

FAC 1411 AIRFIELD FIRE AND RESCUE STATION

FY24 SUC: \$4.14 / SF
Source: Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 1411 AIRFIELD FIRE AND RESCUE STATION

SUC \$4.14

Release 2023 Qtr 4
Zip Code Prefix 222
Type MR

UM SF
Design Life 45
Average Size 10831.594351

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
Repair 5/8" drywall - (2% of walls)	20	513.68 S.F.	\$858.32	\$1,048.93	2.2500	2	2	\$2,097.86	\$2,097.86
Replace refrigerant drinking fountain	2	1.00 Ea.	\$35.41	\$41.43	22.5000	22	22	\$911.45	\$911.45
Replace smoke detector	15	15.00 Ea.	\$4,538.29	\$5,418.28	3.0000	3	3	\$16,254.83	\$16,254.83
Check and repair manual pull station	10	5.00 Ea.	\$449.42	\$553.73	4.5000	4	3	\$2,214.94	\$1,661.20
Replace manual pull station	15	5.00 Ea.	\$1,043.79	\$1,258.81	3.0000	3	3	\$3,776.44	\$3,776.44
Minor repairs to fire alarm control panel	5	2.00 Ea.	\$298.83	\$365.19	9.0000	9	9	\$3,286.72	\$3,286.72
Maintenance and inspection fire alarm control panel	0.5	2.00 Ea.	\$91.01	\$114.02	90.0000	90	90	\$10,261.83	\$10,261.83
Replace fire alarm control panel	15	2.00 Ea.	\$4,392.24	\$5,350.95	3.0000	3	3	\$16,052.85	\$16,052.85
Minor repairs to annunciation panel	5	1.00 Ea.	\$149.42	\$182.60	9.0000	9	9	\$1,643.36	\$1,643.36
Replace fire alarm bell, 6"	20	6.00 Ea.	\$1,083.64	\$1,318.63	2.2500	2	2	\$2,637.26	\$2,637.26
Remove and replace 50 HP pump motor	25	1.00 Ea.	\$9,015.62	\$10,299.87	1.8000	1	1	\$10,299.87	\$10,299.87
Remove and replace fire hydrant	25	1.00 Ea.	\$8,800.49	\$10,153.68	1.8000	1	1	\$10,153.68	\$10,153.68
Repair drain leak drinking fountain	4	1.00 Ea.	\$29.10	\$35.19	11.2500	11	9	\$387.08	\$316.70
Replace fountain drinking fountain	10	1.00 Ea.	\$1,620.81	\$1,904.30	4.5000	4	4	\$7,617.20	\$7,617.20
Resolder joint pipe & fittings, copper	10	2.00 Ea.	\$100.27	\$123.69	4.5000	4	4	\$494.76	\$494.76
Replace pipe and fittings, copper 3/4"	20	16.00 L.F.	\$399.95	\$484.74	2.2500	2	2	\$969.47	\$969.47
Replace pipe and fittings, copper 2"	25	16.00 L.F.	\$838.84	\$1,008.95	1.8000	1	1	\$1,008.95	\$1,008.95
Remove old insulation & replace with new, pipe 3/4", wall 1"	15	16.00 L.F.	\$157.93	\$193.51	3.0000	3	3	\$580.53	\$580.53
Overhaul water heater, gas / oil, 70 gallon	5	1.00 Ea.	\$172.87	\$216.40	9.0000	9	9	\$1,947.58	\$1,947.58
Clean & service water heater, gas / oil, 70 gallon	1	1.00 Ea.	\$206.10	\$258.00	45.0000	45	45	\$11,610.02	\$11,610.02
Replace water heater, gas / oil, 70 gallon	12	1.00 Ea.	\$3,214.32	\$3,737.78	3.7500	3	3	\$11,213.35	\$11,213.35
Inspect / check pump / motor operation, lubricate circulation pump, 1/12 HP	0.5	1.00 Ea.	\$8.44	\$10.56	90.0000	90	90	\$950.57	\$950.57
Replace pump / motor assembly circulation pump, 1/12 HP	10	1.00 Ea.	\$1,218.91	\$1,426.89	4.5000	4	4	\$5,707.58	\$5,707.58
Unclog main drain pipe & fittings, cast iron	10	1.00 Ea.	\$48.84	\$61.14	4.5000	4	4	\$244.56	\$244.56
Replace pipe & fittings, cast iron, 4"	40	16.00 L.F.	\$925.95	\$1,125.10	1.1250	1	1	\$1,125.10	\$1,125.10
Unclog floor drain, PVC	20	1.00 Ea.	\$50.45	\$63.16	2.2500	2	2	\$126.31	\$126.31
Repair joint pipe and fittings, PVC	10	1.00 Ea.	\$168.16	\$208.23	4.5000	4	4	\$832.91	\$832.91
Replace pipe, 4" pipe and fittings, PVC	30	16.00 L.F.	\$1,327.08	\$1,638.04	1.5000	1	1	\$1,638.04	\$1,638.04
General maintenance & repair drain: roof, scupper, area	1	1.00 Ea.	\$39.18	\$49.05	45.0000	45	45	\$2,207.11	\$2,207.11
Replace drain: roof, scupper, area	40	1.00 Ea.	\$1,130.37	\$1,303.85	1.1250	1	1	\$1,303.85	\$1,303.85
Install new 4" gasket, 1 per M.L.F. natural gas, steel/iron	30	1.00 Ea.	\$226.30	\$280.46	1.5000	1	1	\$280.46	\$280.46

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Replace 10' of buried 4" diam steel pipe/M.L.F. natural gas	12	1.00 Ea.	\$917.35	\$1,119.74	3.7500	3	3	\$3,359.22	\$3,359.22
Repair fan coil unit, 1 ton	10	2.00 Ea.	\$902.16	\$1,079.23	4.5000	4	3	\$4,316.90	\$3,237.68
Replace fan coil unit, 1 ton	15	2.00 Ea.	\$2,687.02	\$3,137.46	3.0000	3	3	\$9,412.39	\$9,412.39
Replace fan & motor, propeller exhaust, 4700 CFM exhaust fan	15	1.00 Ea.	\$2,240.66	\$2,607.59	3.0000	3	3	\$7,822.76	\$7,822.76
Repair single zone rooftop unit, 25 ton	10	1.00 Ea.	\$54,305.81	\$62,518.61	4.5000	4	3	\$250,074.42	\$187,555.82
Replace single zone rooftop unit, 25 ton	15	1.00 Ea.	\$52,455.46	\$60,922.27	3.0000	3	3	\$182,766.81	\$182,766.81
Inspect sprinkler system	1	1.00 Ea.	\$36.17	\$45.28	45.0000	45	45	\$2,037.80	\$2,037.80
Replace sprinkler head	20	53.00 Ea.	\$4,645.34	\$5,732.05	2.2500	2	2	\$11,464.10	\$11,464.10
Rebuild double check 3" backflow preventer sprinkler system	1	1.00 Ea.	\$748.17	\$896.73	45.0000	45	45	\$40,352.80	\$40,352.80
Replace fire pump / electric motor assembly 100 H.P.	25	1.00 Ea.	\$48,011.97	\$55,351.32	1.8000	1	1	\$55,351.32	\$55,351.32
Maintenance and inspection lighting panel, indoor	3	3.00 Ea.	\$127.03	\$159.15	15.0000	15	15	\$2,387.30	\$2,387.30
Repair failed breaker, molded case, 600 V, 3 pole	10	2.00 Ea.	\$727.15	\$867.98	4.5000	4	4	\$3,471.91	\$3,471.91
Maintenance and inspection circuit breaker, molded case, 600 V, 3 pole	0.33	2.00 Ea.	\$68.26	\$85.52	136.3636	136	136	\$11,630.08	\$11,630.08
Maintenance and repair receptacles and plugs	20	97.00 Ea.	\$4,272.19	\$5,333.24	2.2500	2	2	\$10,666.48	\$10,666.48
Replace receptacle/plug receptacles and plugs	20	97.00 Ea.	\$7,258.57	\$8,949.94	2.2500	2	2	\$17,899.89	\$17,899.89
Maintenance and repair wiring devices, switches	10	47.00 Ea.	\$2,070.03	\$2,584.15	4.5000	4	4	\$10,336.59	\$10,336.59
Replace wiring devices, switches	15	47.00 Ea.	\$3,134.02	\$3,901.32	3.0000	3	3	\$11,703.96	\$11,703.96
Replace fluorescent light fixture ballast, 80 W	10	57.00 Ea.	\$5,962.55	\$7,352.48	4.5000	4	4	\$29,409.90	\$29,409.90
Replace lamps (2 lamps), 4', 34 W energy saver	10	57.00 Ea.	\$1,509.68	\$1,890.63	4.5000	4	4	\$7,562.52	\$7,562.52
Inspect intercom master station	0.5	1.00 Ea.	\$182.02	\$228.04	90.0000	90	90	\$20,523.66	\$20,523.66
Replace intercom master station	15	1.00 Ea.	\$2,959.51	\$3,457.56	3.0000	3	3	\$10,372.69	\$10,372.69
Repair smoke detector	10	15.00 Ea.	\$870.15	\$1,077.49	4.5000	4	3	\$4,309.95	\$3,232.47
Check operation smoke detector	1	15.00 Ea.	\$255.01	\$319.49	45.0000	45	45	\$14,377.25	\$14,377.25
Refinish drywall	4	56.00 S.F.	\$37.95	\$46.62	11.2500	11	11	\$512.81	\$512.81
Refinish concrete floor finished	25	62.00 C.S.F.	\$25,827.79	\$31,162.35	1.8000	1	1	\$31,162.35	\$31,162.35
Replace vinyl tile flooring	18	90.00 S.Y.	\$4,598.03	\$5,658.45	2.5000	2	2	\$11,316.90	\$11,316.90
Ceramic tile floor repairs - (2% of floors)	15	5.20 C.S.F.	\$3,504.90	\$4,370.33	3.0000	3	3	\$13,110.99	\$13,110.99
Terrazzo floor repairs - (2% of floors)	15	8.84 S.F.	\$151.17	\$181.20	3.0000	3	3	\$543.60	\$543.60
Replace terrazzo floor	75	4.42 C.S.F.	\$7,240.29	\$8,652.34	0.6000	0	0	\$0.00	\$0.00
Replace carpet	8	156.00 S.Y.	\$8,423.46	\$9,741.03	5.6250	5	5	\$48,705.13	\$48,705.13
Repair gypsum board ceiling - (2% of ceilings)	20	0.71 C.S.F.	\$273.95	\$336.40	2.2500	2	2	\$672.80	\$672.80
Refinish gypsum board ceiling, up to 12' high	20	35.67 C.S.F.	\$5,176.08	\$6,368.08	2.2500	2	1	\$12,736.17	\$6,368.08
Replace gypsum board ceiling, up to 12' high	40	35.67 C.S.F.	\$14,057.85	\$17,267.44	1.1250	1	1	\$17,267.44	\$17,267.44
Replace acoustic tile ceiling, fire-rated	20	29.78 C.S.F.	\$15,513.23	\$18,335.47	2.2500	2	2	\$36,670.93	\$36,670.93
Replace flush valve diaphragm tankless water closet	10	9.00 Ea.	\$245.38	\$304.70	4.5000	4	4	\$1,218.82	\$1,218.82

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Rebuild flush valve tankless water closet	20	9.00 Ea.	\$1,726.93	\$2,081.42	2.2500	2	2	\$4,162.84	\$4,162.84
Replace tankless water closet	35	9.00 Ea.	\$12,748.99	\$14,744.89	1.2857	1	1	\$14,744.89	\$14,744.89
Replace tankless flush valve	25	9.00 Ea.	\$2,432.18	\$2,854.96	1.8000	1	1	\$2,854.96	\$2,854.96
Replace wax ring gasket for tankless water closet	5	9.00 Ea.	\$1,342.48	\$1,678.98	9.0000	9	9	\$15,110.83	\$15,110.83
Replace flush valve diaphragm for a urinal	7	4.00 Ea.	\$109.06	\$135.42	6.4286	6	6	\$812.55	\$812.55
Rebuild flush valve for a urinal	20	4.00 Ea.	\$767.52	\$925.08	2.2500	2	2	\$1,850.15	\$1,850.15
Unplug line urinal	5	4.00 Ea.	\$610.57	\$764.33	9.0000	9	9	\$6,878.94	\$6,878.94
Replace wall-hung urinal	35	4.00 Ea.	\$4,350.08	\$5,232.19	1.2857	1	1	\$5,232.19	\$5,232.19
Replace washer in spud connection lavatory, vitreous china	7	9.00 Ea.	\$155.89	\$190.27	6.4286	6	6	\$1,141.60	\$1,141.60
Replace washer in faucet lavatory, vitreous china	2	9.00 Ea.	\$122.11	\$152.25	22.5000	22	22	\$3,349.61	\$3,349.61
Replace faucets lavatory, vitreous china	10	9.00 Ea.	\$1,759.25	\$2,116.09	4.5000	4	4	\$8,464.37	\$8,464.37
Clean out strainer and P trap lavatory, vitreous china	2	9.00 Ea.	\$331.37	\$414.82	22.5000	22	22	\$9,125.96	\$9,125.96
Replace lavatory, vitreous china	35	9.00 Ea.	\$6,468.50	\$7,770.65	1.2857	1	1	\$7,770.65	\$7,770.65
Replace faucet washer sink, iron enamel	2	1.00 Ea.	\$13.45	\$16.77	22.5000	22	22	\$368.93	\$368.93
Clean trap sink, iron enamel	3	1.00 Ea.	\$9.01	\$11.27	15.0000	15	15	\$169.11	\$169.11
Replace faucets sink, iron enamel	10	1.00 Ea.	\$195.47	\$235.12	4.5000	4	4	\$940.49	\$940.49
Unstop sink, iron enamel	2	1.00 Ea.	\$44.01	\$55.09	22.5000	22	22	\$1,212.06	\$1,212.06
Replace sink, P.E.C.I. sink, iron enamel kitchen	10	1.00 Ea.	\$1,208.43	\$1,409.28	4.5000	4	4	\$5,637.10	\$5,637.10
Inspect / clean shower head fiberglass	3	4.00 Ea.	\$206.14	\$258.05	15.0000	15	15	\$3,870.81	\$3,870.81
Replace mixing valve barrel shower, fiberglass	2	4.00 Ea.	\$1,192.90	\$1,403.33	22.5000	22	22	\$30,873.22	\$30,873.22
Replace mixing valve shower, fiberglass	10	4.00 Ea.	\$1,173.57	\$1,427.72	4.5000	4	4	\$5,710.89	\$5,710.89
Replace shower and fittings, fiberglass	20	4.00 Ea.	\$4,396.32	\$5,241.23	2.2500	2	2	\$10,482.46	\$10,482.46
Check / minor repairs drinking fountain	1	1.00 Ea.	\$51.52	\$64.50	45.0000	45	45	\$2,902.50	\$2,902.50
Repair internal leaks drinking fountain	4	1.00 Ea.	\$47.77	\$59.80	11.2500	11	11	\$657.77	\$657.77
Correct water pressure drinking fountain	2	1.00 Ea.	\$44.01	\$55.09	22.5000	22	22	\$1,212.06	\$1,212.06
Repair clay brick wall, 1st floor	25	750.00 S.F.	\$33,936.85	\$41,713.83	1.8000	1	1	\$41,713.83	\$41,713.83
Replace clay brick wall, 2nd floor	75	7.50 C.S.F.	\$17,831.20	\$21,728.35	0.6000	0	0	\$0.00	\$0.00
Replace glass - 1st floor. (1% of glass) - alum. window	1	1.44 S.F.	\$18.93	\$22.23	45.0000	45	45	\$1,000.54	\$1,000.54
Repair 3' x 4' aluminum window - 1st floor	20	12.00 Ea.	\$3,407.09	\$4,008.18	2.2500	2	2	\$8,016.37	\$8,016.37
Replace glass - 2nd floor. (1% of glass) - alum. window	1	2.76 S.F.	\$50.11	\$59.79	45.0000	45	45	\$2,690.47	\$2,690.47
Repair 3' x 4' aluminum window - 2nd floor	20	23.00 Ea.	\$7,682.11	\$9,113.38	2.2500	2	2	\$18,226.77	\$18,226.77
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	3.48 S.F.	\$45.76	\$53.73	45.0000	45	45	\$2,417.98	\$2,417.98
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	27.00 Ea.	\$4,220.46	\$5,029.33	2.2500	2	2	\$10,058.66	\$10,058.66
Repair 2'-0" x 3'-0" aluminum window - 2nd floor	20	27.00 Ea.	\$5,572.63	\$6,709.24	2.2500	2	2	\$13,418.48	\$13,418.48

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost	
Repair aluminum storefront door	12	1.00 Ea.	\$510.23	\$609.68	3.7500	3	3	\$1,829.05	\$1,829.05	
Replace insulating glass - (3% of glass) aluminum storefront door	1	0.63 S.F.	\$35.02	\$40.95	45.0000	45	45	\$1,842.85	\$1,842.85	
Repair steel, painted, door	14	4.00 Ea.	\$2,809.34	\$3,336.77	3.2143	3	3	\$10,010.31	\$10,010.31	
Refinish 3'-0" x 7'-0" steel, painted, door	4	4.00 Ea.	\$184.22	\$225.58	11.2500	11	11	\$2,481.43	\$2,481.43	
Replace 3'-0" x 7'-0" steel, painted, door	45	4.00 Ea.	\$3,668.44	\$4,247.70	1.0000	1	1	\$4,247.70	\$4,247.70	
Replace tempered glass - (3% of glass) steel painted door	1	2.52 S.F.	\$79.98	\$94.41	45.0000	45	45	\$4,248.38	\$4,248.38	
Repair 12' x 24' aluminum double roll-up door	10	10.00 Ea.	\$20,807.59	\$24,216.75	4.5000	4	4	\$96,866.98	\$96,866.98	
Replace 12' x 24' aluminum double roll-up door	35	10.00 Ea.	\$83,230.35	\$96,866.98	1.2857	1	1	\$96,866.98	\$96,866.98	
Debris removal by hand & visual inspection,modified bitum/thermoplstc	1	2.73 M.S.F.	\$110.54	\$134.83	45.0000	45	45	\$6,067.17	\$6,067.17	
Non-destructive moisture inspection, modified bituminous/thermoplastic	5	2.73 M.S.F.	\$344.40	\$420.07	9.0000	9	9	\$3,780.63	\$3,780.63	
Minor thermoplastic membrane repairs, 2% of roof area	1	0.55 Sq.	\$176.88	\$211.22	45.0000	45	45	\$9,504.86	\$9,504.86	
Flashing repairs, 2 S.F. per sq. repaired, modified bitumen/thermoplastic	1	1.09 S.F.	\$4.30	\$5.16	45.0000	45	45	\$232.27	\$232.27	
Membrane replacement-(25% of roof area),modified bitum/thermoplastic	20	14.10 Sq.	\$11,949.30	\$14,268.14	2.2500	2	2	\$28,536.29	\$28,536.29	
Total roof replacement, modified bituminous / thermoplastic	25	57.00 Sq.	\$38,871.67	\$46,142.64	1.8000	1	1	\$46,142.64	\$46,142.64	
Repair steel painted interior door	14	4.00 Ea.	\$1,115.95	\$1,302.73	3.2143	3	3	\$3,908.19	\$3,908.19	
Refinish 3'-0" x 7'-0" steel painted interior door	4	1.00 Ea.	\$57.65	\$70.88	11.2500	11	11	\$779.65	\$779.65	
Safety glass replacement, (3% of glass) steel painted interior door	1	0.63 S.F.	\$15.72	\$18.53	45.0000	45	45	\$833.73	\$833.73	
Repair hollow core wood door, interior	7	14.00 Ea.	\$3,905.84	\$4,559.55	6.4286	6	6	\$27,357.30	\$27,357.30	
Replace 3'-0" x 7'-0" hollow core wood door, interior	30	14.00 Ea.	\$4,780.74	\$5,622.76	1.5000	1	1	\$5,622.76	\$5,622.76	
Repair solid core wood door, interior	11	7.00 Ea.	\$1,952.92	\$2,279.78	4.0909	4	4	\$9,119.10	\$9,119.10	
Replace 3'-0" x 7'-0" solid core wood door, interior	40	7.00 Ea.	\$3,965.85	\$4,578.68	1.1250	1	1	\$4,578.68	\$4,578.68	
Repair concrete steps	15	83.00 S.F.	\$2,595.78	\$2,992.15	3.0000	3	3	\$8,976.44	\$8,976.44	
Replace concrete steps	100	83.00 S.F.	\$4,746.82	\$5,789.93	0.4500	0	0	\$0.00	\$0.00	
Replace metal stair railing, interior	45	53.00 L.F.	\$2,471.98	\$2,892.77	1.0000	1	1	\$2,892.77	\$2,892.77	
Repair fabric wall finish fabric interior	9	107.00 S.Y.	\$3,370.01	\$4,051.23	5.0000	5	5	\$20,256.17	\$20,256.17	
			\$630,070.91	\$744,993.38				MR Subtotal	\$1,593,760.04	
									MR Per Year	\$35,416.89
									PM Total	\$9,469.72
									Subtotal	\$44,886.61
									Total Per Unit	\$4.11

FAC 1411 AIRFIELD FIRE AND RESCUE STATION

SUC \$4.14

Release 2023 Qtr 4

UM SF

Zip Code Prefix 222

Design Life 45

Type PM

Average Size 10831.594351

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Door, emergency egress, swinging, annualized	12.00	3.12	\$201.16	\$137.80	\$0.00	\$338.96	\$400.42	\$471.93
Door, overhead, electric, roll up, to 24' high x 25' wide, annualized	4.00	16.28	\$172.31	\$719.87	\$0.00	\$892.18	\$1,125.37	\$1,367.17
Shutter, roll up, electric, annually	2.00	4.10	\$17.02	\$180.72	\$0.00	\$197.74	\$253.66	\$310.43
Urinals, annualized	4.00	0.91	\$26.51	\$48.66	\$0.00	\$75.17	\$92.42	\$111.00
Toilet (vacuum breaker type), annualized	9.00	1.59	\$79.70	\$85.15	\$0.00	\$164.85	\$198.36	\$235.86
Lavatories, annualized	9.00	3.13	\$70.13	\$196.20	\$0.00	\$266.33	\$332.20	\$401.58
Showers, annualized	4.00	0.91	\$54.04	\$57.38	\$0.00	\$111.42	\$134.04	\$159.36
Drink fountain, annualized	1.00	0.62	\$37.44	\$33.14	\$0.00	\$70.58	\$84.27	\$99.82
Water heater, gas, to 120 gal., annualized	2.00	3.44	\$204.42	\$183.12	\$0.00	\$387.54	\$462.92	\$548.52
Fan coil unit, annualized	1.00	3.34	\$81.97	\$178.76	\$0.00	\$260.73	\$322.56	\$388.48
VAV Boxes, annualized	8.00	7.47	\$87.03	\$470.88	\$0.00	\$557.91	\$707.88	\$862.20
Fan, axial, up to 5,000 CFM, annualized	2.00	2.49	\$16.60	\$133.42	\$0.00	\$150.01	\$191.70	\$234.21
Package unit, air cooled, 3 thru 24 ton, annualized	2.00	4.79	\$333.96	\$303.46	\$0.00	\$637.42	\$761.85	\$902.98
Backflow prevention device, up to 4", annualized	1.00	0.33	\$14.02	\$20.93	\$0.00	\$34.94	\$42.62	\$51.01
Extinguishing system, wet pipe, annualized	1.00	11.34	\$49.59	\$710.68	\$0.00	\$760.27	\$978.43	\$1,199.07
Circuit breaker, high voltage air, annualized	1.00	0.47	\$13.83	\$32.48	\$0.00	\$46.31	\$57.43	\$69.25
Panelboard, 225 A and above, annualized	2.00	0.88	\$44.00	\$60.83	\$0.00	\$104.83	\$127.48	\$152.33
Security, intrusion alarm system, annualized	1.00	3.83	\$149.07	\$241.25	\$0.00	\$390.32	\$477.61	\$572.34
Uninterrupted power system, up to 200 KVA, annually	1.00	3.01	\$169.72	\$190.73	\$0.00	\$360.46	\$434.65	\$517.33
Light, emergency, hardwired system, annually	4.00	0.50	\$25.86	\$31.55	\$0.00	\$57.41	\$69.46	\$82.81
Crane, electric bridge, up to 5 ton, annually	1.00	2.92	\$206.82	\$107.79	\$0.00	\$314.61	\$367.63	\$430.99
Fuel oil storage tank, above ground, annualized	1.00	3.28	\$23.44	\$169.84	\$0.00	\$193.29	\$246.58	\$301.05
						\$6,373.28	\$7,869.53	\$9,469.72

FAC 1411 AIRFIELD FIRE AND RESCUE STATION

Modeled Component List CostWorks Release 2023 Qtr 4

D50 Electrical		
Smoke Detector	15.0	Ea.
Manual Pull Station	5.0	Ea.
Fire Alarm Control Panel	2.0	Ea.
Fire Alarm Bell	6.0	Ea.
Load Center, 100 A, maintenance & inspection	3.0	Ea.
G30 Site Mechanical Utilities		
Fire Hydrants	1.0	Ea.
Fuel Oil Storage Tank, annualized	1.0	Each
D20 Plumbing		
Drinking Fountain	1.0	Ea.
Water Heater, Gas / Oil, 70 Gallon	1.0	Ea.
Circulation Pump, 1/12 HP	1.0	Ea.
Drain: Roof, Scupper, Area	1.0	Ea.
Tankless Water Closet	9.0	Ea.
Urinal	4.0	Ea.
Lavatory, Vitreous China	9.0	Ea.
Sink, Iron Enamel	1.0	Ea.
Shower, Fiberglass	4.0	Ea.
D30 HVAC		
Fan Coil, 1 ton	2.0	Ea.
Exhaust Fan, propeller exh., 4700 CFM	1.0	Ea.
Single Zone Air Conditioner, 25 ton	1.0	Ea.
VAV Box	8.0	Each
D40 Fire Protection		
Sprinkler System, Fire Suppression, sprinkler head	53.0	Ea.
Sprinkler System, Fire Suppression , 3" backflow preventer	1.0	Ea.
Fire Pump Electric Motor	1.0	Ea.
C30 Interior Finishes		
Concrete, Finished	62.0	C.S.F.
Vinyl	90.0	S.Y.
Terrazzo	4.42	C.S.F.
Carpet	156.0	S.Y.
Gypsum Wall Board	35.67	C.S.F.
Acoustic Tile, fire-rated	29.78	C.S.F.
B20 Exterior Enclosure		
Steel, Painted	4.0	Ea.
Aluminum Double, Roll-Up	10.0	Ea.
B30 Roofing		
Modified Bituminous / Thermoplastic	57.0	Sq.
C10 Interior Construction		
Hollow Core Interior Doors	14.0	Ea.
Solid Core Interior Doors	7.0	Ea.
C20 Stairs		
Concrete Steps	83.0	S.F.
Metal Interior Stair Railing	53.0	L.F.

FAC 1411 AIRFIELD FIRE AND RESCUE STATION
Sustainment by Year
CostWorks Release 2023 Qtr 4

