

**FAC 2124 MISSILE TEST TOWER**

FY24 SUC: \$6,856.12 / EA  
Source: Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 2124 MISSILE TEST TOWER

Release 2023 Qtr 4  
Zip Code Prefix 222  
Type MR

UM EA  
Design Life 30  
Average Size 1.0

SUC \$6,856.12

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 repairs to concrete floor unfinished	15	300.00 S.F.	\$11,440.15	\$13,961.07	2.0000	2	2	\$27,922.15	\$27,922.15
Replace unfinished concrete floor	75	4.00 C.S.F.	\$2,300.79	\$2,737.63	0.4000	0	0	\$0.00	\$0.00
Replace fuse	25	22.00 Ea.	\$10,051.69	\$11,542.71	1.2000	1	1	\$11,542.71	\$11,542.71
Replace service cable	50	1.50 M.L.F.	\$5,938.64	\$7,180.64	0.6000	0	0	\$0.00	\$0.00
Maintenance and repair breaker, molded case, 480 V, 1 pole	20	12.00 Ea.	\$910.08	\$1,140.20	1.5000	1	1	\$1,140.20	\$1,140.20
Repair failed breaker, molded case, 600 V, 3 pole	10	12.00 Ea.	\$4,362.91	\$5,207.87	3.0000	3	3	\$15,623.61	\$15,623.61
Maintenance and repair safety switch, 3 pole safety switch, heavy duty	8	16.00 Ea.	\$677.51	\$848.82	3.7500	3	3	\$2,546.45	\$2,546.45
Maintenance and repair wiring devices, switches	10	25.00 Ea.	\$1,101.08	\$1,374.55	3.0000	3	3	\$4,123.64	\$4,123.64
Replace wiring devices, switches	15	2.00 Ea.	\$133.36	\$166.01	2.0000	2	2	\$332.03	\$332.03
Maintenance and repair electrical service ground	25	2.00 M.L.F.	\$184.57	\$230.64	1.2000	1	1	\$230.64	\$230.64
Replace EMT conduit, 1" diameter	50	0.20 M.L.F.	\$2,251.75	\$2,712.34	0.6000	0	0	\$0.00	\$0.00
Replace lamp with exit light L.E.D. retrofit kits	15	2.00 Ea.	\$218.13	\$250.96	2.0000	2	2	\$501.92	\$501.92
Maintenance and inspection patch panel	0.5	2.00 Ea.	\$182.02	\$228.04	60.0000	60	60	\$13,682.44	\$13,682.44
Replace patch panel	15	2.00 Ea.	\$1,772.80	\$2,133.61	2.0000	2	2	\$4,267.22	\$4,267.22
Maintenance and repair voice/data outlet	10	6.00 Ea.	\$325.94	\$407.05	3.0000	3	3	\$1,221.15	\$1,221.15
Replace motor generator UPS battery	15	1.00 Ea.	\$1,066.21	\$1,264.47	2.0000	2	2	\$2,528.94	\$2,528.94
Maintenance and repair lightning ground rod	1	2.00 Ea.	\$184.57	\$230.64	30.0000	30	29	\$6,919.29	\$6,688.65
Replace lightning ground rod	25	2.00 Ea.	\$491.21	\$607.34	1.2000	1	1	\$607.34	\$607.34
			\$43,593.39	\$52,224.60				MR Subtotal	\$92,959.10
								MR Per Year	\$3,098.64
								PM Total	\$3,757.48
								Subtotal	\$6,856.12
								Total Per Unit	\$6,856.12

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UM EA

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Design Life 30

Type PM

Average Size 1.0

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Controls, central system, electro/pneumatic, annualized	1.00	1.92	\$169.00	\$121.21	\$0.00	\$290.21	\$343.47	\$405.19
Extinguishing system, foam pump diesel, annualized	1.00	22.16	\$875.38	\$1,177.20	\$0.00	\$2,052.58	\$2,493.28	\$2,977.74
Circuit breaker, high voltage air, annually	1.00	0.47	\$13.83	\$32.48	\$0.00	\$46.31	\$57.43	\$69.25
Transformer, dry type 500 KVA and over, annually	1.00	0.77	\$13.83	\$53.61	\$0.00	\$67.44	\$84.91	\$103.07
Light, emergency, hardwired system, annualized	1.00	0.25	\$8.98	\$15.77	\$0.00	\$24.75	\$30.38	\$36.46
Cathodic protection system, annualized	1.00	1.46	\$26.08	\$83.23	\$0.00	\$109.31	\$136.89	\$165.77
						\$2,590.60	\$3,146.36	\$3,757.48



**FAC 2124 MISSILE TEST TOWER**  
**Modeled Component List**  
**CostWorks Release 2023 Qtr 4**

D50 Electrical	
Cable, Service	1.5 M.L.F.
UPS Battery, replace motor	1.0 Ea.
Lightning Ground Rod	2.0 Ea.
G40 Site Electrical Utilities	
Cathodic Protection, annualized	1.0 Each

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Sustainment by Year  
CostWorks Release 2023 Qtr 4

