

FAC 7220 DINING FACILITY

FY22 SUC:	\$5.82 / SF
Source:	Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 7220 DINING FACILITY

SUC \$5.82

Release 2021 Qtr 3
Zip Code Prefix 222
Type MRUM SF
Design Life 40
Average Size 10489.0

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 8" concrete block wall, 1st floor	25	55.10 S.F.	\$1,334.24	\$1,632.24	1.6000	1	1	\$1,632.24	\$1,632.24
Replace glass - 1st floor (1% of glass) - steel frame window	1	1.80 S.F.	\$21.70	\$25.51	40.0000	40	40	\$1,020.36	\$1,020.36
Repair 3'-9" x 5'-5" steel frame window - 1st floor.	20	16.00 Ea.	\$4,772.86	\$5,606.69	2.0000	2	2	\$11,213.38	\$11,213.38
Refinish 3'-9" x 5'-5" steel frame window - 1st floor.	5	16.00 Ea.	\$1,281.33	\$1,589.55	8.0000	8	8	\$12,716.38	\$12,716.38
Replace glass - 1st floor. (1% of glass) - alum. window	1	4.80 S.F.	\$57.88	\$68.02	40.0000	40	40	\$2,720.95	\$2,720.95
Repair 3' x 4' aluminum window - 1st floor	20	22.00 Ea.	\$5,761.74	\$6,782.63	2.0000	2	2	\$13,565.26	\$13,565.26
Repair aluminum storefront door	12	2.00 Ea.	\$926.84	\$1,109.03	3.3333	3	3	\$3,327.09	\$3,327.09
Replace insulating glass - (3% of glass) aluminum storefront door	1	21.00 S.F.	\$1,089.74	\$1,274.68	40.0000	40	40	\$50,987.15	\$50,987.15
Repair steel, painted, door	14	8.00 Ea.	\$5,000.59	\$5,952.05	2.8571	2	2	\$11,904.09	\$11,904.09
Refinish 3'-0" x 7'-0" steel, painted, door	4	8.00 Ea.	\$331.20	\$406.93	10.0000	10	10	\$4,069.30	\$4,069.30
Debris removal, by hand and visual inspection, metal panel roofing	1	9.22 M.S.F.	\$210.07	\$256.22	40.0000	40	40	\$10,248.86	\$10,248.86
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	184.00 S.F.	\$642.73	\$771.14	8.0000	8	8	\$6,169.10	\$6,169.10
Metal roof flashing replacement, 2 SF/sq repaired, metal panel roofing	1	4.00 S.F.	\$73.20	\$88.69	40.0000	40	40	\$3,547.60	\$3,547.60
Minor metal roof panel replacement, 2.5% of roof area	20	230.00 S.F.	\$2,628.35	\$3,121.58	2.0000	2	2	\$6,243.16	\$6,243.16
Total metal roof panel replacement	30	92.20 Sq.	\$77,922.52	\$92,293.70	1.3333	1	1	\$92,293.70	\$92,293.70
Repair steel painted interior door	14	8.00 Ea.	\$2,347.62	\$2,732.51	2.8571	2	2	\$5,465.02	\$5,465.02
Refinish 3'-0" x 7'-0" steel painted interior door	4	8.00 Ea.	\$420.68	\$518.29	10.0000	10	10	\$5,182.91	\$5,182.91
Repair 5/8" drywall - (2% of walls)	20	54.60 S.F.	\$91.47	\$111.30	2.0000	2	2	\$222.60	\$222.60
Refinish drywall	4	2,730.00 S.F.	\$1,695.28	\$2,085.47	10.0000	10	10	\$20,854.75	\$20,854.75
Repair 4" x 4" thin set ceramic tile - (2% of walls)	10	0.78 C.S.F.	\$640.33	\$771.62	4.0000	4	4	\$3,086.49	\$3,086.49
Refinish concrete floor finished	25	13.30 C.S.F.	\$5,610.30	\$6,738.85	1.6000	1	1	\$6,738.85	\$6,738.85
Replace vinyl sheet flooring	18	155.00 S.Y.	\$14,153.96	\$16,944.70	2.2222	2	2	\$33,889.40	\$33,889.40
Acoustic tile repairs - (2% of ceilings)	9	1.21 C.S.F.	\$1,098.32	\$1,276.45	4.4444	4	4	\$5,105.82	\$5,105.82
Replace acoustic tile ceiling, non fire-rated	20	60.60 C.S.F.	\$26,643.15	\$31,588.11	2.0000	2	2	\$63,176.22	\$63,176.22
Refinish acoustic tile ceiling and grid (occupied area)	5	6.06 C.S.F.	\$148.80	\$185.03	8.0000	8	8	\$1,480.28	\$1,480.28
Replace flush valve diaphragm tankless water closet	10	8.00 Ea.	\$209.76	\$260.29	4.0000	4	4	\$1,041.15	\$1,041.15
Rebuild flush valve tankless water closet	20	8.00 Ea.	\$1,443.47	\$1,739.66	2.0000	2	2	\$3,479.31	\$3,479.31
Unplug clogged line tankless water closet	5	8.00 Ea.	\$1,747.16	\$2,185.01	8.0000	8	8	\$17,480.12	\$17,480.12

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Replace tankless water closet	35	8.00 Ea.	\$10,289.77	\$11,907.96	1.1429	1	1	\$11,907.96	\$11,907.96
Replace tankless flush valve	25	8.00 Ea.	\$2,017.72	\$2,368.88	1.6000	1	1	\$2,368.88	\$2,368.88
Replace wax ring gasket for tankless water closet	5	8.00 Ea.	\$1,132.15	\$1,414.61	8.0000	8	8	\$11,316.89	\$11,316.89
Replace flush valve diaphragm for a urinal	7	6.00 Ea.	\$157.32	\$195.22	5.7143	5	5	\$976.08	\$976.08
Rebuild flush valve for a urinal	20	6.00 Ea.	\$1,082.60	\$1,304.74	2.0000	2	2	\$2,609.49	\$2,609.49
Unplug line urinal	5	6.00 Ea.	\$870.43	\$1,088.57	8.0000	8	8	\$8,708.54	\$8,708.54
Replace wall-hung urinal	35	6.00 Ea.	\$5,813.18	\$7,014.64	1.1429	1	1	\$7,014.64	\$7,014.64
Replace washer in spud connection lavatory, vitreous china	7	8.00 Ea.	\$131.70	\$160.64	5.7143	5	5	\$803.20	\$803.20
Replace washer in faucet lavatory, vitreous china	2	8.00 Ea.	\$103.08	\$128.41	20.0000	20	20	\$2,568.29	\$2,568.29
Replace faucets lavatory, vitreous china	10	8.00 Ea.	\$1,453.81	\$1,750.04	4.0000	4	4	\$7,000.17	\$7,000.17
Clean out strainer and P trap lavatory, vitreous china	2	8.00 Ea.	\$278.95	\$348.86	20.0000	20	20	\$6,977.27	\$6,977.27
Replace lavatory, vitreous china	35	8.00 Ea.	\$5,380.60	\$6,465.77	1.1429	1	1	\$6,465.77	\$6,465.77
Replace faucet washer sink, stainless steel	2	5.00 Ea.	\$63.88	\$79.58	20.0000	20	20	\$1,591.60	\$1,591.60
Clean trap sink, stainless steel	3	5.00 Ea.	\$42.85	\$53.59	13.3333	13	13	\$696.71	\$696.71
Replace faucets sink, stainless steel	10	5.00 Ea.	\$908.63	\$1,093.78	4.0000	4	4	\$4,375.11	\$4,375.11
Unstop sink, stainless steel	2	5.00 Ea.	\$209.11	\$261.51	20.0000	20	20	\$5,230.23	\$5,230.23
Replace sink, stainless steel	40	5.00 Ea.	\$5,629.74	\$6,599.10	1.0000	1	1	\$6,599.10	\$6,599.10
Replace faucet washer sink, service/utility	2	1.00 Ea.	\$12.78	\$15.92	20.0000	20	20	\$318.32	\$318.32
Clean trap	3	1.00 Ea.	\$8.57	\$10.72	13.3333	13	13	\$139.34	\$139.34
Replace faucets sink, service/utility	10	1.00 Ea.	\$181.73	\$218.76	4.0000	4	4	\$875.02	\$875.02
Unstop sink	2	1.00 Ea.	\$41.82	\$52.30	20.0000	20	20	\$1,046.05	\$1,046.05
Replace sink, P.E.C.I. service/utility	35	1.00 Ea.	\$1,567.25	\$1,832.96	1.1429	1	1	\$1,832.96	\$1,832.96
Check / minor repairs drinking fountain	1	2.00 Ea.	\$97.76	\$122.27	40.0000	40	40	\$4,890.61	\$4,890.61
Repair internal leaks drinking fountain	4	2.00 Ea.	\$90.16	\$112.76	10.0000	10	10	\$1,127.56	\$1,127.56
Correct water pressure drinking fountain	2	0.00 Ea.	\$0.00	\$0.00	20.0000	20	20	\$0.00	\$0.00
Replace refrigerant drinking fountain	2	2.00 Ea.	\$65.37	\$76.54	20.0000	20	20	\$1,530.77	\$1,530.77
Repair drain leak drinking fountain	4	2.00 Ea.	\$67.83	\$81.07	10.0000	10	8	\$810.69	\$648.55
Replace fountain drinking fountain	10	2.00 Ea.	\$2,562.31	\$3,029.12	4.0000	4	4	\$12,116.47	\$12,116.47
Replace pipe and fittings, copper 3/4"	20	200.00 L.F.	\$5,210.78	\$6,276.52	2.0000	2	2	\$12,553.04	\$12,553.04
Replace pipe and fittings, copper 2"	25	100.00 L.F.	\$6,148.46	\$7,314.51	1.6000	1	1	\$7,314.51	\$7,314.51
Remove old insulation & replace with new, pipe 3/4", wall 3/4"	15	200.00 L.F.	\$2,414.61	\$2,961.80	2.6667	2	2	\$5,923.60	\$5,923.60
Remove old insulation & replace with new, pipe 1-1/2", wall 3/4"	15	100.00 L.F.	\$1,443.67	\$1,751.97	2.6667	2	2	\$3,503.95	\$3,503.95
Overhaul water heater, gas / oil, 70 gallon	5	1.00 Ea.	\$163.70	\$204.73	8.0000	8	8	\$1,637.81	\$1,637.81

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Clean & service water heater, gas / oil, 70 gallon	1	1.00 Ea.	\$196.62	\$245.89	40.0000	40	40	\$9,835.55	\$9,835.55
Replace water heater, gas / oil, 70 gallon	12	1.00 Ea.	\$3,315.17	\$3,847.40	3.3333	3	3	\$11,542.21	\$11,542.21
Insp/chk pump/mtr oper, lub, chk align circulation pump, CI 1-1/2 HP	0.5	1.00 Ea.	\$11.95	\$14.94	80.0000	80	80	\$1,195.48	\$1,195.48
Replace pump / motor assembly circulation pump, CI 1-1/2 HP	20	1.00 Ea.	\$3,155.04	\$3,643.98	2.0000	2	2	\$7,287.96	\$7,287.96
Unclog main drain pipe & fittings, cast iron	10	1.00 Ea.	\$46.17	\$57.74	4.0000	4	4	\$230.95	\$230.95
Replace pipe & fittings, cast iron, 4"	40	10.00 L.F.	\$669.47	\$803.58	1.0000	1	1	\$803.58	\$803.58
Replace pipe, 4" pipe and fittings, PVC	30	30.00 L.F.	\$2,447.67	\$3,011.53	1.3333	1	1	\$3,011.53	\$3,011.53
General maintenance & repair drain: roof, scupper, area	1	1.00 Ea.	\$36.99	\$46.26	40.0000	40	40	\$1,850.28	\$1,850.28
Replace drain: roof, scupper, area	40	1.00 Ea.	\$786.93	\$912.36	1.0000	1	1	\$912.36	\$912.36
Repair boiler, gas, 250 MBH	7	2.00 Ea.	\$4,062.11	\$4,780.90	5.7143	5	5	\$23,904.51	\$23,904.51
Replace boiler, gas, 250 MBH	30	2.00 Ea.	\$18,796.09	\$22,420.25	1.3333	1	1	\$22,420.25	\$22,420.25
Repair reciprocating chiller, air cooled, 50 ton	10	1.00 Ea.	\$57,771.66	\$67,630.76	4.0000	4	4	\$270,523.03	\$270,523.03
Replace chiller, air cooled, 50 ton	20	1.00 Ea.	\$64,270.84	\$74,812.79	2.0000	2	2	\$149,625.58	\$149,625.58
Replace unit ventilator, 750 CFM, heat/cool coils	15	2.00 Ea.	\$14,191.28	\$16,496.27	2.6667	2	2	\$32,992.55	\$32,992.55
Replace roof mounted exhaust fan, 8500 CFM exhaust fan	20	3.00 Ea.	\$11,819.50	\$13,720.24	2.0000	2	2	\$27,440.49	\$27,440.49
Replace axial flow fan, 6400 CFM exhaust fan	10	4.00 Ea.	\$12,548.55	\$14,671.75	4.0000	4	4	\$58,687.02	\$58,687.02
Replace axial flow fan, 15,600 CFM exhaust fan	10	1.00 Ea.	\$4,229.34	\$4,950.75	4.0000	4	4	\$19,803.02	\$19,803.02
Repair circulator pump, 1 H.P.	5	2.00 Ea.	\$196.72	\$232.03	8.0000	8	6	\$1,856.27	\$1,392.20
Replace circulator. pump, 1 H.P.	15	2.00 Ea.	\$11,536.96	\$13,227.58	2.6667	2	2	\$26,455.16	\$26,455.16
Replace terminal reheat, 18" x 24" coil	15	2.00 Ea.	\$4,018.01	\$4,624.74	2.6667	2	2	\$9,249.48	\$9,249.48
Repair terminal reheat, 36" x 36" coil	10	2.00 Ea.	\$325.88	\$407.55	4.0000	4	4	\$1,630.20	\$1,630.20
Repair central station A.H.U., 16,000 CFM	10	1.00 Ea.	\$1,502.82	\$1,746.04	4.0000	4	3	\$6,984.14	\$5,238.11
Replace central station A.H.U., 16,000 CFM	15	1.00 Ea.	\$66,939.65	\$77,045.08	2.6667	2	2	\$154,090.16	\$154,090.16
Rebuild 4" diameter reduced pressure backflow preventer	10	1.00 Ea.	\$664.67	\$779.78	4.0000	4	4	\$3,119.13	\$3,119.13
Inspect sprinkler system	1	1.00 Ea.	\$34.33	\$42.93	40.0000	40	40	\$1,717.15	\$1,717.15
Replace sprinkler head	20	58.00 Ea.	\$4,960.32	\$6,100.99	2.0000	2	2	\$12,201.98	\$12,201.98
Rebuild double check 3" backflow preventer sprinkler system	1	1.00 Ea.	\$710.41	\$851.09	40.0000	40	40	\$34,043.75	\$34,043.75
Repair 15 KV primary transformer, dry	15	1.00 Ea.	\$257.71	\$311.64	2.6667	2	2	\$623.28	\$623.28
Maintenance and inspection primary transformer, dry	0.5	1.00 Ea.	\$40.64	\$50.92	80.0000	80	80	\$4,073.72	\$4,073.72
Replace transformer 500 KVA, dry	30	1.00 Ea.	\$43,160.76	\$49,684.34	1.3333	1	1	\$49,684.34	\$49,684.34
Repair switchgear 1200 A mainframe	5	1.00 Ea.	\$1,904.54	\$2,227.57	8.0000	8	6	\$17,820.60	\$13,365.45
Maintenance and inspection switchgear, mainframe	1	1.00 Ea.	\$64.78	\$81.16	40.0000	40	40	\$3,246.24	\$3,246.24
Replace switchgear 1200 A mainframe	20	1.00 Ea.	\$4,350.12	\$5,225.48	2.0000	2	2	\$10,450.95	\$10,450.95

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Repair switchgear, - (5% of total C.B.), indoor, less than 600 V	10	1.00 Ea.	\$539.05	\$627.14	4.0000	4	4	\$2,508.55	\$2,508.55
Maintenance and inspection switchgear, indoor, less than 600 V	3	1.00 Ea.	\$40.64	\$50.92	13.3333	13	13	\$661.98	\$661.98
Replace switchgear, 225 A	30	1.00 Ea.	\$5,947.52	\$6,922.93	1.3333	1	1	\$6,922.93	\$6,922.93
Maintenance and repair motor starter, up to 600 V	5	6.00 Ea.	\$1,677.83	\$2,025.59	8.0000	8	8	\$16,204.71	\$16,204.71
Maintenance and inspection motor starter, up to 600 V	0.5	6.00 Ea.	\$323.88	\$405.78	80.0000	80	80	\$32,462.44	\$32,462.44
Replace starter motor starter, up to 600 V	18	6.00 Ea.	\$4,831.87	\$5,748.45	2.2222	2	2	\$11,496.89	\$11,496.89
Maintenance and inspection lighting panel, indoor	3	1.00 Ea.	\$40.64	\$50.92	13.3333	13	13	\$661.98	\$661.98
Repair failed breaker, molded case, 600 V, 3 pole	10	2.00 Ea.	\$744.14	\$885.26	4.0000	4	4	\$3,541.05	\$3,541.05
Maintenance and inspection circuit breaker, molded case, 600 V, 3 pole	0.33	5.00 Ea.	\$161.94	\$202.89	121.2121	121	121	\$24,549.72	\$24,549.72
Maintenance and repair receptacles and plugs	20	16.00 Ea.	\$675.89	\$843.82	2.0000	2	2	\$1,687.64	\$1,687.64
Replace receptacle/plug receptacles and plugs	20	16.00 Ea.	\$1,151.29	\$1,419.15	2.0000	2	2	\$2,838.29	\$2,838.29
Maintenance and repair wiring devices, switches	10	8.00 Ea.	\$337.95	\$421.91	4.0000	4	4	\$1,687.64	\$1,687.64
Replace wiring devices, switches	15	8.00 Ea.	\$523.02	\$649.78	2.6667	2	2	\$1,299.55	\$1,299.55
Replace fluorescent light fixture ballast, 80 W	10	100.00 Ea.	\$12,466.84	\$15,123.72	4.0000	4	2	\$60,494.89	\$30,247.45
Replace lamps (2 lamps), 4', 34 W energy saver	10	100.00 Ea.	\$2,521.40	\$3,157.89	4.0000	4	4	\$12,631.57	\$12,631.57
Replace fluorescent fixture, lay-in, recess mtd, 2' x 4', two 40 W	20	100.00 Ea.	\$22,743.70	\$27,741.52	2.0000	2	2	\$55,483.03	\$55,483.03
Replace high pressure sodium ballast, 250 W	10	8.00 Ea.	\$1,550.79	\$1,838.81	4.0000	4	2	\$7,355.23	\$3,677.62
Replace high pressure sodium fixture lamp, 250 W	10	8.00 Ea.	\$445.26	\$540.78	4.0000	4	4	\$2,163.12	\$2,163.12
Replace high pressure sodium fixture, 250 W	20	4.00 Ea.	\$4,876.54	\$5,676.26	2.0000	2	2	\$11,352.52	\$11,352.52
Repair heat detector	10	4.00 Ea.	\$245.51	\$301.54	4.0000	4	4	\$1,206.15	\$1,206.15
Check operation heat detector	1	4.00 Ea.	\$64.78	\$81.16	40.0000	40	40	\$3,246.24	\$3,246.24
Replace heat detector	15	4.00 Ea.	\$683.86	\$836.16	2.6667	2	2	\$1,672.33	\$1,672.33
Check and repair manual pull station	10	3.00 Ea.	\$263.09	\$323.49	4.0000	4	3	\$1,293.96	\$970.47
Replace manual pull station	15	3.00 Ea.	\$610.40	\$734.82	2.6667	2	2	\$1,469.65	\$1,469.65
Minor repairs to annunciation panel	5	2.00 Ea.	\$299.41	\$364.55	8.0000	8	8	\$2,916.40	\$2,916.40
Maintenance and inspection annunciation panel	0.5	1.00 Ea.	\$43.18	\$54.10	80.0000	80	80	\$4,328.33	\$4,328.33
Replace annunciation panel	15	2.00 Ea.	\$2,253.03	\$2,709.11	2.6667	2	2	\$5,418.21	\$5,418.21
Replace fire alarm bell, 6"	20	4.00 Ea.	\$779.85	\$941.10	2.0000	2	2	\$1,882.20	\$1,882.20
Replace lamp emergency lighting fixture	2	4.00 Ea.	\$218.76	\$263.50	20.0000	20	20	\$5,270.05	\$5,270.05
Replace emergency lighting fixture	20	4.00 Ea.	\$2,409.47	\$2,839.05	2.0000	2	2	\$5,678.09	\$5,678.09
Maintenance and repair exit light	20	4.00 Ea.	\$148.81	\$184.01	2.0000	2	2	\$368.03	\$368.03
Replace lamp exit light	5	4.00 Ea.	\$67.39	\$79.85	8.0000	8	8	\$638.83	\$638.83
Replace lighting fixture exit light	20	4.00 Ea.	\$764.14	\$919.04	2.0000	2	2	\$1,838.09	\$1,838.09

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
			\$623,423.20	\$734,085.11				MR Subtotal	\$1,773,159.36
								MR Per Year	\$44,209.46
								PM Total	\$16,833.12
								Subtotal	\$61,042.58
								Total Per Unit	\$5.82

FAC 7220 DINING FACILITY

SUC \$5.82

Release 2021 Qtr 3

UM SF

Zip Code Prefix 222

Design Life 40

Type PM

Average Size 10489.0

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Urinals, annualized	6.00	1.37	\$37.91	\$68.72	\$0.00	\$106.63	\$131.04	\$157.34
Toilet (vacuum breaker type), annually	8.00	0.46	\$33.73	\$22.91	\$0.00	\$56.63	\$66.88	\$78.81
Lavatories, annualized	8.00	2.78	\$47.72	\$165.63	\$0.00	\$213.35	\$267.81	\$324.65
Drink fountain, annualized	2.00	1.24	\$41.45	\$62.55	\$0.00	\$104.00	\$126.91	\$151.90
Water heater, gas, to 120 gal., annualized	1.00	1.72	\$58.64	\$86.78	\$0.00	\$145.42	\$177.31	\$212.14
Boiler, hot water, oil, gas, or comb. fired, 120 - 500 MBH, annualized	2.00	31.76	\$154.68	\$1,894.15	\$0.00	\$2,048.83	\$2,632.55	\$3,223.99
Condensing unit, air cooled, 26 to 100 tons, annually	1.00	1.67	\$117.28	\$100.43	\$0.00	\$217.71	\$259.57	\$307.29
Air handling unit, 3 thru 24 tons, annualized	4.00	8.24	\$897.77	\$415.83	\$0.00	\$1,313.60	\$1,528.13	\$1,787.54
Fan, axial, 5,000 to 10,000 CFM, annualized	4.00	5.16	\$143.56	\$259.01	\$0.00	\$402.58	\$494.64	\$593.87
Hood and blower, annualized	4.00	9.27	\$216.35	\$465.17	\$0.00	\$681.52	\$842.71	\$1,014.71
Backflow prevention device, up to 4", annualized	6.00	2.00	\$80.37	\$118.93	\$0.00	\$199.31	\$243.03	\$290.76
Extinguishing system, wet pipe, annualized	1.00	11.34	\$68.24	\$678.37	\$0.00	\$746.61	\$956.95	\$1,170.70
Extinguishing system, CO2, annualized	2.00	18.94	\$1,233.42	\$951.48	\$0.00	\$2,184.90	\$2,593.69	\$3,064.14
Panelboard, 225 A and above, annualized	4.00	1.76	\$92.79	\$116.03	\$0.00	\$208.82	\$252.91	\$301.64
Fire alarm annunciator system, annualized	1.00	11.05	\$179.39	\$652.68	\$0.00	\$832.07	\$1,045.82	\$1,268.53
Light, emergency, hardwired system, annualized	20.00	5.00	\$154.65	\$295.26	\$0.00	\$449.91	\$553.95	\$665.73
Deep fat fryer, conventional type, gas / electric, annualized	1.00	2.58	\$14.44	\$87.91	\$0.00	\$102.35	\$130.16	\$158.70
Grill, gas / electric, annualized	1.00	3.28	\$84.23	\$112.42	\$0.00	\$196.65	\$238.81	\$285.17
Oven, convection, gas / electric, annualized	1.00	11.24	\$41.26	\$382.72	\$0.00	\$423.98	\$542.92	\$663.92
Refrigerator freezer, walk-in box w/external condenser, annualized	3.00	4.40	\$622.28	\$150.70	\$0.00	\$772.97	\$880.41	\$1,018.96
Vacuum, annualized	1.00	1.23	\$20.51	\$41.86	\$0.00	\$62.37	\$76.98	\$92.62
						\$11,470.22	\$14,043.15	\$16,833.12

FAC 7220 DINING FACILITY
Modeled Component List
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B30 Roofing	
Metal Steep Roofing	92.2 Sq.
C30 Interior Finishes	
Concrete, Finished	13.3 C.S.F.
Vinyl Sheet	155.0 S.Y.
Acoustic Tile, non fire-rated	60.6 C.S.F.
D20 Plumbing	
Tankless Water Closet	8.0 Ea.
Urinal	6.0 Ea.
Lavatory, Vitreous China	8.0 Ea.
Sink, Stainless Steel	5.0 Ea.
Service/Utility Sink	1.0 Ea.
Drinking Fountain	2.0 Ea.
Water Heater, Gas / Oil, 70 Gallon	1.0 Ea.
Circulation Pump, C.I. 1-1/2 HP	1.0 Ea.
Drain: Roof, Scupper, Area	1.0 Ea.
D30 HVAC	
Boiler, Gas, 250 MBH	2.0 Ea.
Chiller, Air Cooled, Reciprocating, 50 ton	1.0 Ea.
Unit Ventilator, 750 CFM	2.0 Ea.
Exhaust Fan, roof mounted exhaust fan, 8500 CFM exhaust	3.0 Ea.
Exhaust Fan, axial flow, 6400 CFM	4.0 Ea.
Exhaust Fan, axial flow, 15,600 CFM	1.0 Ea.
Circulator Pump, 1 H.P.	2.0 Ea.
Terminal Reheat Coil, 18" x 24"	2.0 Ea.
Central Station Air Conditioning Air Handling Unit, 16,000 CFM	1.0 Ea.
D40 Fire Protection	
Backflow Preventer	1.0 Ea.
Sprinkler System, Fire Suppression, sprinkler head	58.0 Ea.
Sprinkler System, Fire Suppression , 3" backflow preventer	1.0 Ea.
Extinguishing system, CO2, annualized	2.0 Each
D50 Electrical	
Primary Transformer, Dry	1.0 Ea.
Switchgear, Mainframe	1.0 Ea.
Switchgear, Indoor, Less Than 600 V	1.0 Ea.
Motor Starter, Up To 600 V	6.0 Ea.
Load Center, 100 A, maintenance & inspection	1.0 Ea.
Fluorescent Lighting Fixture	100.0 Ea.
H.P. Sodium Fixture, 250 W	4.0 Ea.
Heat Detector	4.0 Ea.
Manual Pull Station	3.0 Ea.
Annunciation Panel	2.0 Ea.
Fire Alarm Bell	4.0 Ea.
Emergency Lighting Fixture	4.0 Ea.
Exit Light	4.0 Ea.
E10 Equipment	
Refrigerator freezer, walk-in, annualized	3.0 Each

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Sustainment by Year
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