

FAC 1422 HELIUM STORAGE FACILITY

FY24 SUC:	\$1,352.36 / EA
Source:	Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 1422 HELIUM STORAGE FACILITY

Release 2023 Qtr 4
Zip Code Prefix 222
Type MR

UM EA
Design Life 45
Average Size 1.0

SUC \$1,352.36

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	
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	40.00 S.F.	\$184.88	\$219.72	9.0000	9	9	\$1,977.47	\$1,977.47	
Minor metal roof panel replacement, 2.5% of roof area	20	50.00 S.F.	\$643.90	\$763.31	2.2500	2	2	\$1,526.62	\$1,526.62	
Total metal roof panel replacement	30	20.00 Sq.	\$17,698.76	\$20,981.64	1.5000	1	1	\$20,981.64	\$20,981.64	
Maintenance and inspection lighting panel, indoor	3	1.00 Ea.	\$42.34	\$53.05	15.0000	15	15	\$795.77	\$795.77	
Replace metal halide ballast, 175 W	10	8.00 Ea.	\$1,335.10	\$1,598.12	4.5000	4	4	\$6,392.46	\$6,392.46	
Replace metal halide fixture lamp, 175 W	5	8.00 Ea.	\$456.77	\$555.93	9.0000	9	9	\$5,003.39	\$5,003.39	
Repair smoke detector	10	4.00 Ea.	\$232.04	\$287.33	4.5000	4	3	\$1,149.32	\$861.99	
Check operation smoke detector	1	4.00 Ea.	\$68.00	\$85.20	45.0000	45	45	\$3,833.93	\$3,833.93	
Replace smoke detector	15	4.00 Ea.	\$1,210.21	\$1,444.87	3.0000	3	3	\$4,334.62	\$4,334.62	
Check and repair manual pull station	10	1.00 Ea.	\$89.88	\$110.75	4.5000	4	3	\$442.99	\$332.24	
Replace manual pull station	15	1.00 Ea.	\$208.76	\$251.76	3.0000	3	3	\$755.29	\$755.29	
			\$22,170.65	\$26,351.68				MR Subtotal	\$46,795.42	
									MR Per Year	\$1,039.90
									PM Total	\$312.46
									Subtotal	\$1,352.36
									Total Per Unit	\$1,352.36

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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	\$20.67	\$179.14	\$0.00	\$199.81	\$255.61	\$312.46
						\$199.81	\$255.61	\$312.46

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Modeled Component List
CostWorks Release 2023 Qtr 4

B30 Roofing		
Metal Steep Roofing		20.0 Sq.
D50 Electrical		
Load Center, 100 A, maintenance & inspection		1.0 Ea.
Smoke Detector		4.0 Ea.
Manual Pull Station		1.0 Ea.
G20 Site Improvements		
Gate, Manual swing, annualized		2.0 Each

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Sustainment by Year
CostWorks Release 2023 Qtr 4

