

FAC 1422 HELIUM STORAGE FACILITY

FY22 SUC:	\$1,261.37 / EA
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
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	40.00 S.F.	\$139.72	\$167.64	9.0000	9	9	\$1,508.75	\$1,508.75
Minor metal roof panel replacement, 2.5% of roof area	20	50.00 S.F.	\$571.38	\$678.60	2.2500	2	2	\$1,357.21	\$1,357.21
Total metal roof panel replacement	30	20.00 Sq.	\$16,902.93	\$20,020.32	1.5000	1	1	\$20,020.32	\$20,020.32
Maintenance and inspection lighting panel, indoor	3	1.00 Ea.	\$40.64	\$50.92	15.0000	15	15	\$763.82	\$763.82
Replace metal halide ballast, 175 W	10	8.00 Ea.	\$1,187.88	\$1,426.41	4.5000	4	4	\$5,705.63	\$5,705.63
Replace metal halide fixture lamp, 175 W	5	8.00 Ea.	\$399.90	\$489.23	9.0000	9	9	\$4,403.06	\$4,403.06
Repair smoke detector	10	4.00 Ea.	\$225.55	\$278.86	4.5000	4	3	\$1,115.43	\$836.57
Check operation smoke detector	1	4.00 Ea.	\$64.78	\$81.16	45.0000	45	45	\$3,652.02	\$3,652.02
Replace smoke detector	15	4.00 Ea.	\$1,136.95	\$1,357.85	3.0000	3	3	\$4,073.54	\$4,073.54
Check and repair manual pull station	10	1.00 Ea.	\$87.70	\$107.83	4.5000	4	3	\$431.32	\$323.49
Replace manual pull station	15	1.00 Ea.	\$203.47	\$244.94	3.0000	3	3	\$734.82	\$734.82
			\$20,960.90	\$24,903.76					
								MR Subtotal	\$43,379.25
								MR Per Year	\$963.98
								PM Total	\$297.39
								Subtotal	\$1,261.37
								Total Per Unit	\$1,261.37

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SUC \$1,261.37

Release 2021 Qtr 3

UM EA

Zip Code Prefix 222

Design Life 45

Type PM

Average Size 1.0

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Manual swing gate, annualized	2.00	3.46	\$22.49	\$168.30	\$0.00	\$190.79	\$243.53	\$297.39
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Modeled Component List

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B30 Roofing

Metal Steep Roofing	20.0 Sq.
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D50 Electrical

Load Center, 100 A, maintenance & inspection	1.0 Ea.
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Smoke Detector	4.0 Ea.
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Manual Pull Station	1.0 Ea.
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G20 Site Improvements

Gate, Manual swing, annualized	2.0 Each
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Sustainment by Year
CostWorks Release 2021 Qtr 3

