

FAC 7241 OFFICER UPH, TRANSIENT

FY22 SUC:	\$7.35 / SF
Source:	Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 7241 OFFICER UPH, TRANSIENT

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM SF
Design Life 55
Average Size 11615.0

SUC \$7.35

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
Minor repairs to concrete floor unfinished	15	68.30 S.F.	\$2,690.23	\$3,262.95	3.6667	3	3	\$9,788.84	\$9,788.84
Waterproof concrete block wall, 1st floor	10	120.00 C.S.F.	\$27,240.31	\$32,401.00	5.5000	5	5	\$162,005.02	\$162,005.02
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	5.88 S.F.	\$70.90	\$83.33	55.0000	55	55	\$4,583.10	\$4,583.10
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	98.00 Ea.	\$14,184.19	\$16,915.68	2.7500	2	2	\$33,831.35	\$33,831.35
Replace glass - 2nd floor (1% of glass) - alum. window fixed	1	8.04 S.F.	\$853.80	\$1,053.81	55.0000	55	55	\$57,959.41	\$57,959.41
Replace glass - 3rd floor (1% of glass) - alum. window fixed	1	8.04 S.F.	\$202.28	\$244.75	55.0000	55	55	\$13,461.03	\$13,461.03
Repair aluminum storefront door	12	2.00 Ea.	\$926.84	\$1,109.03	4.5833	4	4	\$4,436.12	\$4,436.12
Replace 3'-0" x 7'-0" aluminum storefront doors	50	2.00 Ea.	\$4,091.53	\$4,838.20	1.1000	1	1	\$4,838.20	\$4,838.20
Replace insulating glass - (3% of glass) aluminum storefront door	1	1.26 S.F.	\$65.38	\$76.48	55.0000	55	55	\$4,206.44	\$4,206.44
Repair steel, painted, door	14	6.00 Ea.	\$3,750.45	\$4,464.03	3.9286	3	3	\$13,392.10	\$13,392.10
Refinish 3'-0" x 7'-0" steel, painted, door	4	6.00 Ea.	\$248.40	\$305.20	13.7500	13	13	\$3,967.57	\$3,967.57
Replace 3'-0" x 7'-0" steel, painted, door	45	6.00 Ea.	\$4,230.38	\$4,918.39	1.2222	1	1	\$4,918.39	\$4,918.39
Debris removal by hand & visual inspection,modified bitum/thermoplstc	1	4.56 M.S.F.	\$171.65	\$209.36	55.0000	55	55	\$11,515.07	\$11,515.07
Non-destructive moisture inspection, modified bituminous/thermoplastic	5	4.56 M.S.F.	\$532.63	\$649.65	11.0000	11	11	\$7,146.11	\$7,146.11
Minor thermoplastic membrane repairs, 2% of roof area	1	0.91 Sq.	\$295.24	\$351.30	55.0000	55	55	\$19,321.69	\$19,321.69
Flashing repairs, 2 S.F. per sq. repaired, modified bitumen/thermoplastic	1	1.82 S.F.	\$7.01	\$8.39	55.0000	55	55	\$461.61	\$461.61
Membrane replacement-(25% of roof area),modified bitum/thermoplastic	20	29.00 Sq.	\$22,723.43	\$27,135.50	2.7500	2	2	\$54,271.00	\$54,271.00
Total roof replacement, modified bituminous / thermoplastic	25	116.00 Sq.	\$73,512.55	\$87,240.07	2.2000	2	2	\$174,480.15	\$174,480.15
Repair 8" concrete block wall - (2% of walls) painted	25	0.41 C.S.F.	\$447.85	\$537.73	2.2000	2	2	\$1,075.47	\$1,075.47
Refinish concrete block wall painted	4	20.55 C.S.F.	\$2,073.88	\$2,525.35	13.7500	13	13	\$32,829.58	\$32,829.58
Repair hollow core wood door, interior	7	62.00 Ea.	\$18,194.04	\$21,176.97	7.8571	7	7	\$148,238.79	\$148,238.79
Replace 3'-0" x 7'-0" hollow core wood door, interior	30	62.00 Ea.	\$18,723.23	\$22,065.40	1.8333	1	1	\$22,065.40	\$22,065.40
Repair solid core wood door, interior	11	34.00 Ea.	\$9,977.38	\$11,613.18	5.0000	5	5	\$58,065.88	\$58,065.88
Replace 3'-0" x 7'-0" solid core wood door, interior	40	34.00 Ea.	\$16,640.53	\$19,237.54	1.3750	1	1	\$19,237.54	\$19,237.54
Repair concrete steps	15	24.60 S.F.	\$562.11	\$650.69	3.6667	3	3	\$1,952.06	\$1,952.06
Replace concrete steps	100	246.00 S.F.	\$13,150.87	\$16,037.29	0.5500	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
Refinish metal stair railing, interior	7	89.00 S.F.	\$130.08	\$160.38	7.8571	7	7	\$1,122.67	\$1,122.67
Replace metal stair railing, interior	45	89.00 L.F.	\$3,823.06	\$4,474.91	1.2222	1	1	\$4,474.91	\$4,474.91
Repair 5/8" drywall - (2% of walls)	20	894.36 S.F.	\$1,498.36	\$1,823.14	2.7500	2	2	\$3,646.28	\$3,646.28
Refinish drywall	4	11,395.00 S.F.	\$7,076.08	\$8,704.76	13.7500	13	13	\$113,161.83	\$113,161.83
Replace vinyl tile flooring	18	890.00 S.Y.	\$43,969.09	\$53,996.34	3.0556	3	3	\$161,989.01	\$161,989.01
Ceramic tile floor repairs - (2% of floors)	15	0.22 C.S.F.	\$137.95	\$172.00	3.6667	3	3	\$516.01	\$516.01
Replace 2" x 2" thin set ceramic tile floor	50	10.93 C.S.F.	\$13,374.42	\$16,144.63	1.1000	1	1	\$16,144.63	\$16,144.63
Replace ceramic trim	50	200.00 L.F.	\$2,864.58	\$3,468.97	1.1000	1	1	\$3,468.97	\$3,468.97
Replace carpet	8	321.00 S.Y.	\$17,660.25	\$20,395.35	6.8750	6	6	\$122,372.07	\$122,372.07
Repair gypsum board ceiling - (2% of ceilings)	20	2.73 C.S.F.	\$988.74	\$1,213.82	2.7500	2	2	\$2,427.65	\$2,427.65
Refinish gypsum board ceiling, up to 12' high	20	136.63 C.S.F.	\$17,638.13	\$21,803.87	2.7500	2	1	\$43,607.75	\$21,803.87
Replace gypsum board ceiling, up to 12' high	40	13.60 C.S.F.	\$5,049.67	\$6,200.98	1.3750	1	1	\$6,200.98	\$6,200.98
Replace flush valve diaphragm tankless water closet	10	32.00 Ea.	\$839.05	\$1,041.15	5.5000	5	5	\$5,205.74	\$5,205.74
Rebuild flush valve tankless water closet	20	32.00 Ea.	\$5,773.88	\$6,958.63	2.7500	2	2	\$13,917.26	\$13,917.26
Unplug clogged line tankless water closet	5	32.00 Ea.	\$6,988.65	\$8,740.06	11.0000	11	11	\$96,140.64	\$96,140.64
Replace tankless water closet	35	32.00 Ea.	\$41,159.08	\$47,631.85	1.5714	1	1	\$47,631.85	\$47,631.85
Replace tankless flush valve	25	32.00 Ea.	\$8,070.88	\$9,475.54	2.2000	2	2	\$18,951.07	\$18,951.07
Replace wax ring gasket for tankless water closet	5	32.00 Ea.	\$4,528.62	\$5,658.45	11.0000	11	11	\$62,242.91	\$62,242.91
Replace washer in spud connection lavatory, vitreous china	7	32.00 Ea.	\$526.80	\$642.56	7.8571	7	7	\$4,497.93	\$4,497.93
Replace washer in faucet lavatory, vitreous china	2	32.00 Ea.	\$412.32	\$513.66	27.5000	27	27	\$13,868.77	\$13,868.77
Replace faucets lavatory, vitreous china	10	32.00 Ea.	\$5,815.23	\$7,000.17	5.5000	5	5	\$35,000.86	\$35,000.86
Clean out strainer and P trap lavatory, vitreous china	2	32.00 Ea.	\$1,115.82	\$1,395.45	27.5000	27	27	\$37,677.24	\$37,677.24
Replace lavatory, vitreous china	35	32.00 Ea.	\$21,522.39	\$25,863.07	1.5714	1	1	\$25,863.07	\$25,863.07
Replace faucet washer sink, service/utility	2	3.00 Ea.	\$38.33	\$47.75	27.5000	27	27	\$1,289.19	\$1,289.19
Clean trap	3	3.00 Ea.	\$25.71	\$32.16	18.3333	18	18	\$578.80	\$578.80
Replace faucets sink, service/utility	10	3.00 Ea.	\$545.18	\$656.27	5.5000	5	5	\$3,281.33	\$3,281.33
Unstop sink	2	3.00 Ea.	\$125.46	\$156.91	27.5000	27	27	\$4,236.49	\$4,236.49
Replace sink, P.E.C.I. service/utility	35	3.00 Ea.	\$4,701.75	\$5,498.89	1.5714	1	1	\$5,498.89	\$5,498.89
Inspect / clean shower head fiberglass	3	32.00 Ea.	\$1,580.57	\$1,976.67	18.3333	18	18	\$35,580.15	\$35,580.15
Replace mixing valve barrel shower, fiberglass	2	32.00 Ea.	\$9,042.89	\$10,634.22	27.5000	27	27	\$287,123.94	\$287,123.94
Replace mixing valve shower, fiberglass	10	32.00 Ea.	\$8,828.23	\$10,737.77	5.5000	5	5	\$53,688.83	\$53,688.83
Replace shower and fittings, fiberglass	20	32.00 Ea.	\$30,932.43	\$36,997.11	2.7500	2	2	\$73,994.22	\$73,994.22
Check / minor repairs drinking fountain	1	3.00 Ea.	\$146.65	\$183.40	55.0000	55	55	\$10,086.88	\$10,086.88
Repair internal leaks drinking fountain	4	3.00 Ea.	\$135.24	\$169.13	13.7500	13	13	\$2,198.74	\$2,198.74

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Correct water pressure drinking fountain	2	3.00 Ea.	\$125.46	\$156.91	27.5000	27	27	\$4,236.49	\$4,236.49
Replace refrigerant drinking fountain	2	3.00 Ea.	\$98.05	\$114.81	27.5000	27	27	\$3,099.81	\$3,099.81
Repair drain leak drinking fountain	4	3.00 Ea.	\$101.75	\$121.60	13.7500	13	11	\$1,580.85	\$1,337.64
Replace fountain drinking fountain	10	3.00 Ea.	\$3,843.47	\$4,543.68	5.5000	5	5	\$22,718.38	\$22,718.38
Drain and flush water heater, electric, 300 gallon	7	1.00 Ea.	\$294.38	\$368.15	7.8571	7	7	\$2,577.08	\$2,577.08
Check operation water heater, electric, 300 gallon	3	1.00 Ea.	\$2.59	\$3.23	18.3333	18	18	\$58.20	\$58.20
Replace water heater, electric, 300 gallon	15	1.00 Ea.	\$81,101.11	\$92,341.54	3.6667	3	3	\$277,024.61	\$277,024.61
Inspect for leaks steam converter, domestic hot water	1	1.00 Ea.	\$6.77	\$8.46	55.0000	55	55	\$465.49	\$465.49
Replace steam converter, domestic hot water	20	1.00 Ea.	\$3,500.15	\$4,018.40	2.7500	2	2	\$8,036.80	\$8,036.80
Replace storage tank, glass lined, P.E., 80 gal.	50	1.00 Ea.	\$4,770.11	\$5,435.10	1.1000	1	1	\$5,435.10	\$5,435.10
Insp./chk. pump/mtr. oper., lub., chk. align. circulation pump, 1/2 HP	1	1.00 Ea.	\$11.95	\$14.94	55.0000	55	55	\$821.89	\$821.89
Replace pump / motor assembly, partial circulation pump, 1/2 HP	20	1.00 Ea.	\$3,822.30	\$4,402.23	2.7500	2	2	\$8,804.46	\$8,804.46
Insp/chk pump/mtr oper, lub, chk align circulation pump, CI 1-1/2 HP	0.5	1.00 Ea.	\$11.95	\$14.94	110.0000	110	110	\$1,643.79	\$1,643.79
Replace pump / motor assembly circulation pump, CI 1-1/2 HP	20	1.00 Ea.	\$3,155.04	\$3,643.98	2.7500	2	2	\$7,287.96	\$7,287.96
Unclog main drain pipe & fittings, cast iron	10	1.00 Ea.	\$46.17	\$57.74	5.5000	5	5	\$288.68	\$288.68
Unclog floor drain, PVC	20	1.00 Ea.	\$47.80	\$59.77	2.7500	2	2	\$119.55	\$119.55
Unclog 4" - 12" diameter PVC main drain per L.F.	10	1.00 L.F.	\$3.79	\$4.74	5.5000	5	5	\$23.71	\$23.71
General maintenance & repair distribution: gutters, pipe	1	0.27 M.L.F.	\$81.55	\$101.99	55.0000	55	55	\$5,609.31	\$5,609.31
Replace pipe or gutter distribution	20	270.00 L.F.	\$12,105.97	\$14,885.98	2.7500	2	2	\$29,771.96	\$29,771.96
General maintenance & repair drain: roof, scupper, area	1	1.00 Ea.	\$36.99	\$46.26	55.0000	55	55	\$2,544.13	\$2,544.13
Replace drain: roof, scupper, area	40	4.00 Ea.	\$3,147.73	\$3,649.44	1.3750	1	1	\$3,649.44	\$3,649.44
Repair boiler, gas, 2000 MBH	7	1.00 Ea.	\$5,785.82	\$6,733.75	7.8571	7	7	\$47,136.22	\$47,136.22
Replace boiler, gas, 2000 MBH	30	1.00 Ea.	\$39,838.14	\$46,620.21	1.8333	1	1	\$46,620.21	\$46,620.21
Repair chemical feed system	15	1.00 Ea.	\$843.44	\$1,008.19	3.6667	3	3	\$3,024.57	\$3,024.57
Replace chemical feed system	15	1.00 Ea.	\$912.01	\$1,057.34	3.6667	3	3	\$3,172.03	\$3,172.03
Repair feed water supply pump	15	1.00 Ea.	\$3,564.85	\$4,131.07	3.6667	3	3	\$12,393.21	\$12,393.21
Replace feed water pump	15	1.00 Ea.	\$24,968.01	\$28,633.35	3.6667	3	3	\$85,900.06	\$85,900.06
Repair deaerator	10	1.00 Ea.	\$74.41	\$93.06	5.5000	5	5	\$465.29	\$465.29
Repair reciprocating chiller, air cooled, 50 ton	10	1.00 Ea.	\$57,771.66	\$67,630.76	5.5000	5	5	\$338,153.79	\$338,153.79
Replace chiller, air cooled, 50 ton	20	1.00 Ea.	\$64,270.84	\$74,812.79	2.7500	2	2	\$149,625.58	\$149,625.58
Repair condenser, air cooled, 50 ton	10	1.00 Ea.	\$2,479.05	\$2,909.75	5.5000	5	5	\$14,548.73	\$14,548.73
Replace condenser, air cooled, 50 ton	15	1.00 Ea.	\$38,230.64	\$44,368.46	3.6667	3	3	\$133,105.39	\$133,105.39
Repair circulator pump, 1 H.P.	5	1.00 Ea.	\$98.36	\$116.02	11.0000	11	8	\$1,276.18	\$928.13
Replace circulator. pump, 1 H.P.	15	1.00 Ea.	\$5,768.48	\$6,613.79	3.6667	3	3	\$19,841.37	\$19,841.37
Repair central station A.H.U., 8000 CFM	10	2.00 Ea.	\$2,604.14	\$3,030.61	5.5000	5	4	\$15,153.07	\$12,122.45

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost	
Replace central station A.H.U., 8000 CFM	15	2.00 Ea.	\$72,863.60	\$84,034.34	3.6667	3	3	\$252,103.03	\$252,103.03	
Rebuild 4" diameter reduced pressure backflow preventer	10	1.00 Ea.	\$664.67	\$779.78	5.5000	5	5	\$3,898.92	\$3,898.92	
Inspect sprinkler system	1	1.00 Ea.	\$34.33	\$42.93	55.0000	55	55	\$2,361.08	\$2,361.08	
Replace sprinkler head	20	34.00 Ea.	\$2,907.78	\$3,576.44	2.7500	2	2	\$7,152.89	\$7,152.89	
Repair 500 kva transformer, primary, liquid filled	10	1.00 Ea.	\$2,815.73	\$3,237.05	5.5000	5	5	\$16,185.26	\$16,185.26	
Replace fuse	25	24.00 Ea.	\$9,915.94	\$11,392.76	2.2000	2	2	\$22,785.52	\$22,785.52	
Repair switchgear, - (5% of total C.B.), indoor, less than 600 V	10	1.00 Ea.	\$539.05	\$627.14	5.5000	5	5	\$3,135.68	\$3,135.68	
Maintenance and inspection switchgear, indoor, less than 600 V	3	1.00 Ea.	\$40.64	\$50.92	18.3333	18	18	\$916.59	\$916.59	
Replace switchgear, 225 A	30	1.00 Ea.	\$5,947.52	\$6,922.93	1.8333	1	1	\$6,922.93	\$6,922.93	
Maintenance and repair motor starter, up to 600 V	5	2.00 Ea.	\$559.28	\$675.20	11.0000	11	11	\$7,427.16	\$7,427.16	
Maintenance and inspection motor starter, up to 600 V	0.5	2.00 Ea.	\$107.96	\$135.26	110.0000	110	110	\$14,878.62	\$14,878.62	
Replace starter motor starter, up to 600 V	18	2.00 Ea.	\$1,610.62	\$1,916.15	3.0556	3	3	\$5,748.45	\$5,748.45	
Maintenance and inspection circuit breaker, molded case, 600 V, 3 pole	0.33	2.00 Ea.	\$64.78	\$81.16	166.6667	166	166	\$13,471.91	\$13,471.91	
Replace circuit breaker molded case, 600 V, 3 pole circuit breaker	50	2.00 Ea.	\$10,377.85	\$11,878.98	1.1000	1	1	\$11,878.98	\$11,878.98	
Replace receptacle/plug receptacles and plugs	20	118.00 Ea.	\$8,490.76	\$10,466.20	2.7500	2	2	\$20,932.41	\$20,932.41	
Replace fluorescent light fixture ballast, 80 W	10	118.00 Ea.	\$14,710.88	\$17,845.99	5.5000	5	5	\$89,229.97	\$89,229.97	
Replace lamps (2 lamps), 4', 34 W energy saver	10	118.00 Ea.	\$2,975.25	\$3,726.31	5.5000	5	5	\$18,631.57	\$18,631.57	
Maintenance and repair TV cable outlet	10	32.00 Ea.	\$1,641.38	\$2,049.86	5.5000	5	5	\$10,249.30	\$10,249.30	
Repair smoke detector	10	33.00 Ea.	\$1,860.79	\$2,300.56	5.5000	5	4	\$11,502.82	\$9,202.26	
Check operation smoke detector	1	33.00 Ea.	\$534.41	\$669.54	55.0000	55	55	\$36,824.58	\$36,824.58	
Replace smoke detector	15	33.00 Ea.	\$9,379.83	\$11,202.24	3.6667	3	3	\$33,606.73	\$33,606.73	
Check and repair manual pull station	10	3.00 Ea.	\$263.09	\$323.49	5.5000	5	4	\$1,617.45	\$1,293.96	
Replace manual pull station	15	3.00 Ea.	\$610.40	\$734.82	3.6667	3	3	\$2,204.47	\$2,204.47	
Minor repairs to fire alarm control panel	5	1.00 Ea.	\$149.71	\$182.27	11.0000	11	11	\$2,005.02	\$2,005.02	
Maintenance and inspection fire alarm control panel	0.5	1.00 Ea.	\$43.18	\$54.10	110.0000	110	110	\$5,951.45	\$5,951.45	
Replace fire alarm control panel	15	1.00 Ea.	\$1,953.46	\$2,391.92	3.6667	3	3	\$7,175.76	\$7,175.76	
Replace fire alarm bell, 6"	20	3.00 Ea.	\$584.89	\$705.83	2.7500	2	2	\$1,411.65	\$1,411.65	
Replace building structure ground	50	1.00 M.L.F.	\$4,337.42	\$5,318.61	1.1000	1	1	\$5,318.61	\$5,318.61	
Replace emergency lighting fixture	20	4.00 Ea.	\$2,409.47	\$2,839.05	2.7500	2	2	\$5,678.09	\$5,678.09	
			\$1,024,552.25	\$1,207,596.16				MR Subtotal	\$4,035,105.96	
									MR Per Year	\$73,243.13
									PM Total	\$12,180.20
									Subtotal	\$85,423.33
									Total Per Unit	\$7.35

FAC 7241 OFFICER UPH, TRANSIENT

Release 2021 Qtr 3

Zip Code Prefix 222

Type PM

UM SF

Design Life 55

Average Size 11615.0

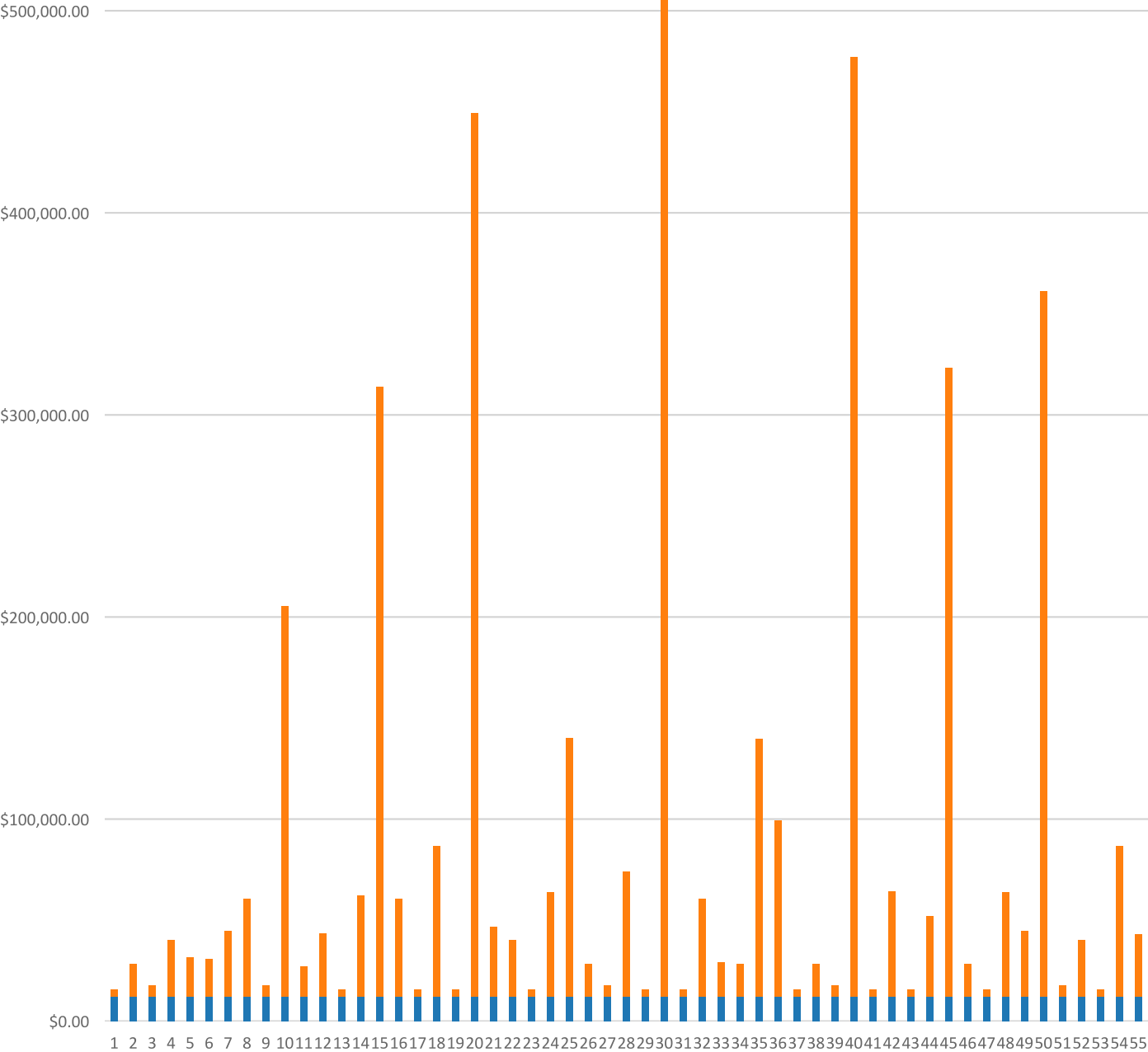
SUC \$7.35

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	\$87.55	\$64.50	\$0.00	\$152.05	\$180.15	\$212.63
Fire doors, swinging, annualized	4.00	1.57	\$57.28	\$58.23	\$0.00	\$115.52	\$138.71	\$164.77
Toilet (vacuum breaker type), annualized	32.00	5.66	\$270.14	\$284.74	\$0.00	\$554.88	\$667.31	\$793.26
Lavatories, annualized	32.00	11.14	\$190.88	\$662.51	\$0.00	\$853.39	\$1,071.23	\$1,298.62
Drink fountain, annualized	3.00	1.86	\$62.18	\$93.83	\$0.00	\$156.00	\$190.37	\$227.84
Boiler, hot water, oil, gas, or comb. fired, 500 -1000 MBH, annualized	1.00	17.38	\$77.34	\$1,057.20	\$0.00	\$1,134.54	\$1,459.44	\$1,788.20
Chiller, recip., air cooled, over 25 tons, annualized	1.00	12.89	\$91.50	\$775.28	\$0.00	\$866.78	\$1,108.51	\$1,354.82
Condensing unit, air cooled, 26 to 100 tons, annualized	1.00	2.96	\$162.77	\$177.96	\$0.00	\$340.73	\$410.40	\$488.20
Fan coil unit, annualized	4.00	13.35	\$452.93	\$673.08	\$0.00	\$1,126.01	\$1,373.23	\$1,643.09
VAV Boxes, annualized	12.00	11.21	\$115.25	\$676.61	\$0.00	\$791.86	\$1,006.37	\$1,226.64
Centrifugal, over 1 HP, annualized	2.00	2.39	\$23.46	\$119.82	\$0.00	\$143.27	\$181.56	\$221.02
Switchboard, with air circuit breaker, annualized	1.00	13.32	\$17.17	\$875.42	\$0.00	\$892.59	\$1,156.93	\$1,422.13
Motor control center, over 400 A, annualized	1.00	0.39	\$23.20	\$25.90	\$0.00	\$49.10	\$59.19	\$70.44
Fire alarm annunciator system, annualized	1.00	11.05	\$179.39	\$652.68	\$0.00	\$832.07	\$1,045.82	\$1,268.53
						\$8,008.79	\$10,049.22	\$12,180.20

FAC 7241 OFFICER UPH, TRANSIENT
Modeled Component List
CostWorks Release 2021 Qtr 3

B20 Exterior Enclosure	
Glazed Aluminum	2.0 Ea.
Steel, Painted	6.0 Ea.
B30 Roofing	
Modified Bituminous / Thermoplastic	116.0 Sq.
C10 Interior Construction	
Concrete Block, Painted	20.55 C.S.F.
Hollow Core Interior Doors	62.0 Ea.
Solid Core Interior Doors	34.0 Ea.
Fire Doors, Swinging, annualized	4.0 Each
C20 Stairs	
Concrete Steps	246.0 S.F.
Metal Interior Stair Railing	89.0 L.F.
C30 Interior Finishes	
Vinyl	890.0 S.Y.
Carpet	321.0 S.Y.
Gypsum Wall Board	13.6 C.S.F.
D20 Plumbing	
Tankless Water Closet	32.0 Ea.
Lavatory, Vitreous China	32.0 Ea.
Service/Utility Sink	3.0 Ea.
Shower, Fiberglass	32.0 Ea.
Drinking Fountain	3.0 Ea.
Water Heater, Electric, 300 Gallon	1.0 Ea.
Steam Converter, Domestic Hot Water	1.0 Ea.
Storage Tank, Domestic Hot Water	1.0 Ea.
Circulation Pump, 1/2 HP	1.0 Ea.
Circulation Pump, C.I. 1-1/2 HP	1.0 Ea.
Drain: Roof, Scupper, Area	4.0 Ea.
D30 HVAC	
Boiler, Gas, 2000 MBH	1.0 Ea.
Chemical Feed System	1.0 Ea.
Feed Water Supply	1.0 Ea.
Chiller, Air Cooled, Reciprocating, 50 ton	1.0 Ea.
Air Cooled Condenser, 50 ton	1.0 Ea.
Circulator Pump, 1 H.P.	1.0 Ea.
Central Station Air Conditioning Air Handling Unit, 8000 CFM	2.0 Ea.
VAV Box	12.0 Each
D40 Fire Protection	
Backflow Preventer	1.0 Ea.
Sprinkler System, Fire Suppression, sprinkler head	34.0 Ea.
D50 Electrical	
Switchgear, Indoor, Less Than 600 V	1.0 Ea.
Motor Starter, Up To 600 V	2.0 Ea.
Circuit Breaker, molded case, 600 V, 3 pole	2.0 Ea.
Smoke Detector	33.0 Ea.
Manual Pull Station	3.0 Ea.
Fire Alarm Control Panel	1.0 Ea.
Fire Alarm Bell	3.0 Ea.
Building Structure Ground	1.0 M.L.F.
Emergency Lighting Fixture	4.0 Ea.

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Sustainment by Year
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PM Cost
MR Cost