

FAC 7346 EXCHANGE SALES FACILITY

FY24 SUC:	\$3.89 / SF
Source:	Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 7346 EXCHANGE SALES FACILITY

SUC \$3.89

Release 2023 Qtr 4
Zip Code Prefix 222
Type MR

UM SF
Design Life 50
Average Size 15636.0

Adjusted Occurrences 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 steel, painted, door	14	3.00 Ea.	\$2,107.00	\$2,502.58	3.5714	3	3	\$7,507.73	\$7,507.73
Refinish 3'-0" x 7'-0" steel, painted, door	4	3.00 Ea.	\$138.16	\$169.19	12.5000	12	12	\$2,030.26	\$2,030.26
Replace 3'-0" x 7'-0" steel, painted, door	45	3.00 Ea.	\$2,751.33	\$3,185.78	1.1111	1	1	\$3,185.78	\$3,185.78
Replace tempered glass - (3% of glass) steel painted door	1	0.60 S.F.	\$19.04	\$22.48	50.0000	50	50	\$1,123.91	\$1,123.91
Repair 12' x 12' steel roll-up door	10	2.00 Ea.	\$1,402.23	\$1,666.45	5.0000	5	5	\$8,332.24	\$8,332.24
Refinish 12' x 12' steel roll-up door	5	2.00 Ea.	\$460.73	\$561.90	10.0000	10	10	\$5,619.01	\$5,619.01
Replace 12' x 12' steel roll-up door	35	2.00 Ea.	\$5,608.93	\$6,665.79	1.4286	1	1	\$6,665.79	\$6,665.79
Debris removal, by hand and visual inspection, thermosetting	1	0.02 M.S.F.	\$0.81	\$0.99	50.0000	50	50	\$49.42	\$49.42
Non - destructive moisture inspection, thermosetting	5	0.02 M.S.F.	\$2.52	\$3.08	10.0000	10	10	\$30.80	\$30.80
Minor membrane repairs, 2% of roof area, thermoset	1	3.13 Sq.	\$1,090.09	\$1,301.30	50.0000	50	50	\$65,064.80	\$65,064.80
Total thermoset roof replacement	20	56.00 Sq.	\$50,769.28	\$59,794.54	2.5000	2	2	\$119,589.07	\$119,589.07
Replace aluminum gutter, enameled, 5" K type, .027 " thick	40	240.00 L.F.	\$2,476.91	\$2,992.31	1.2500	1	1	\$2,992.31	\$2,992.31
Refinish gypsum board ceiling, up to 12' high	20	17.00 C.S.F.	\$2,466.87	\$3,034.97	2.5000	2	1	\$6,069.94	\$3,034.97
Replace tankless flush valve	25	7.00 Ea.	\$1,891.70	\$2,220.52	2.0000	2	2	\$4,441.05	\$4,441.05
Replace faucets sink, service/utility	10	2.00 Ea.	\$390.94	\$470.24	5.0000	5	5	\$2,351.21	\$2,351.21
Repair glass skylight glazing single unit	6	2.00 S.F.	\$169.26	\$198.15	8.3333	8	8	\$1,585.17	\$1,585.17
Replace gypsum board ceiling, up to 12' high	40	17.00 C.S.F.	\$6,699.85	\$8,229.51	1.2500	1	1	\$8,229.51	\$8,229.51
Replace wax ring gasket for tankless water closet	5	7.00 Ea.	\$1,044.15	\$1,305.87	10.0000	10	10	\$13,058.74	\$13,058.74
Unstop sink	2	1.00 Ea.	\$44.01	\$55.09	25.0000	25	25	\$1,377.35	\$1,377.35
Replace flush valve diaphragm for a urinal	7	3.00 Ea.	\$81.79	\$101.57	7.1429	7	7	\$710.98	\$710.98
Rebuild flush valve for a urinal	20	3.00 Ea.	\$575.64	\$693.81	2.5000	2	2	\$1,387.61	\$1,387.61
Unplug line urinal	5	3.00 Ea.	\$457.93	\$573.24	10.0000	10	10	\$5,732.45	\$5,732.45
Replace wall-hung urinal	35	3.00 Ea.	\$3,262.56	\$3,924.14	1.4286	1	1	\$3,924.14	\$3,924.14
Replace washer in spud connection lavatory, vitreous china	7	10.00 Ea.	\$173.21	\$211.41	7.1429	7	7	\$1,479.86	\$1,479.86
Replace washer in faucet lavatory, vitreous china	2	10.00 Ea.	\$135.67	\$169.17	25.0000	25	25	\$4,229.30	\$4,229.30
General maintenance & repair drain: roof, scupper, area	1	1.00 Ea.	\$39.18	\$49.05	50.0000	50	50	\$2,452.35	\$2,452.35
Replace drain: roof, scupper, area	40	1.00 Ea.	\$1,130.37	\$1,303.85	1.2500	1	1	\$1,303.85	\$1,303.85
Repair boiler, gas, 2000 MBH	7	1.00 Ea.	\$5,734.80	\$6,685.15	7.1429	7	7	\$46,796.03	\$46,796.03
Replace boiler, gas, 2000 MBH	30	1.00 Ea.	\$40,588.94	\$47,558.43	1.6667	1	1	\$47,558.43	\$47,558.43
Repair circulator pump, 1 H.P.	5	2.00 Ea.	\$207.40	\$244.67	10.0000	10	7	\$2,446.68	\$1,712.68
Replace circulator. pump, 1 H.P.	15	2.00 Ea.	\$11,265.65	\$12,926.56	3.3333	3	3	\$38,779.69	\$38,779.69
Repair terminal reheat, 36" x 36" coil	10	12.00 Ea.	\$2,060.99	\$2,580.00	5.0000	5	5	\$12,900.02	\$12,900.02

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Replace terminal reheat, 36" x 36" coil	15	12.00 Ea.	\$46,486.66	\$53,951.64	3.3333	3	3	\$161,854.93	\$161,854.93
Repair single zone rooftop unit, 60 ton	10	1.00 Ea.	\$79,616.79	\$93,003.20	5.0000	5	4	\$465,016.02	\$372,012.81
Replace single zone rooftop unit, 60 ton	15	1.00 Ea.	\$95,941.66	\$112,197.55	3.3333	3	3	\$336,592.65	\$336,592.65
Repair central station A.H.U., 16,000 CFM	10	1.00 Ea.	\$2,244.53	\$2,591.25	5.0000	5	4	\$12,956.25	\$10,365.00
Replace acoustic tile ceiling, fire-rated	20	68.10 C.S.F.	\$35,475.19	\$41,928.99	2.5000	2	2	\$83,857.97	\$83,857.97
Replace safety switch, 240 V, 2 pole	25	1.00 Ea.	\$448.31	\$543.60	2.0000	2	2	\$1,087.20	\$1,087.20
Maintenance and repair receptacles and plugs	20	76.00 Ea.	\$3,347.28	\$4,178.62	2.5000	2	2	\$8,357.24	\$8,357.24
Maintenance and repair wiring devices, switches	10	34.00 Ea.	\$1,497.47	\$1,869.38	5.0000	5	5	\$9,346.91	\$9,346.91
Replace fluorescent light fixture ballast, 80 W	10	78.00 Ea.	\$8,159.28	\$10,061.28	5.0000	5	5	\$50,306.41	\$50,306.41
Replace lamps (2 lamps), 4', 34 W energy saver	10	78.00 Ea.	\$2,065.88	\$2,587.18	5.0000	5	5	\$12,935.88	\$12,935.88
Repair smoke detector	10	17.00 Ea.	\$986.17	\$1,221.15	5.0000	5	4	\$6,105.77	\$4,884.61
Check operation smoke detector	1	17.00 Ea.	\$289.01	\$362.09	50.0000	50	50	\$18,104.69	\$18,104.69
Replace continuous skylight and structure	40	2.00 C.S.F.	\$8,346.66	\$9,800.49	1.2500	1	1	\$9,800.49	\$9,800.49
Repair 8" concrete block wall - (2% of walls) painted	25	0.10 C.S.F.	\$114.49	\$137.71	2.0000	2	2	\$275.42	\$275.42
Refinish concrete block wall painted	4	6.60 C.S.F.	\$783.36	\$947.06	12.5000	12	12	\$11,364.66	\$11,364.66
Replace 8" concrete block wall painted	75	6.60 C.S.F.	\$8,039.31	\$9,688.01	0.6667	0	0	\$0.00	\$0.00
Repair steel painted interior door	14	4.00 Ea.	\$1,115.95	\$1,302.73	3.5714	3	3	\$3,908.19	\$3,908.19
Replace 3'-0" x 7'-0" steel painted interior door	60	2.00 Ea.	\$2,559.10	\$2,967.83	0.8333	0	0	\$0.00	\$0.00
Safety glass replacement, (3% of glass) steel painted interior door	1	1.30 S.F.	\$32.43	\$38.23	50.0000	50	50	\$1,911.54	\$1,911.54
Repair solid core wood door, interior	11	12.00 Ea.	\$3,347.86	\$3,908.19	4.5455	4	4	\$15,632.74	\$15,632.74
Refinish 3'-0" x 7'-0" solid core wood door, interior	4	12.00 Ea.	\$528.18	\$650.85	12.5000	12	11	\$7,810.24	\$7,159.39
Replace flush valve diaphragm tankless water closet	10	7.00 Ea.	\$190.85	\$236.99	5.0000	5	5	\$1,184.96	\$1,184.96
Replace faucets lavatory, vitreous china	10	10.00 Ea.	\$1,954.72	\$2,351.21	5.0000	5	5	\$11,756.07	\$11,756.07
Replace sink, P.E.C.I. service/utility	35	1.00 Ea.	\$1,674.37	\$1,957.84	1.4286	1	1	\$1,957.84	\$1,957.84
Replace annunciation panel	15	2.00 Ea.	\$2,250.50	\$2,714.84	3.3333	3	3	\$8,144.51	\$8,144.51
Replace fire alarm bell, 6"	20	4.00 Ea.	\$722.42	\$879.09	2.5000	2	2	\$1,758.17	\$1,758.17
Replace lamp emergency lighting fixture	2	16.00 Ea.	\$871.88	\$1,053.68	25.0000	25	25	\$26,342.02	\$26,342.02
Replace emergency lighting fixture	20	16.00 Ea.	\$9,196.89	\$10,877.98	2.5000	2	2	\$21,755.96	\$21,755.96
Maintenance and repair exit light	20	16.00 Ea.	\$615.85	\$762.73	2.5000	2	2	\$1,525.46	\$1,525.46
Replace lamp exit light	5	16.00 Ea.	\$261.55	\$311.02	10.0000	10	10	\$3,110.18	\$3,110.18
Replace lighting fixture exit light	20	16.00 Ea.	\$2,817.04	\$3,416.11	2.5000	2	2	\$6,832.23	\$6,832.23
Inspect intercom master station	0.5	1.00 Ea.	\$182.02	\$228.04	100.0000	100	100	\$22,804.07	\$22,804.07
Replace intercom master station	15	1.00 Ea.	\$2,959.51	\$3,457.56	3.3333	3	3	\$10,372.69	\$10,372.69
Repair heat detector	10	6.00 Ea.	\$375.62	\$462.31	5.0000	5	5	\$2,311.57	\$2,311.57

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Replace heat detector	15	6.00 Ea.	\$1,062.64	\$1,300.95	3.3333	3	3	\$3,902.86	\$3,902.86
Maintenance and repair of general wiring lightning protection system	1	0.40 M.L.F.	\$43.80	\$53.95	50.0000	50	50	\$2,697.73	\$2,697.73
General maintenance & repair distribution: gutters, pipe	1	0.65 M.L.F.	\$206.18	\$258.10	50.0000	50	50	\$12,905.06	\$12,905.06
Remove and replace hydraulic dock leveler lift cylinder	15	1.00 Ea.	\$7,980.83	\$9,088.67	3.3333	3	3	\$27,266.00	\$27,266.00
Remove and replace hydraulic dock leveler hydraulic pump	20	1.00 Ea.	\$2,116.95	\$2,420.62	2.5000	2	2	\$4,841.23	\$4,841.23
Rebuild flush valve tankless water closet	20	7.00 Ea.	\$1,343.17	\$1,618.88	2.5000	2	2	\$3,237.77	\$3,237.77
Replace refrigerant drinking fountain	2	2.00 Ea.	\$70.81	\$82.86	25.0000	25	25	\$2,071.49	\$2,071.49
Replace fountain drinking fountain	10	2.00 Ea.	\$3,241.63	\$3,808.60	5.0000	5	5	\$19,043.01	\$19,043.01
Resolder joint pipe & fittings, copper	10	1.00 Ea.	\$50.13	\$61.84	5.0000	5	5	\$309.22	\$309.22
Replace pipe and fittings, copper 3/4"	20	16.00 L.F.	\$399.95	\$484.74	2.5000	2	2	\$969.47	\$969.47
Replace pipe and fittings, copper 2"	25	16.00 L.F.	\$838.84	\$1,008.95	2.0000	2	2	\$2,017.90	\$2,017.90
Remove old insulation & replace with new, pipe 3/4", wall 1"	15	16.00 L.F.	\$157.93	\$193.51	3.3333	3	3	\$580.53	\$580.53
Minor repairs, adjustments water heater, gas / oil, 1150 GPH	2	1.00 Ea.	\$103.05	\$129.00	25.0000	25	23	\$3,225.00	\$2,967.00
Clean & service water heater, gas / oil, 1150 GPH	2	1.00 Ea.	\$617.22	\$772.66	25.0000	25	25	\$19,316.43	\$19,316.43
Replace water heater, gas / oil, 1150 GPH	20	1.00 Ea.	\$40,152.67	\$46,253.95	2.5000	2	2	\$92,507.90	\$92,507.90
Unclog main drain pipe & fittings, cast iron	10	1.00 Ea.	\$48.84	\$61.14	5.0000	5	5	\$305.70	\$305.70
Unclog floor drain, PVC	20	1.00 Ea.	\$50.45	\$63.16	2.5000	2	2	\$126.31	\$126.31
Unclog 4" - 12" diameter PVC main drain per L.F.	10	0.30 L.F.	\$1.20	\$1.50	5.0000	5	5	\$7.50	\$7.50
Repair joint pipe and fittings, PVC	10	1.00 Ea.	\$168.16	\$208.23	5.0000	5	5	\$1,041.14	\$1,041.14
Replace pipe, 4" pipe and fittings, PVC	30	16.00 L.F.	\$1,327.08	\$1,638.04	1.6667	1	1	\$1,638.04	\$1,638.04
Replace 3'-0" x 7'-0" solid core wood door, interior	40	12.00 Ea.	\$6,798.60	\$7,849.17	1.2500	1	1	\$7,849.17	\$7,849.17
Replace smoke detector	15	17.00 Ea.	\$5,143.39	\$6,140.71	3.3333	3	3	\$18,422.14	\$18,422.14
Check and repair manual pull station	10	6.00 Ea.	\$539.30	\$664.48	5.0000	5	4	\$3,322.41	\$2,657.92
Replace manual pull station	15	6.00 Ea.	\$1,252.55	\$1,510.58	3.3333	3	3	\$4,531.73	\$4,531.73
Minor repairs to fire alarm control panel	5	1.00 Ea.	\$149.42	\$182.60	10.0000	10	10	\$1,825.95	\$1,825.95
Maintenance and inspection fire alarm control panel	0.5	1.00 Ea.	\$45.50	\$57.01	100.0000	100	100	\$5,701.02	\$5,701.02
Replace fire alarm control panel	15	1.00 Ea.	\$2,196.12	\$2,675.47	3.3333	3	3	\$8,026.42	\$8,026.42
Minor repairs to annunciation panel	5	2.00 Ea.	\$298.83	\$365.19	10.0000	10	10	\$3,651.91	\$3,651.91
Maintenance and inspection annunciation panel	0.5	2.00 Ea.	\$91.01	\$114.02	100.0000	100	100	\$11,402.04	\$11,402.04
Repair claybrick wall, 1st floor	25	531.00 S.F.	\$24,027.29	\$29,533.39	2.0000	2	2	\$59,066.78	\$59,066.78
Replace aluminum louver, 1st floor	60	2.00 Ea.	\$1,208.29	\$1,414.00	0.8333	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 glass - 1st floor (1% of glass) - alum. window fixed	1	6.00 S.F.	\$78.90	\$92.64	50.0000	50	50	\$4,632.15	\$4,632.15
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	25.00 Ea.	\$3,907.83	\$4,656.79	2.5000	2	2	\$9,313.57	\$9,313.57
Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	25.00 Ea.	\$16,938.51	\$19,882.58	1.0000	1	1	\$19,882.58	\$19,882.58
Repair aluminum storefront door	12	4.00 Ea.	\$2,040.91	\$2,438.74	4.1667	4	4	\$9,754.95	\$9,754.95
Replace 3'-0" x 7'-0" aluminum storefront doors	50	4.00 Ea.	\$9,636.78	\$11,353.24	1.0000	1	1	\$11,353.24	\$11,353.24
Replace insulating glass - (3% of glass) aluminum storefront door	1	1.90 S.F.	\$105.61	\$123.51	50.0000	50	50	\$6,175.34	\$6,175.34
Repair 5/8" drywall - (2% of walls)	20	341.80 S.F.	\$571.12	\$697.95	2.5000	2	2	\$1,395.90	\$1,395.90
Unplug clogged line tankless water closet	5	7.00 Ea.	\$1,609.50	\$2,014.82	10.0000	10	10	\$20,148.22	\$20,148.22
Replace faucet washer sink, service/utility	2	1.00 Ea.	\$13.45	\$16.77	25.0000	25	25	\$419.23	\$419.23
Check / minor repairs drinking fountain	1	2.00 Ea.	\$103.05	\$129.00	50.0000	50	50	\$6,450.01	\$6,450.01
Replace central station A.H.U., 16,000 CFM	15	0.50 Ea.	\$37,320.98	\$42,927.66	3.3333	3	3	\$128,782.99	\$128,782.99
Inspect sprinkler system	1	1.00 Ea.	\$36.17	\$45.28	50.0000	50	50	\$2,264.22	\$2,264.22
Replace sprinkler head	20	120.00 Ea.	\$10,517.74	\$12,978.23	2.5000	2	2	\$25,956.45	\$25,956.45
Rebuild double check 3" backflow preventer sprinkler system	1	1.00 Ea.	\$748.17	\$896.73	50.0000	50	50	\$44,836.44	\$44,836.44
Replace fuse	25	32.00 Ea.	\$14,620.63	\$16,789.40	2.0000	2	2	\$33,578.81	\$33,578.81
Repair switchboard meter	10	2.00 Ea.	\$2,437.24	\$2,868.25	5.0000	5	5	\$14,341.24	\$14,341.24
Maintenance and repair secondary transformer, dry	10	1.00 Ea.	\$254.10	\$303.63	5.0000	5	5	\$1,518.13	\$1,518.13
Replace transformer 15 KVA	30	1.00 Ea.	\$3,141.43	\$3,757.40	1.6667	1	1	\$3,757.40	\$3,757.40
Maintenance and inspection lighting panel, indoor	3	6.00 Ea.	\$254.07	\$318.31	16.6667	16	16	\$5,092.91	\$5,092.91
Replace wireway, 8" x 8"	20	64.00 L.F.	\$5,182.32	\$6,238.62	2.5000	2	2	\$12,477.24	\$12,477.24
Replace EMT conduit, 1" diameter	50	1.20 M.L.F.	\$13,510.48	\$16,274.01	1.0000	1	1	\$16,274.01	\$16,274.01
Maintenance and repair breaker, enclosed, 240 V, 2 pole	25	32.00 Ea.	\$2,426.89	\$3,040.54	2.0000	2	2	\$6,081.09	\$6,081.09
Maintenance and repair safety switch general, 2 pole	8	1.00 Ea.	\$42.34	\$53.05	6.2500	6	6	\$318.31	\$318.31
Maintenance and inspection safety switch, 2 pole	1	1.00 Ea.	\$42.34	\$53.05	50.0000	50	50	\$2,652.56	\$2,652.56
Refinish drywall	4	1,500.00 S.F.	\$1,016.46	\$1,248.72	12.5000	12	12	\$14,984.62	\$14,984.62
Replace 5/8" drywall	75	1,500.00 S.F.	\$3,544.22	\$4,352.36	0.6667	0	0	\$0.00	\$0.00
Refinish concrete floor finished	25	4.30 C.S.F.	\$1,791.28	\$2,161.26	2.0000	2	2	\$4,322.52	\$4,322.52
Replace vinyl sheet flooring	18	354.00 S.Y.	\$30,661.29	\$36,933.31	2.7778	2	2	\$73,866.62	\$73,866.62
Terrazzo floor repairs - (2% of floors)	15	93.60 S.F.	\$1,600.64	\$1,918.58	3.3333	3	3	\$5,755.75	\$5,755.75
Replace terrazzo floor	75	46.80 C.S.F.	\$76,661.87	\$91,612.99	0.6667	0	0	\$0.00	\$0.00
Replace carpet	8	377.80 S.Y.	\$20,399.90	\$23,590.77	6.2500	6	6	\$141,544.60	\$141,544.60
Repair gypsum board ceiling - (2% of ceilings)	20	0.34 C.S.F.	\$130.64	\$160.42	2.5000	2	2	\$320.83	\$320.83
Replace tankless water closet	35	7.00 Ea.	\$9,915.88	\$11,468.25	1.4286	1	1	\$11,468.25	\$11,468.25
Clean trap	3	1.00 Ea.	\$9.01	\$11.27	16.6667	16	16	\$180.39	\$180.39
Correct water pressure drinking fountain	2	2.00 Ea.	\$88.02	\$110.19	25.0000	25	25	\$2,754.69	\$2,754.69
			\$843,838.41	\$995,582.52					
								MR Subtotal	\$2,628,393.62
								MR Per Year	\$52,434.17
								PM Total	\$8,338.45

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
								Subtotal	\$60,772.62
								Total Per Unit	\$3.89

FAC 7346 EXCHANGE SALES FACILITY

Release 2023 Qtr 4

Zip Code Prefix 222

Type PM

UM SF

Design Life 50

Average Size 15636.0

SUC \$3.89

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Door, emergency egress, swinging, annualized	6.00	1.56	\$100.58	\$68.90	\$0.00	\$169.48	\$200.21	\$235.97
Door, overhead, electric, roll up, to 24' high x 25' wide, annually	2.00	4.08	\$43.60	\$179.21	\$0.00	\$222.81	\$280.93	\$341.24
Fire doors, swinging, annualized	2.00	0.78	\$31.33	\$30.91	\$0.00	\$62.24	\$74.65	\$88.62
Urinals, annualized	6.00	1.37	\$39.77	\$72.99	\$0.00	\$112.76	\$138.63	\$166.49
Toilet (vacuum breaker type), annualized	7.00	1.24	\$61.98	\$66.23	\$0.00	\$128.21	\$154.28	\$183.45
Lavatories, annualized	7.00	2.44	\$54.55	\$152.60	\$0.00	\$207.15	\$258.38	\$312.34
Drink fountain, annualized	4.00	2.48	\$149.78	\$132.54	\$0.00	\$282.32	\$337.06	\$399.29
Package unit, air cooled, 25 thru 50 ton, annualized	2.00	6.50	\$333.96	\$409.84	\$0.00	\$743.80	\$900.15	\$1,073.19
Extinguishing system, wet pipe, annualized	1.00	11.34	\$49.59	\$710.68	\$0.00	\$760.27	\$978.43	\$1,199.07
Switchboard, annualized	4.00	2.80	\$15.91	\$195.89	\$0.00	\$211.80	\$272.16	\$333.31
Circuit breaker, high voltage air, annualized	14.00	6.58	\$193.61	\$454.67	\$0.00	\$648.28	\$804.04	\$969.48
Transformer, dry type 500 KVA and over, annualized	2.00	1.54	\$27.66	\$107.22	\$0.00	\$134.88	\$169.82	\$206.13
Panelboard, 225 A and above, annualized	4.00	1.76	\$88.00	\$121.66	\$0.00	\$209.66	\$254.96	\$304.66
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	1.00	3.83	\$149.07	\$241.25	\$0.00	\$390.32	\$477.61	\$572.34
Light, emergency, hardwired system, annualized	14.00	3.50	\$125.72	\$220.84	\$0.00	\$346.56	\$425.38	\$510.49
Hydraulic lift, loading dock, annualized	1.00	1.63	\$24.27	\$58.90	\$0.00	\$83.17	\$103.27	\$124.58
						\$5,573.09	\$6,914.45	\$8,338.45

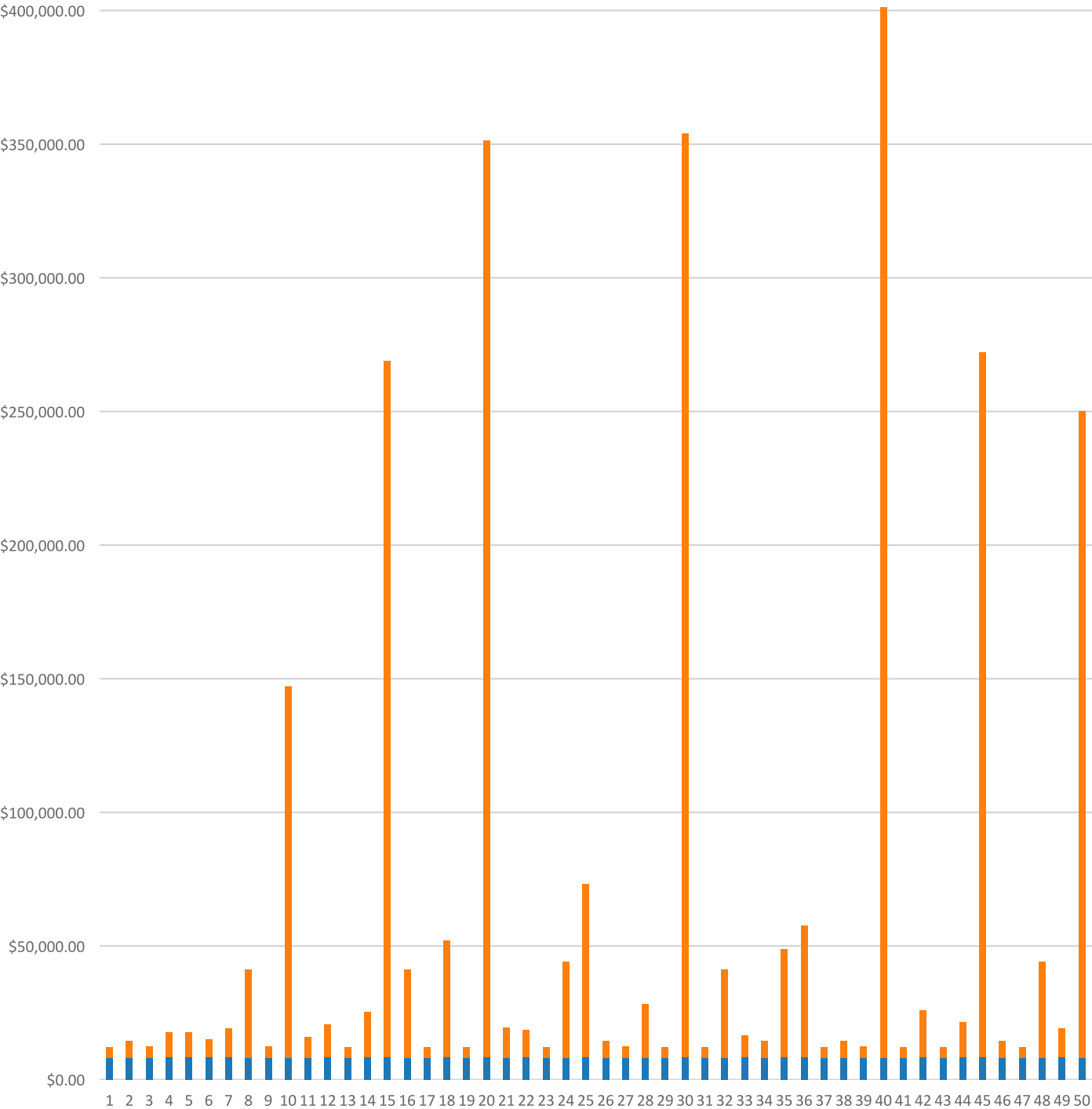
FAC 7346 EXCHANGE SALES FACILITY

Modeled Component List

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B20 Exterior Enclosure	
Steel, Painted	3.0 Ea.
Steel Single, Roll-Up	2.0 Ea.
Aluminum Window, Fixed, 1st floor	25.0 Ea.
Glazed Aluminum	4.0 Ea.
B30 Roofing	
Thermosetting	56.0 Sq.
Aluminum Gutter	240.0 L.F.
Single Unit Glass Skylight	2.0 C.S.F.
C30 Interior Finishes	
Gypsum Wall Board	17.0 C.S.F.
Acoustic Tile, fire-rated	68.1 C.S.F.
Drywall	1500.0 S.F.
Concrete, Finished	4.3 C.S.F.
Vinyl Sheet	354.0 S.Y.
Terrazzo	46.8 C.S.F.
Carpet	377.8 S.Y.
D20 Plumbing	
Urinal	3.0 Ea.
Drain: Roof, Scupper, Area	1.0 Ea.
Service/Utility Sink	1.0 Ea.
Drinking Fountain	2.0 Ea.
Water Heater, Gas / Oil, 1150 GPH	1.0 Ea.
Tankless Water Closet	7.0 Ea.
D30 HVAC	
Boiler, Gas, 2000 MBH	1.0 Ea.
Circulator Pump, 1 H.P.	2.0 Ea.
Terminal Reheat Coil, 36" x 36"	12.0 Ea.
Single Zone Air Conditioner, 60 ton	1.0 Ea.
Central Station Air Conditioning Air Handling Unit, 16,000 CFM	0.5 Ea.
D50 Electrical	
Safety Switch, General Duty, 240 V, 2 pole	1.0 Ea.
Annunciation Panel	2.0 Ea.
Fire Alarm Bell	4.0 Ea.
Emergency Lighting Fixture	16.0 Ea.
Exit Light	16.0 Ea.
Heat Detector	6.0 Ea.
Smoke Detector	17.0 Ea.
Manual Pull Station	6.0 Ea.
Fire Alarm Control Panel	1.0 Ea.
Secondary Transformer, Dry, 15 KVA	1.0 Ea.
Load Center, 100 A, maintenance & inspection	6.0 Ea.
C10 Interior Construction	
Concrete Block, Painted	6.6 C.S.F.
Steel Painted Interior Doors	2.0 Ea.
Solid Core Interior Doors	12.0 Ea.
Fire Doors, Swinging, annualized	2.0 Each
D40 Fire Protection	
Sprinkler System, Fire Supression, sprinkler head	120.0 Ea.
Sprinkler System, Fire Supression, 3" backflow preventer	1.0 Ea.
E10 Equipment	
Hydraulic Lift, Loading Dock, annualized	1.0 Each

FAC 7346 EXCHANGE SALES FACILITY
Sustainment by Year
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PM Cost
MR Cost