

FAC 7445 BOATHOUSE

FY24 SUC:	\$1.32 / SF
Source:	Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 7445 BOATHOUSE

Release 2023 Qtr 4
Zip Code Prefix 222
Type MR

UM SF
Design Life 31
Average Size 2951.60065

SUC \$1.32

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
Repair 12' x 24' aluminum double roll-up door	10	1.00 Ea.	\$2,080.76	\$2,421.67	3.1000	3	3	\$7,265.02	\$7,265.02
Refinish 12' x 24' aluminum double roll-up door	5	1.00 Ea.	\$461.60	\$562.97	6.2000	6	6	\$3,377.84	\$3,377.84
Replace 12' x 24' aluminum double roll-up door	35	1.00 Ea.	\$8,323.03	\$9,686.70	0.8857	0	0	\$0.00	\$0.00
Debris removal, by hand and visual inspection, metal panel roofing	1	3.10 M.S.F.	\$76.08	\$92.79	31.0000	31	31	\$2,876.55	\$2,876.55
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	42.00 S.F.	\$194.13	\$230.70	6.2000	6	6	\$1,384.23	\$1,384.23
Minor metal roof panel replacement, 2.5% of roof area	20	74.00 S.F.	\$952.97	\$1,129.70	1.5500	1	1	\$1,129.70	\$1,129.70
Total metal roof panel replacement	30	30.00 Sq.	\$26,548.14	\$31,472.46	1.0333	1	1	\$31,472.46	\$31,472.46
Replace metal halide ballast, 175 W	10	8.00 Ea.	\$1,335.10	\$1,598.12	3.1000	3	2	\$4,794.35	\$3,196.23
Replace metal halide fixture lamp, 175 W	5	8.00 Ea.	\$456.77	\$555.93	6.2000	6	6	\$3,335.59	\$3,335.59
Replace metal halide fixture, 175 W	20	8.00 Ea.	\$5,909.83	\$6,966.90	1.5500	1	1	\$6,966.90	\$6,966.90
Repair smoke detector	10	2.00 Ea.	\$116.02	\$143.67	3.1000	3	2	\$431.00	\$287.33
Check operation smoke detector	1	2.00 Ea.	\$34.00	\$42.60	31.0000	31	31	\$1,320.58	\$1,320.58
Replace smoke detector	15	2.00 Ea.	\$605.10	\$722.44	2.0667	2	2	\$1,444.87	\$1,444.87
Check and repair manual pull station	10	1.00 Ea.	\$89.88	\$110.75	3.1000	3	2	\$332.24	\$221.49
Replace manual pull station	15	1.00 Ea.	\$208.76	\$251.76	2.0667	2	2	\$503.53	\$503.53
Replace aluminum siding, 1st floor	35	35.80 C.S.F.	\$22,183.45	\$26,719.51	0.8857	0	0	\$0.00	\$0.00
Replace aluminum siding, 2nd floor	35	38.60 C.S.F.	\$29,331.17	\$35,533.92	0.8857	0	0	\$0.00	\$0.00
Repair steel, painted, door	14	1.00 Ea.	\$702.33	\$834.19	2.2143	2	2	\$1,668.39	\$1,668.39
Refinish 3'-0" x 7'-0" steel, painted, door	4	2.00 Ea.	\$92.11	\$112.79	7.7500	7	7	\$789.55	\$789.55
Replace 3'-0" x 7'-0" steel, painted, door	45	2.00 Ea.	\$1,834.22	\$2,123.85	0.6889	0	0	\$0.00	\$0.00
			\$101,535.46	\$121,313.43					
								MR Subtotal	\$67,240.25
								MR Per Year	\$2,169.04
								PM Total	\$1,726.24
								Subtotal	\$3,895.28
								Total Per Unit	\$1.32

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Design Life 31

Type PM

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Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Door, emergency egress, swinging, annualized	1.00	0.26	\$16.76	\$11.48	\$0.00	\$28.25	\$33.37	\$39.33
Door, overhead, electric, roll up, to 24' high x 25' wide, annualized	2.00	8.14	\$86.15	\$359.93	\$0.00	\$446.09	\$562.68	\$683.59
Security, intrusion alarm system, annualized	1.00	3.83	\$149.07	\$241.25	\$0.00	\$390.32	\$477.61	\$572.34
Crane, electric bridge, up to 5 ton, annualized	1.00	2.92	\$206.82	\$107.79	\$0.00	\$314.61	\$367.63	\$430.99
						\$1,179.27	\$1,441.29	\$1,726.24

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Modeled Component List
CostWorks Release 2023 Qtr 4

B20 Exterior Enclosure

Aluminum Double, Roll-Up	1.0 Ea.
Aluminum Siding, 1st floor	35.8 C.S.F.
Aluminum Siding, 2nd floor	38.6 C.S.F.
Steel, Painted	2.0 Ea.

B30 Roofing

Metal Steep Roofing	30.0 Sq.
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D50 Electrical

Metal Halide Fixture	8.0 Ea.
Smoke Detector	2.0 Ea.
Manual Pull Station	1.0 Ea.

E10 Equipment

Crane, Electric, up to 5 ton, annualized	1.0 Each
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Sustainment by Year
CostWorks Release 2023 Qtr 4

