

FAC 1498 SECURITY SUPPORT BUILDING

FY24 SUC: \$4.93 / SF
Source: Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 1498 SECURITY SUPPORT BUILDING

SUC \$4.93

Release 2023 Qtr 4
Zip Code Prefix 222
Type MR

UM SF
Design Life 36
Average Size 371.584821

Adjusted Occurences are the occurrences remaining after subtracting Repair/Replacement Overlaps. Overlap reduction removes a repair when it occurs the same year as a replacement.

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Refinish 3'-0" x 7'-0" steel, painted, door	4	1.00 Ea.	\$46.05	\$56.40	9.0000	9	9	\$507.57	\$507.57
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	7.49 S.F.	\$34.62	\$41.14	7.2000	7	7	\$288.00	\$288.00
Minor metal roof panel replacement, 2.5% of roof area	20	9.36 S.F.	\$120.54	\$142.89	1.8000	1	1	\$142.89	\$142.89
Total metal roof panel replacement	30	3.74 Sq.	\$3,309.67	\$3,923.57	1.2000	1	1	\$3,923.57	\$3,923.57
Repair 5/8" drywall - (2% of walls)	20	14.10 S.F.	\$23.56	\$28.79	1.8000	1	1	\$28.79	\$28.79
Maintenance and repair infrared heater suspended, commercial	1	1.00 Ea.	\$44.37	\$55.58	36.0000	36	34	\$2,001.05	\$1,889.88
Maintenance and inspection infrared heater suspended, commercial	0.5	1.00 Ea.	\$82.32	\$103.13	72.0000	72	72	\$7,425.59	\$7,425.59
Replace infrared heater suspended, commercial	15	1.00 Ea.	\$513.84	\$607.20	2.4000	2	2	\$1,214.39	\$1,214.39
Repair air conditioner, window, 1 ton	8	1.00 Ea.	\$95.53	\$118.14	4.5000	4	4	\$472.57	\$472.57
Replace air conditioner, window, 1 ton	10	1.00 Ea.	\$2,753.28	\$3,148.78	3.6000	3	3	\$9,446.33	\$9,446.33
Maintenance and inspection lighting panel, indoor	3	1.00 Ea.	\$42.34	\$53.05	12.0000	12	12	\$636.61	\$636.61
Replace load center, 100 A	20	1.00 Ea.	\$1,181.03	\$1,440.53	1.8000	1	1	\$1,440.53	\$1,440.53
Replace fluorescent light fixture ballast, 80 W	10	4.00 Ea.	\$418.42	\$515.96	3.6000	3	3	\$1,547.89	\$1,547.89
Replace lamps (2 lamps), 4', 34 W energy saver	10	4.00 Ea.	\$105.94	\$132.68	3.6000	3	3	\$398.03	\$398.03
Repair smoke detector	10	2.00 Ea.	\$116.02	\$143.67	3.6000	3	2	\$431.00	\$287.33
Replace smoke detector	15	2.00 Ea.	\$605.10	\$722.44	2.4000	2	2	\$1,444.87	\$1,444.87
Replace lamp emergency lighting fixture	2	1.00 Ea.	\$54.49	\$65.86	18.0000	18	18	\$1,185.39	\$1,185.39
Replace emergency lighting fixture	20	1.00 Ea.	\$574.81	\$679.87	1.8000	1	1	\$679.87	\$679.87
Replace aluminum siding, 1st floor	35	7.07 C.S.F.	\$4,380.92	\$5,276.73	1.0286	1	1	\$5,276.73	\$5,276.73
Repair 3' x 4' aluminum window - 1st floor	20	4.00 Ea.	\$1,135.70	\$1,336.06	1.8000	1	1	\$1,336.06	\$1,336.06
Repair steel, painted, door	14	1.00 Ea.	\$702.33	\$834.19	2.5714	2	2	\$1,668.39	\$1,668.39
			\$16,340.89	\$19,426.66					
								MR Subtotal	\$41,241.29
								MR Per Year	\$1,145.59
								PM Total	\$685.14
								Subtotal	\$1,830.73
								Total Per Unit	\$4.93

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Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Light, emergency, hardwired system, annualized	4.00	1.00	\$35.92	\$63.10	\$0.00	\$99.02	\$121.54	\$145.86
Unit heater, gas radiant, annualized	1.00	1.01	\$1.03	\$54.06	\$0.00	\$55.10	\$71.42	\$87.79
Package unit, air cooled, 3 thru 24 ton, annualized	1.00	2.40	\$166.98	\$151.73	\$0.00	\$318.71	\$380.92	\$451.49
						\$472.82	\$573.88	\$685.14

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Modeled Component List

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B30 Roofing

Metal Steep Roofing	3.74 Sq.
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D30 HVAC

Infrared Heater Suspended, Commercial	1.0 Ea.
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Air Conditioner, Window, 1 Ton	1.0 Ea.
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D50 Electrical

Load Center, 100 A, maintenance & inspection	1.0 Ea.
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Load Center, 100 A, replacement	1.0 Ea.
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Smoke Detector	2.0 Ea.
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Emergency Lighting Fixture	1.0 Ea.
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B20 Exterior Enclosure

Aluminum Siding, 1st floor	7.07 C.S.F.
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Sustainment by Year
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