

**FAC 4422 COVERED STORAGE SHED, INSTALLATION**

FY24 SUC: \$1.49 / SF  
Source: Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 4422 COVERED STORAGE SHED, INSTALLATION

SUC \$1.49

Release 2023 Qtr 4  
Zip Code Prefix 222  
Type MR

UM SF  
Design Life 36  
Average Size 2766.266682

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 12' aluminum single roll-up door	10	1.00 Ea.	\$1,040.38	\$1,210.84	3.6000	3	3	\$3,632.51	\$3,632.51
Replace 12' x 12' aluminum single roll-up door	35	1.00 Ea.	\$4,008.79	\$4,647.33	1.0286	1	1	\$4,647.33	\$4,647.33
Replace aluminum siding, 1st floor	35	30.00 C.S.F.	\$18,589.48	\$22,390.65	1.0286	1	1	\$22,390.65	\$22,390.65
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	24.00 S.F.	\$315.58	\$370.57	36.0000	36	36	\$13,340.59	\$13,340.59
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	3.00 Ea.	\$468.94	\$558.81	1.8000	1	1	\$558.81	\$558.81
Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	3.00 Ea.	\$2,032.62	\$2,385.91	0.7200	0	0	\$0.00	\$0.00
Repair steel, painted, door	14	1.00 Ea.	\$702.33	\$834.19	2.5714	2	2	\$1,668.39	\$1,668.39
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
Replace 3'-0" x 7'-0" steel, painted, door	45	1.00 Ea.	\$917.11	\$1,061.93	0.8000	0	0	\$0.00	\$0.00
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	79.73 S.F.	\$368.50	\$437.93	7.2000	7	7	\$3,065.54	\$3,065.54
Metal roof flashing replacement, 2 SF/sq repaired, metal panel roofing	1	1.40 S.F.	\$35.40	\$42.31	36.0000	36	36	\$1,523.01	\$1,523.01
Minor metal roof panel replacement, 2.5% of roof area	20	99.31 S.F.	\$1,278.89	\$1,516.06	1.8000	1	1	\$1,516.06	\$1,516.06
Total metal roof panel replacement	30	40.00 Sq.	\$35,397.52	\$41,963.28	1.2000	1	1	\$41,963.28	\$41,963.28
Repair steel painted interior door	14	1.00 Ea.	\$278.99	\$325.68	2.5714	2	2	\$651.36	\$651.36
Refinish 3'-0" x 7'-0" steel painted interior door	4	1.00 Ea.	\$57.65	\$70.88	9.0000	9	9	\$637.90	\$637.90
Replace 3'-0" x 7'-0" steel painted interior door	60	1.00 Ea.	\$1,279.55	\$1,483.92	0.6000	0	0	\$0.00	\$0.00
Check and repair manual pull station	10	1.00 Ea.	\$89.88	\$110.75	3.6000	3	2	\$332.24	\$221.49
Replace manual pull station	15	1.00 Ea.	\$208.76	\$251.76	2.4000	2	2	\$503.53	\$503.53
Repair smoke detector	10	4.00 Ea.	\$232.04	\$287.33	3.6000	3	2	\$861.99	\$574.66
Check operation smoke detector	1	4.00 Ea.	\$68.00	\$85.20	36.0000	36	36	\$3,067.15	\$3,067.15
Replace smoke detector	15	4.00 Ea.	\$1,210.21	\$1,444.87	2.4000	2	2	\$2,889.75	\$2,889.75
Replace metal halide ballast, 400 W	10	12.00 Ea.	\$2,302.75	\$2,749.69	3.6000	3	3	\$8,249.06	\$8,249.06
Replace metal halide fixture lamp, 400 W	5	11.19 Ea.	\$725.97	\$876.70	7.2000	7	7	\$6,136.91	\$6,136.91
Maintenance and repair of general wiring lightning protection system	1	1.00 M.L.F.	\$109.50	\$134.89	36.0000	36	36	\$4,855.92	\$4,855.92
Replace lightning protection general wiring system	25	1.00 M.L.F.	\$12,548.36	\$14,875.43	1.4400	1	1	\$14,875.43	\$14,875.43
Maintenance and repair lightning ground rod	1	1.00 Ea.	\$92.28	\$115.32	36.0000	36	35	\$4,151.58	\$4,036.25
Replace lightning ground rod	25	4.00 Ea.	\$982.42	\$1,214.69	1.4400	1	1	\$1,214.69	\$1,214.69
			\$85,387.97	\$101,503.31					
								MR Subtotal	\$142,727.83
								MR Per Year	\$3,964.66

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
								PM Total	\$151.58
								Subtotal	\$4,116.24
								Total Per Unit	\$1.49

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Design Life 36  
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	2.00	0.52	\$33.53	\$22.97	\$0.00	\$56.49	\$66.74	\$78.66
Light, emergency, hardwired system, annualized	2.00	0.50	\$17.96	\$31.55	\$0.00	\$49.51	\$60.77	\$72.93
						\$106.00	\$127.51	\$151.58



# **FAC 4422 COVERED STORAGE SHED, INSTALLATION**

## **Modeled Component List**

### **CostWorks Release 2023 Qtr 4**

#### **B20 Exterior Enclosure**

Aluminum Single, Roll-Up	1.0 Ea.
Aluminum Siding, 1st floor	30.0 C.S.F.
Aluminum Window, Fixed, 1st floor	3.0 Ea.
Steel, Painted	1.0 Ea.

#### **B30 Roofing**

Metal Steep Roofing	40.0 Sq.
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#### **C10 Interior Construction**

Steel Painted Interior Doors	1.0 Ea.
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#### **D50 Electrical**

Manual Pull Station	1.0 Ea.
Smoke Detector	4.0 Ea.
Lightning Protection System	1.0 M.L.F.
Lightning Ground Rod	4.0 Ea.

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Sustainment by Year  
CostWorks Release 2023 Qtr 4

