

FAC 1498 SECURITY SUPPORT BUILDING

FY22 SUC:	\$4.74 / SF
Source:	Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 1498 SECURITY SUPPORT BUILDING

SUC \$4.74

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM SF
Design Life 36
Average Size 365.0

Adjusted Occurrences 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.	\$41.40	\$50.87	9.0000	9	9	\$457.80	\$457.80
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	7.49 S.F.	\$26.16	\$31.39	7.2000	7	7	\$219.73	\$219.73
Minor metal roof panel replacement, 2.5% of roof area	20	9.36 S.F.	\$106.96	\$127.03	1.8000	1	1	\$127.03	\$127.03
Total metal roof panel replacement	30	3.74 Sq.	\$3,160.85	\$3,743.80	1.2000	1	1	\$3,743.80	\$3,743.80
Repair 5/8" drywall - (2% of walls)	20	14.10 S.F.	\$23.62	\$28.74	1.8000	1	1	\$28.74	\$28.74
Maintenance and repair infrared heater suspended, commercial	1	1.00 Ea.	\$42.12	\$52.78	36.0000	36	34	\$1,899.92	\$1,794.36
Maintenance and inspection infrared heater suspended, commercial	0.5	1.00 Ea.	\$78.85	\$98.78	72.0000	72	72	\$7,112.50	\$7,112.50
Replace infrared heater suspended, commercial	15	1.00 Ea.	\$456.43	\$540.88	2.4000	2	2	\$1,081.76	\$1,081.76
Repair air conditioner, window, 1 ton	8	1.00 Ea.	\$90.75	\$112.19	4.5000	4	4	\$448.77	\$448.77
Replace air conditioner, window, 1 ton	10	1.00 Ea.	\$2,267.45	\$2,595.63	3.6000	3	3	\$7,786.89	\$7,786.89
Maintenance and inspection lighting panel, indoor	3	1.00 Ea.	\$40.64	\$50.92	12.0000	12	12	\$611.06	\$611.06
Replace load center, 100 A	20	1.00 Ea.	\$1,094.16	\$1,336.88	1.8000	1	1	\$1,336.88	\$1,336.88
Replace fluorescent light fixture ballast, 80 W	10	4.00 Ea.	\$498.67	\$604.95	3.6000	3	3	\$1,814.85	\$1,814.85
Replace lamps (2 lamps), 4', 34 W energy saver	10	4.00 Ea.	\$100.86	\$126.32	3.6000	3	3	\$378.95	\$378.95
Repair smoke detector	10	2.00 Ea.	\$112.78	\$139.43	3.6000	3	2	\$418.28	\$278.86
Replace smoke detector	15	2.00 Ea.	\$568.47	\$678.92	2.4000	2	2	\$1,357.85	\$1,357.85
Replace lamp emergency lighting fixture	2	1.00 Ea.	\$54.69	\$65.88	18.0000	18	18	\$1,185.76	\$1,185.76
Replace emergency lighting fixture	20	1.00 Ea.	\$602.37	\$709.76	1.8000	1	1	\$709.76	\$709.76
Replace aluminum siding, 1st floor	35	7.07 C.S.F.	\$4,131.32	\$4,974.97	1.0286	1	1	\$4,974.97	\$4,974.97
Repair 3' x 4' aluminum window - 1st floor	20	4.00 Ea.	\$1,047.59	\$1,233.21	1.8000	1	1	\$1,233.21	\$1,233.21
Repair steel, painted, door	14	1.00 Ea.	\$625.07	\$744.01	2.5714	2	2	\$1,488.01	\$1,488.01
			\$15,171.23	\$18,047.33					
								MR Subtotal	\$38,171.53
								MR Per Year	\$1,060.32
								PM Total	\$668.36
								Subtotal	\$1,728.68
								Total Per Unit	\$4.74

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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	\$30.93	\$59.05	\$0.00	\$89.98	\$110.79	\$133.15
Unit heater, gas radiant, annualized	1.00	1.01	\$1.47	\$50.66	\$0.00	\$52.12	\$67.47	\$82.88
Package unit, air cooled, 3 thru 24 ton, annualized	1.00	2.40	\$176.92	\$144.48	\$0.00	\$321.41	\$382.45	\$452.33
						\$463.51	\$560.70	\$668.36

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Modeled Component List

CostWorks Release 2021 Qtr 3

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
CostWorks Release 2021 Qtr 3

