

**FAC 1451 STRATEGIC MISSILE LAUNCH FACILITY**

FY24 SUC: \$85,390.62 / EA  
Source: Calculated using R.S. Means CostWorks 2023 Qtr 4 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 repairs to concrete floor unfinished	15	284.00 S.F.	\$10,830.01	\$13,216.48	3.0000	3	3	\$39,649.45	\$39,649.45
Repair metal stairs	15	165.00 S.F.	\$11,907.62	\$13,768.58	3.0000	3	3	\$41,305.75	\$41,305.75
Replace metal stairs	40	165.00 S.F.	\$32,115.07	\$36,897.08	1.1250	1	1	\$36,897.08	\$36,897.08
Refinish metal stairs	3	165.00 S.F.	\$337.65	\$416.52	15.0000	15	15	\$6,247.74	\$6,247.74
Replace metal hand rail	30	85.00 L.F.	\$5,145.92	\$5,981.81	1.5000	1	1	\$5,981.81	\$5,981.81
Refinish metal hand rail	7	85.00 L.F.	\$173.94	\$214.57	6.4286	6	6	\$1,287.41	\$1,287.41
Replace steel decking	30	112.00 S.F.	\$661.30	\$768.36	1.5000	1	1	\$768.36	\$768.36
Refinish steel louver, 1st floor	5	8.00 Ea.	\$846.25	\$1,048.10	9.0000	9	9	\$9,432.92	\$9,432.92
Replace steel louver, 1st floor	40	8.00 Ea.	\$4,833.18	\$5,656.01	1.1250	1	1	\$5,656.01	\$5,656.01
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	1.90 S.F.	\$24.98	\$29.34	45.0000	45	45	\$1,320.16	\$1,320.16
Refinish steel shutter - 1st floor	5	2.00 Ea.	\$211.56	\$262.03	9.0000	9	9	\$2,358.23	\$2,358.23
Replace steel shutter - 1st floor	40	2.00 Ea.	\$332.96	\$400.97	1.1250	1	1	\$400.97	\$400.97
Repair steel, painted, door	14	2.00 Ea.	\$1,404.67	\$1,668.39	3.2143	3	3	\$5,005.16	\$5,005.16
Refinish 3'-0" x 7'-0" steel, painted, door	4	2.00 Ea.	\$92.11	\$112.79	11.2500	11	11	\$1,240.72	\$1,240.72
Replace 3'-0" x 7'-0" steel, painted, door	45	2.00 Ea.	\$1,834.22	\$2,123.85	1.0000	1	1	\$2,123.85	\$2,123.85
Repair 8" concrete block wall - (2% of walls) painted	25	2.10 C.S.F.	\$2,404.32	\$2,891.89	1.8000	1	1	\$2,891.89	\$2,891.89
Refinish concrete block wall painted	4	5.00 C.S.F.	\$593.45	\$717.47	11.2500	11	11	\$7,892.13	\$7,892.13
Replace 8" concrete block wall painted	75	29.30 C.S.F.	\$35,689.67	\$43,008.91	0.6000	0	0	\$0.00	\$0.00
Repair steel painted interior door	14	3.00 Ea.	\$836.97	\$977.05	3.2143	3	3	\$2,931.14	\$2,931.14
Replace 3'-0" x 7'-0" steel painted interior door	60	13.00 Ea.	\$16,634.13	\$19,290.93	0.7500	0	0	\$0.00	\$0.00
Repair solid core wood door, interior	11	25.00 Ea.	\$6,974.71	\$8,142.05	4.0909	4	4	\$32,568.22	\$32,568.22
Refinish 3'-0" x 7'-0" solid core wood door, interior	4	25.00 Ea.	\$1,100.37	\$1,355.94	11.2500	11	10	\$14,915.39	\$13,559.45
Replace 3'-0" x 7'-0" solid core wood door, interior	40	25.00 Ea.	\$14,163.76	\$16,352.44	1.1250	1	1	\$16,352.44	\$16,352.44
Repair concrete steps	15	7.00 S.F.	\$218.92	\$252.35	3.0000	3	3	\$757.05	\$757.05
Replace concrete steps	100	7.00 S.F.	\$400.33	\$488.31	0.4500	0	0	\$0.00	\$0.00
Refinish concrete floor finished	25	125.00 C.S.F.	\$52,072.16	\$62,827.33	1.8000	1	1	\$62,827.33	\$62,827.33
Resolder joint pipe & fittings, copper	10	26.00 Ea.	\$1,303.45	\$1,607.96	4.5000	4	4	\$6,431.85	\$6,431.85
Replace pipe and fittings, copper 3/4"	20	226.00 L.F.	\$5,649.35	\$6,846.89	2.2500	2	2	\$13,693.78	\$13,693.78
Replace pipe and fittings, copper 4"	25	226.00 L.F.	\$34,302.79	\$40,472.03	1.8000	1	1	\$40,472.03	\$40,472.03
Replace old valve, non-drain, less than 1-1/2"	10	14.00 Ea.	\$10,884.58	\$12,518.93	4.5000	4	4	\$50,075.73	\$50,075.73
Replace old valve, non-drain, 6"	10	4.00 Ea.	\$14,578.11	\$17,066.76	4.5000	4	4	\$68,267.03	\$68,267.03
Remove old insulation & replace with new, pipe 1-1/2", wall 3/4"	15	680.00 L.F.	\$10,179.63	\$12,375.18	3.0000	3	3	\$37,125.54	\$37,125.54
Insp/chk pump/mtr oper, lub, chk align circulation pump, 3 HP	0.5	2.00 Ea.	\$27.24	\$34.10	90.0000	90	90	\$3,069.40	\$3,069.40
Replace pump / motor assembly circulation pump, 3 HP	20	2.00 Ea.	\$27,227.05	\$31,152.98	2.2500	2	2	\$62,305.97	\$62,305.97

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Unclog floor drain, PVC	20	1.00 Ea.	\$50.45	\$63.16	2.2500	2	2	\$126.31	\$126.31
Clean floor drain w/o bucket	4	6.00 Ea.	\$740.67	\$927.19	11.2500	11	11	\$10,199.08	\$10,199.08
Replace floor drain w/o bucket	40	6.00 Ea.	\$16,380.72	\$18,770.63	1.1250	1	1	\$18,770.63	\$18,770.63
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
General maintenance pipe & fittings, industrial gas	2	1.20 M.L.F.	\$46.37	\$58.05	22.5000	22	22	\$1,277.10	\$1,277.10
Replace pipe and fittings, industrial gas	75	460.00 L.F.	\$95,674.31	\$118,555.67	0.6000	0	0	\$0.00	\$0.00
Replace roof mounted exhaust fan, 20,300 CFM exhaust fan	20	2.00 Ea.	\$24,633.02	\$28,605.87	2.2500	2	2	\$57,211.74	\$57,211.74
Repack gate valve gland, 2" - 3" valves	10	14.00 Ea.	\$544.89	\$652.08	4.5000	4	4	\$2,608.31	\$2,608.31
Repair circulator pump, 1/12 - 3/4 H.P.	5	1.00 Ea.	\$103.47	\$122.05	9.0000	9	6	\$1,098.47	\$732.31
Replace circulator pump, 1/12 - 3/4 H.P.	15	1.00 Ea.	\$3,796.05	\$4,376.03	3.0000	3	3	\$13,128.10	\$13,128.10
Replace pipe insulation, fiberglass 4"	5	0.60 M.L.F.	\$9,198.24	\$11,123.99	9.0000	9	9	\$100,115.94	\$100,115.94
Repair terminal reheat, 12" x 24" coil	10	1.00 Ea.	\$93.39	\$116.91	4.5000	4	3	\$467.63	\$350.72
Replace terminal reheat, 12" x 24" coil	15	1.00 Ea.	\$1,989.29	\$2,281.38	3.0000	3	3	\$6,844.13	\$6,844.13
Repair computer room A/C, chilled water, 5 ton	10	2.00 Ea.	\$17,085.14	\$19,990.27	4.5000	4	2	\$79,961.08	\$39,980.54
Replace computer room A/C, chilled water, 5 ton	20	2.00 Ea.	\$55,554.99	\$63,735.51	2.2500	2	2	\$127,471.02	\$127,471.02
Repair 500 kva transformer, primary, liquid filled	10	4.00 Ea.	\$10,440.25	\$12,021.47	4.5000	4	4	\$48,085.88	\$48,085.88
Maintenance and inspection primary transformer, liquid filled	0.5	4.00 Ea.	\$169.38	\$212.20	90.0000	90	90	\$19,098.41	\$19,098.41
Replace transformer 500 KVA, liquid filled	30	2.00 Ea.	\$133,654.00	\$153,097.54	1.5000	1	1	\$153,097.54	\$153,097.54
Repair switchgear 1200 A mainframe	5	2.00 Ea.	\$3,607.11	\$4,231.50	9.0000	9	9	\$38,083.54	\$38,083.54
Replace switchgear, 2000 A	30	1.00 Ea.	\$66,062.47	\$78,123.61	1.5000	1	1	\$78,123.61	\$78,123.61
Maintenance and repair - (5% of total fuses) switchgear, indoor, 600 V	10	2.00 Ea.	\$913.79	\$1,049.34	4.5000	4	4	\$4,197.35	\$4,197.35
Replace switchgear, indoor, 600 V	30	2.00 Ea.	\$5,978.57	\$7,191.10	1.5000	1	1	\$7,191.10	\$7,191.10
Repair switchboard meter	10	7.00 Ea.	\$8,530.35	\$10,038.87	4.5000	4	4	\$40,155.47	\$40,155.47
Maintenance and repair inverter	1	2.00 Ea.	\$1,587.73	\$1,902.90	45.0000	45	45	\$85,630.40	\$85,630.40
Maintenance and inspection inverter	0.25	4.00 Ea.	\$546.05	\$684.12	180.0000	180	180	\$123,141.98	\$123,141.98
Replace 1 KVA inverter	20	4.00 Ea.	\$15,532.43	\$17,733.83	2.2500	2	2	\$35,467.65	\$35,467.65
Maintenance and repair motor starter, 600 V	3	4.00 Ea.	\$2,804.67	\$3,452.17	15.0000	15	15	\$51,782.53	\$51,782.53
Maintenance and inspection motor starter, 600 V	0.25	4.00 Ea.	\$227.52	\$285.05	180.0000	180	180	\$51,309.16	\$51,309.16
Replace starter motor starter, 600 V	18	4.00 Ea.	\$23,236.20	\$27,074.84	2.5000	2	2	\$54,149.69	\$54,149.69
Maintenance and inspection lighting panel, indoor	3	2.00 Ea.	\$84.69	\$106.10	15.0000	15	15	\$1,591.53	\$1,591.53
Replace wireway, 8" x 8"	20	48.00 L.F.	\$3,886.74	\$4,678.96	2.2500	2	2	\$9,357.93	\$9,357.93
Replace EMT conduit, 1" diameter	50	2.20 M.L.F.	\$24,769.21	\$29,835.69	0.9000	0	0	\$0.00	\$0.00

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Replace cable, non-metallic (NM) sheathed	50	2.20 M.L.F.	\$12,096.68	\$14,964.81	0.9000	0	0	\$0.00	\$0.00
Replace armored cable	60	2.10 M.L.F.	\$11,958.39	\$14,846.28	0.7500	0	0	\$0.00	\$0.00
Replace circuit breaker molded case, 480 V, 3 pole circuit breaker	50	8.00 Ea.	\$10,906.72	\$12,605.89	0.9000	0	0	\$0.00	\$0.00
Repair failed breaker, 600 V, molded case, 600 V, 2 pole	10	8.00 Ea.	\$2,908.60	\$3,471.91	4.5000	4	4	\$13,887.65	\$13,887.65
Repair failed breaker, enclosed, 600 V, 3 pole	4	4.00 Ea.	\$4,333.30	\$5,007.84	11.2500	11	11	\$55,086.28	\$55,086.28
Maintenance and inspection circuit breaker, enclosed, 600 V, 3 pole	0.33	4.00 Ea.	\$136.51	\$171.03	136.3636	136	136	\$23,260.15	\$23,260.15
Replace circuit breaker enclosed, 600 V, 3 pole circuit breaker	50	4.00 Ea.	\$4,118.86	\$4,861.15	0.9000	0	0	\$0.00	\$0.00
Replace circuit breaker enclosed, 600 V, 3 pole circuit breaker 800 A	50	14.00 Ea.	\$146,404.44	\$169,407.98	0.9000	0	0	\$0.00	\$0.00
Replace circuit breaker enclosed, 600 V, 3 pole circuit breaker 2000 A	50	8.00 Ea.	\$228,607.04	\$262,384.82	0.9000	0	0	\$0.00	\$0.00
Maintenance and repair safety switch, 3 pole safety switch, heavy duty	8	12.00 Ea.	\$508.13	\$636.61	5.6250	5	5	\$3,183.07	\$3,183.07
Replace safety switch, heavy duty 600 A	25	2.00 Ea.	\$14,397.94	\$16,719.83	1.8000	1	1	\$16,719.83	\$16,719.83
Maintenance and repair incandescent lighting fixtures	10	1.00 Ea.	\$67.33	\$80.45	4.5000	4	4	\$321.79	\$321.79
Replace incandescent lighting fixture lamp	5	1.00 Ea.	\$12.84	\$15.45	9.0000	9	9	\$139.08	\$139.08
Maintenance and repair quartz fixture	10	22.00 Ea.	\$1,272.38	\$1,533.35	4.5000	4	4	\$6,133.39	\$6,133.39
Replace 1500 W quartz lamp	10	22.00 Ea.	\$1,081.17	\$1,303.92	4.5000	4	4	\$5,215.68	\$5,215.68
Replace fixture quartz	20	22.00 Ea.	\$8,378.61	\$10,069.35	2.2500	2	2	\$20,138.70	\$20,138.70
Replace fluorescent light fixture ballast, 80 W	10	25.00 Ea.	\$2,615.15	\$3,224.77	4.5000	4	4	\$12,899.08	\$12,899.08
Replace lamps (2 lamps), 4', 34 W energy saver	10	25.00 Ea.	\$662.14	\$829.22	4.5000	4	4	\$3,316.89	\$3,316.89
Repair heat detector	10	14.00 Ea.	\$876.45	\$1,078.73	4.5000	4	4	\$4,314.92	\$4,314.92
Check operation heat detector	1	14.00 Ea.	\$238.01	\$298.19	45.0000	45	45	\$13,418.77	\$13,418.77
Replace heat detector	15	14.00 Ea.	\$2,479.49	\$3,035.56	3.0000	3	3	\$9,106.68	\$9,106.68
Minor repairs to annunciation panel	5	2.00 Ea.	\$298.83	\$365.19	9.0000	9	9	\$3,286.72	\$3,286.72
Maintenance and inspection annunciation panel	0.5	2.00 Ea.	\$91.01	\$114.02	90.0000	90	90	\$10,261.83	\$10,261.83
Maintenance and repair of general wiring lightning protection system	1	1.00 M.L.F.	\$109.50	\$134.89	45.0000	45	45	\$6,069.90	\$6,069.90
Maintenance and repair lightning ground rod	1	4.00 Ea.	\$369.13	\$461.29	45.0000	45	44	\$20,757.88	\$20,296.59
Replace lightning ground rod	25	4.00 Ea.	\$982.42	\$1,214.69	1.8000	1	1	\$1,214.69	\$1,214.69
Maintenance and inspection generator, diesel, 750 KW	0.08	1.00 Ea.	\$68.26	\$85.52	562.5000	562	562	\$48,059.58	\$48,059.58
Replace diesel generator component, 750 KW	25	1.00 Ea.	\$241,760.49	\$276,884.97	1.8000	1	1	\$276,884.97	\$276,884.97
Maintenance and repair transfer switch	5	1.00 Ea.	\$356.92	\$432.10	9.0000	9	9	\$3,888.89	\$3,888.89
Replace lamp emergency lighting fixture	2	5.00 Ea.	\$272.46	\$329.28	22.5000	22	22	\$7,244.06	\$7,244.06
Maintenance and repair exit light	20	5.00 Ea.	\$192.45	\$238.35	2.2500	2	2	\$476.71	\$476.71
Replace lamp exit light	5	5.00 Ea.	\$81.73	\$97.19	9.0000	9	9	\$874.74	\$874.74

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Replace lighting fixture exit light	20	5.00 Ea.	\$880.32	\$1,067.54	2.2500	2	2	\$2,135.07	\$2,135.07
Replace lamp with exit light L.E.D. retrofit kits	15	2.00 Ea.	\$218.13	\$250.96	3.0000	3	3	\$752.87	\$752.87
Replace lighting fixture with exit light L.E.D. standard	20	2.00 Ea.	\$364.25	\$444.62	2.2500	2	2	\$889.23	\$889.23
Maintenance and inspection UPS battery	0.17	4.00 Ea.	\$273.03	\$342.06	264.7059	264	264	\$90,304.12	\$90,304.12
Maintenance and repair voice/data outlet	10	18.00 Ea.	\$977.82	\$1,221.15	4.5000	4	4	\$4,884.59	\$4,884.59
Replace voice/data outlet	20	18.00 Ea.	\$478.69	\$583.98	2.2500	2	2	\$1,167.97	\$1,167.97
Maintenance and inspection patch panel	0.5	4.00 Ea.	\$364.03	\$456.08	90.0000	90	90	\$41,047.33	\$41,047.33
Replace patch panel	15	4.00 Ea.	\$3,545.61	\$4,267.22	3.0000	3	3	\$12,801.67	\$12,801.67
Remove and replace 50 HP pump motor	25	2.00 Ea.	\$18,031.24	\$20,599.73	1.8000	1	1	\$20,599.73	\$20,599.73
			\$1,558,860.63	\$1,819,533.35				MR Subtotal	\$2,503,970.48
								MR Per Year	\$55,643.79
								PM Total	\$29,746.83
								Subtotal	\$85,390.62
								Total Per Unit	\$85,390.62

FAC 1451 STRATEGIC MISSILE LAUNCH FACILITY

SUC \$85,390.62

Release 2023 Qtr 4  
Zip Code Prefix 222  
Type PM

UM EA  
Design Life 45  
Average Size 1.0

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Hood and blower, annualized	2.00	4.64	\$101.20	\$247.65	\$0.00	\$348.85	\$433.26	\$522.74
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
Controls, central system, electro/pneumatic, annualized	8.00	15.37	\$1,352.03	\$969.66	\$0.00	\$2,321.70	\$2,747.80	\$3,241.50
Extinguishing system, dry chemical, annualized	1.00	5.61	\$4.33	\$300.84	\$0.00	\$305.17	\$395.86	\$486.76
Switch, selector, high voltage, air, annually	1.00	0.41	\$13.83	\$28.35	\$0.00	\$42.18	\$52.07	\$62.65
Transformer, dry type 500 KVA and over, annualized	8.00	6.15	\$110.63	\$428.90	\$0.00	\$539.53	\$679.26	\$824.53
Panelboard, 225 A and above, annualized	12.00	5.29	\$264.01	\$364.97	\$0.00	\$628.99	\$764.88	\$913.97
Motor control center, over 400 A, annualized	4.00	1.56	\$88.00	\$107.22	\$0.00	\$195.23	\$236.20	\$281.56
Fire alarm annunciator system, annualized	1.00	11.05	\$163.44	\$695.92	\$0.00	\$859.36	\$1,084.48	\$1,317.78
Security, intrusion alarm system, annualized	2.00	7.66	\$298.14	\$482.51	\$0.00	\$780.64	\$955.21	\$1,144.68
Emergency diesel or gas generator, over 15 KVA, annually	2.00	4.21	\$166.13	\$266.00	\$0.00	\$432.13	\$528.54	\$633.26
Power stablizer, annualized	1.00	0.62	\$9.16	\$39.69	\$0.00	\$48.85	\$61.68	\$74.96
Uninterrupted power system, 200 KVA to 800 KVA, annualized	1.00	78.06	\$226.30	\$4,923.02	\$0.00	\$5,149.32	\$6,648.86	\$8,159.71
Light, emergency, hardwired system, annually	5.00	0.62	\$32.33	\$39.44	\$0.00	\$71.76	\$86.83	\$103.51
Door, emergency egress, swinging, annualized	2.00	0.52	\$33.53	\$22.97	\$0.00	\$56.49	\$66.74	\$78.66
Fire doors, sliding, annualized	7.00	11.61	\$152.78	\$437.28	\$0.00	\$590.05	\$736.51	\$890.61
Elevator, hydraulic, passenger / freight, annualized	1.00	10.22	\$1,140.92	\$915.75	\$0.00	\$2,056.68	\$2,445.49	\$2,891.36
Valve, butterfly, above 4", annually	14.00	2.32	\$57.95	\$124.52	\$0.00	\$182.47	\$225.62	\$271.67
Valve, check, above 4", annually	22.00	5.65	\$91.06	\$302.15	\$0.00	\$393.21	\$492.96	\$597.26
Duplex sump, annualized	2.00	3.31	\$53.64	\$177.89	\$0.00	\$231.52	\$290.25	\$351.67
Oxygen monitor, annualized	4.00	20.00	\$1,963.28	\$1,063.84	\$0.00	\$3,027.12	\$3,542.60	\$4,156.24
Air handling unit, 3 thru 24 tons, annualized	2.00	4.12	\$319.79	\$219.74	\$0.00	\$539.54	\$637.44	\$751.33
Fan, axial, over 10,000 CFM, annualized	6.00	8.34	\$191.27	\$447.34	\$0.00	\$638.60	\$791.93	\$954.82
Fan, centrifugal, up to 5,000 CFM, annualized	1.00	1.08	\$31.88	\$57.99	\$0.00	\$89.87	\$110.45	\$132.63
						\$20,166.67	\$24,776.76	\$29,746.83



# FAC 1451 STRATEGIC MISSILE LAUNCH FACILITY

## Modeled Component List CostWorks Release 2023 Qtr 4

B10 Superstructure	
Metal Stairs	165.0 S.F.
Railing, Metal	85.0 L.F.
Steel Decking	112.0 S.F.
B20 Exterior Enclosure	
Steel Louver, 1st floor	8.0 Ea.
Steel, Painted	2.0 Ea.
C10 Interior Construction	
Concrete Block, Painted	5.0 C.S.F.
Steel Painted Interior Doors	13.0 Ea.
Solid Core Interior Doors	25.0 Ea.
C20 Stairs	
Concrete Steps	7.0 S.F.
C30 Interior Finishes	
Concrete, Finished	125.0 C.S.F.
D20 Plumbing	
Valve, Non-Drain, Less Than 1-1/2", Less Than 1-1/2"	14.0 Ea.
Floor Drain W/O Bucket	6.0 Ea.
Drain: Roof, Scupper, Area	1.0 Ea.
D30 HVAC	
Exhaust Fan, roof mounted exhaust fan, 20300 CFM exhaust	2.0 Ea.
Circulator Pump, 1/12 - 3/4 H.P.	1.0 Ea.
Terminal Reheat Coil, 12" x 24"	1.0 Ea.
Computer Room A/C Units, Chilled Water, 5 ton	2.0 Ea.
D50 Electrical	
Switchgear, Indoor, 600 V	2.0 Ea.
Inverter	4.0 Ea.
Motor Starter, 600 V	4.0 Ea.
Load Center, 100 A, maintenance & inspection	2.0 Ea.
Circuit Breaker, molded case, 480 V, 3 pole	8.0 Ea.
Circuit Breaker, enclosed, 600 V, 3 pole	4.0 Ea.
Quartz Lamp 1500 W, replace lamp	22.0 Ea.
Quartz Lamp 1500 W, replace fixture	22.0 Ea.
Heat Detector	14.0 Ea.
Lightning Ground Rod	4.0 Ea.
Generator, Diesel, 750 KW	1.0 Ea.
Exit Light	5.0 Ea.
UPS Battery, maintenance & inspection	4.0 Ea.
UPS, 200 KVA to 800 KVA, annualized	1.0 Each
D40 Fire Protection	
Extinguishing system, dry chemical, annualized	1.0 Each
D10 Conveying	
Elevator, hydraulic annualized	1.0 Each



FAC 1451 STRATEGIC MISSILE LAUNCH FACILITY  
Sustainment by Year  
CostWorks Release 2023 Qtr 4

