boxes, cast, 2 gang, FS, 3/4" hub	16.0	Ea.	13	\$1,229	\$704	\$0	\$1,933	120.84	0.02	
.16140 910 2470	Duplex receptacle, grounded, 120 volt, 20 amp	13.0	Ea.	4	\$370	\$173	\$0	\$542	41.71	0.01	
.16140 910 2482	Duplex receptacle, ground fault interrupting, 20 amp	3.0	Ea.	1	\$85	\$172	\$0	\$257	85.72	0.00	
.16140 910 2800	Wall plate, stainless steel, 2 gang	13.0	Ea.	2	\$189	\$101	\$0	\$290	22.32	0.00	
.162701002600	Buck-boost transformer, 3 phase 240 V primary 208/120 V secondary, 75 kVA	1.0	Ea.	13	\$1,284	\$4,191	\$0	\$5,475	5,475.41	0.07	
.16410 800 9010	Disconnect switch, 3 pole fusible, 30 amp, to 10 HP motor, 600 volt	16.0	Ea.	40	\$3,853	\$6,549	\$0	\$10,402	650.15	0.13	
.16410 800 9070	Disconnect switch, 3 pole fusible, 100 amp, to 60 HP motor, 600 volt	1.0	Ea.	4	\$406	\$943	\$0	\$1,349	1,348.94	0.02	
.16440 720 2100	Panelboards, 3 phase 4 wire, main circuit breaker, 120/208 V, 100 amp, 30 circuits, NQOD, incl 20 A 1 pole plug-in breakers	1.0	Ea.	20	\$1,927	\$1,746	\$0	\$3,673	3,672.87	0.05	
.16440 720 2250	Panelboards, 3 phase 4 wire, main circuit breaker, 120/208 V, 225 amp, 42 circuits, NQOD, incl 20 A 1 pole plug-in breakers	1.0	Ea.	29	\$2,752	\$3,248	\$0	\$6,000	6,000.34	0.08	
.16440 820 0420	Circuit breaker, 3 pole, 480 V, 70 to 225 amp, KA frame, for feeder section	1.0	Ea.	3	\$241	\$1,572	\$0	\$1,812	1,812.45	0.02	
<b>SUBTOTAL Electrical - Power</b>					<b>1,167</b>			<b>\$191,432</b>		<b>2.40</b>	
<b>Electrical - Fixtures</b>		<b>16C</b>									
.16120 900 0100	Wire, copper, stranded, 600 volt, #12, type THW, in raceway	144.0	C.L.F.	105	\$10,073	\$1,368	\$0	\$11,441	79.45	0.14	
.16132 210 0500	Rigid galvanized steel conduit, 1/2" diameter, to 15' high, incl couplings only	4,800.0	L.F.	264	\$25,321	\$10,528	\$0	\$35,849	7.47	0.45	
.16136 600 0670	Outlet boxes, pressed steel, switchboxes, Romex or BX, with bracket	42.0	Ea.	12	\$1,195	\$290	\$0	\$1,485	35.36	0.02	
.16136 720 0700	Pull boxes & cabinets, enclosures fiberglass, small, screw cover, 7-1/2"H x 6"W x 5-3/16"D, NEMA 4X	5.0	Ea.	4	\$384	\$538	\$0	\$922	184.40	0.01	
.16140 500 3800	Flush switch, standard	10.0	Ea.	2	\$193	\$170	\$0	\$363	36.31	0.00	
.16140 910 2600	Wall plates, stainless steel, 1 gang	10.0	Ea.	1	\$96	\$34	\$0	\$130	13.03	0.00	
.16510 440 3100	Fluorescent fixture, interior, strip, pendent mounted, industrial, white porcelain enamel, R.S., 2-40 W, 4' L, incl lamps, mounting hardware and connections	15.0	Ea.	21	\$2,030	\$1,226	\$0	\$3,256	217.05	0.04	
.165104401900	Fluorescent fixture, interior, surface mounted, acryl lens, 4-40 W, 2' W x 8' L, incl lamps, mounting hardware and connections	15.0	Ea.	38	\$3,612	\$4,380	\$0	\$7,992	532.80	0.10	

**GENERAL CONTRACTOR ADJUSTMENTS**

Contingency: 0.00% Profit: 10.00% Overhead: 0.00% Bond: 0.00%

Cubic Footage: 1,995,000 Square Footage: 79,800

Project Number: ver-01-05

**Assemblies**

CSI Number	Description	Quantity	Unit	Man Hour	Total Labor	Total Material	Total Equip. or Sub. Quote	Total	\$/Unit	\$/SF
<i>Electrical - Fixtures</i>										
	16C									
.165104402000	Fluorescent fixture, interior, surface mounted, acryl lens, 2 ball 4-40 W, 2' W x 8' L, incl lamps, mounting hardware and connections	17.0	Ea.	44	\$4,250	\$5,700	\$0	\$9,950	585.28	0.12
.16520 300 1180	Relocate - Metal halide fixture, exterior, wall pack, 175 Watt, incl lamps	12.0	Ea.	24	\$2,312	\$168	\$0	\$2,480	206.63	0.03
.16520 300 2210	Remount Fixtrue - Floodlights, exterior, metal halide, 1500 watt, incl ballast and lamp, excl pole	12.0	Ea.	52	\$4,982	\$0	\$0	\$4,982	415.14	0.06
.16530 320 0240	Exit sign, L.E.D. w/ battery unit, single face, ceiling or wall mount	15.0	Ea.	27	\$2,615	\$2,976	\$0	\$5,590	372.69	0.07
.16530 320 0700	Emergency light units, nickel cadmium battery operated, twin sealed beam light, 25 W, 6 V each	26.0	Ea.	52	\$5,009	\$24,699	\$0	\$29,708	1,142.62	0.37
<b>SUBTOTAL <i>Electrical - Fixtures</i></b>				<b>646</b>				<b>\$114,148</b>		<b>1.43</b>
<b>SUBTOTAL</b>								<b>\$3,670,844</b>	46.00	
<b>SUBTOTAL</b>								<b>\$3,670,844</b>	46.00	
<b>ESTIMATE GRAND TOTAL</b>								<b>\$3,670,844</b>	46.00	