

**FAC 4422 COVERED STORAGE SHED, INSTALLATION**

FY22 SUC:	\$1.33 / SF
Source:	Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

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.	\$1,210.98	\$1,402.84	3.6000	3	3	\$4,208.53	\$4,208.53
Replace 12' x 12' aluminum single roll-up door	35	1.00 Ea.	\$4,684.73	\$5,409.44	1.0286	1	1	\$5,409.44	\$5,409.44
Replace aluminum siding, 1st floor	35	29.23 C.S.F.	\$17,082.17	\$20,570.46	1.0286	1	1	\$20,570.46	\$20,570.46
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	24.00 S.F.	\$289.38	\$340.12	36.0000	36	36	\$12,244.27	\$12,244.27
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	3.00 Ea.	\$434.21	\$517.83	1.8000	1	1	\$517.83	\$517.83
Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	3.00 Ea.	\$1,464.39	\$1,735.57	0.7200	0	0	\$0.00	\$0.00
Repair steel, painted, door	14	1.00 Ea.	\$625.07	\$744.01	2.5714	2	2	\$1,488.01	\$1,488.01
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
Replace 3'-0" x 7'-0" steel, painted, door	45	1.00 Ea.	\$705.06	\$819.73	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.	\$278.49	\$334.13	7.2000	7	7	\$2,338.91	\$2,338.91
Metal roof flashing replacement, 2 SF/sq repaired, metal panel roofing	1	1.40 S.F.	\$25.60	\$31.01	36.0000	36	36	\$1,116.46	\$1,116.46
Minor metal roof panel replacement, 2.5% of roof area	20	99.31 S.F.	\$1,134.86	\$1,347.82	1.8000	1	1	\$1,347.82	\$1,347.82
Total metal roof panel replacement	30	39.64 Sq.	\$33,501.08	\$39,679.66	1.2000	1	1	\$39,679.66	\$39,679.66
Repair steel painted interior door	14	1.00 Ea.	\$293.45	\$341.56	2.5714	2	2	\$683.13	\$683.13
Refinish 3'-0" x 7'-0" steel painted interior door	4	1.00 Ea.	\$52.59	\$64.79	9.0000	9	9	\$583.08	\$583.08
Replace 3'-0" x 7'-0" steel painted interior door	60	1.00 Ea.	\$1,218.03	\$1,412.08	0.6000	0	0	\$0.00	\$0.00
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
Repair smoke detector	10	4.00 Ea.	\$225.55	\$278.86	3.6000	3	2	\$836.57	\$557.71
Check operation smoke detector	1	4.00 Ea.	\$64.78	\$81.16	36.0000	36	36	\$2,921.62	\$2,921.62
Replace smoke detector	15	4.00 Ea.	\$1,136.95	\$1,357.85	2.4000	2	2	\$2,715.70	\$2,715.70
Replace metal halide ballast, 400 W	10	11.19 Ea.	\$1,968.84	\$2,354.33	3.6000	3	3	\$7,062.98	\$7,062.98
Replace metal halide fixture lamp, 400 W	5	11.19 Ea.	\$742.87	\$893.01	7.2000	7	7	\$6,251.04	\$6,251.04
Maintenance and repair of general wiring lightning protection system	1	1.00 M.L.F.	\$96.72	\$119.83	36.0000	36	36	\$4,313.75	\$4,313.75
Replace lightning protection general wiring system	25	1.00 M.L.F.	\$11,009.12	\$13,095.99	1.4400	1	1	\$13,095.99	\$13,095.99
Maintenance and repair lightning ground rod	1	1.00 Ea.	\$87.89	\$109.79	36.0000	36	35	\$3,952.34	\$3,842.55
Replace lightning ground rod	25	4.00 Ea.	\$904.36	\$1,121.16	1.4400	1	1	\$1,121.16	\$1,121.16
			\$79,569.75	\$94,566.64					
								MR Subtotal	\$133,233.44
								MR Per Year	\$3,700.93

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	\$137.45
								Subtotal	\$3,838.38
								Total Per Unit	\$1.33

FAC 4422 COVERED STORAGE SHED, INSTALLATION

Release 2021 Qtr 3  
UM SF  
Zip Code Prefix 222  
Design Life 36  
Type PM  
Average Size 2879.93900000000003

SUC \$1.33

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	\$29.18	\$21.50	\$0.00	\$50.68	\$60.05	\$70.88
Light, emergency, hardwired system, annualized	2.00	0.50	\$15.46	\$29.53	\$0.00	\$44.99	\$55.40	\$66.57
						\$95.67	\$115.45	\$137.45



# FAC 4422 COVERED STORAGE SHED, INSTALLATION

## Modeled Component List CostWorks Release 2021 Qtr 3

### B20 Exterior Enclosure

Aluminum Single, Roll-Up	1.0 Ea.
Aluminum Siding, 1st floor	29.232989363768823 C.S.F.
Aluminum Window, Fixed, 1st floor	3.0 Ea.
Steel, Painted	1.0 Ea.

### B30 Roofing

Metal Steep Roofing	39.6393740942205 Sq.
---------------------	----------------------

### C10 Interior Construction

Steel Painted Interior Doors	1.0 Ea.
------------------------------	---------

### 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.

FAC 4422 COVERED STORAGE SHED, INSTALLATION  
Sustainment by Year  
CostWorks Release 2021 Qtr 3

