

**FAC 4412 COVERED STORAGE SHED, DEPOT**

FY22 SUC:	\$0.89 / SF
Source:	Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 4412 COVERED STORAGE SHED, DEPOT

SUC \$0.89

Release 2021 Qtr 3  
Zip Code Prefix 222  
Type MR

UM SF  
Design Life 36  
Average Size 10328.0

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	1.60 Ea.	\$66.24	\$81.39	9.0000	9	9	\$732.47	\$732.47
Replace 3'-0" x 7'-0" steel, painted, door	45	1.60 Ea.	\$1,128.10	\$1,311.57	0.8000	0	0	\$0.00	\$0.00
Repair 12' x 12' aluminum single roll-up door	10	0.80 Ea.	\$968.78	\$1,122.28	3.6000	3	3	\$3,366.83	\$3,366.83
Refinish 12' x 12' aluminum single roll-up door	5	0.80 Ea.	\$162.76	\$199.35	7.2000	7	7	\$1,395.46	\$1,395.46
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	167.00 S.F.	\$583.35	\$699.89	7.2000	7	7	\$4,899.24	\$4,899.24
Metal roof flashing replacement, 2 SF/sq repaired, metal panel roofing	1	7.00 S.F.	\$128.10	\$155.21	36.0000	36	36	\$5,587.46	\$5,587.46
Minor metal roof panel replacement, 2.5% of roof area	20	258.00 S.F.	\$2,948.32	\$3,501.60	1.8000	1	1	\$3,501.60	\$3,501.60
Total metal roof panel replacement	30	100.00 Sq.	\$84,514.66	\$100,101.62	1.2000	1	1	\$100,101.62	\$100,101.62
Inspect sprinkler system	1	1.00 Ea.	\$34.33	\$42.93	36.0000	36	36	\$1,545.43	\$1,545.43
Replace sprinkler head	20	22.00 Ea.	\$1,881.50	\$2,314.17	1.8000	1	1	\$2,314.17	\$2,314.17
Rebuild double check 4" backflow preventer sprinkler system	1	1.00 Ea.	\$757.07	\$909.70	36.0000	36	36	\$32,749.16	\$32,749.16
Replace metal halide ballast, 400 W	10	21.00 Ea.	\$3,694.99	\$4,418.44	3.6000	3	3	\$13,255.32	\$13,255.32
Replace metal halide fixture lamp, 400 W	5	21.00 Ea.	\$1,394.16	\$1,675.93	7.2000	7	7	\$11,731.53	\$11,731.53
Repair smoke detector	10	20.00 Ea.	\$1,127.75	\$1,394.28	3.6000	3	2	\$4,182.84	\$2,788.56
Check operation smoke detector	1	20.00 Ea.	\$323.88	\$405.78	36.0000	36	36	\$14,608.10	\$14,608.10
Replace smoke detector	15	20.00 Ea.	\$5,684.75	\$6,789.24	2.4000	2	2	\$13,578.48	\$13,578.48
Check and repair manual pull station	10	1.00 Ea.	\$87.70	\$107.83	3.6000	3	2	\$323.49	\$215.66
Replace manual pull station	15	1.00 Ea.	\$203.47	\$244.94	2.4000	2	2	\$489.88	\$489.88
Replace fire alarm bell, 6"	20	1.00 Ea.	\$194.96	\$235.28	1.8000	1	1	\$235.28	\$235.28
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	0.30 S.F.	\$3.62	\$4.25	36.0000	36	36	\$153.05	\$153.05
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	4.00 Ea.	\$578.95	\$690.44	1.8000	1	1	\$690.44	\$690.44
Repair steel, painted, door	14	1.60 Ea.	\$1,000.12	\$1,190.41	2.5714	2	2	\$2,380.82	\$2,380.82
			\$107,467.56	\$127,596.51					
								MR Subtotal	\$216,320.55
								MR Per Year	\$6,008.90
								PM Total	\$3,224.29
								Subtotal	\$9,233.19
								Total Per Unit	\$0.89

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Release 2021 Qtr 3UM SF

Zip Code Prefix 222Design Life 36

Type PMAverage Size 10328.0

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Backflow prevention device, up to 4", annualized	1.00	0.33	\$13.40	\$19.82	\$0.00	\$33.22	\$40.50	\$48.46
Extinguishing system, wet pipe, annualized	1.00	11.34	\$68.24	\$678.37	\$0.00	\$746.61	\$956.95	\$1,170.70
Fire alarm annunciator system, annualized	1.00	11.05	\$179.39	\$652.68	\$0.00	\$832.07	\$1,045.82	\$1,268.53
Light, emergency, hardwired system, annualized	20.00	5.00	\$154.65	\$295.26	\$0.00	\$449.91	\$553.95	\$665.73
Door, emergency egress, swinging, annualized	2.00	0.52	\$29.18	\$21.50	\$0.00	\$50.68	\$60.05	\$70.88
						\$2,112.50	\$2,657.27	\$3,224.29



# **FAC 4412 COVERED STORAGE SHED, DEPOT**

## **Modeled Component List**

### **CostWorks Release 2021 Qtr 3**

B20 Exterior Enclosure	
Steel, Painted	1.6 Ea.
B30 Roofing	
Metal Steep Roofing	100.0 Sq.
D40 Fire Protection	
Sprinkler System, Fire Suppression, sprinkler head	22.0 Ea.
D50 Electrical	
Smoke Detector	20.0 Ea.
Manual Pull Station	1.0 Ea.
Fire Alarm Bell	1.0 Ea.

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Sustainment by Year  
CostWorks Release 2021 Qtr 3

