

**FAC 1712 APPLIED INSTRUCTION BUILDING**

FY24 SUC:	\$4.35 / SF
Source:	Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 1712 APPLIED INSTRUCTION BUILDING

SUC \$4.35

Release 2023 Qtr 4  
Zip Code Prefix 222  
Type MR

UM SF  
Design Life 50  
Average Size 13870.0

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
Total metal roof panel replacement	30	140.00 Sq.	\$123,891.33	\$146,871.50	1.6667	1	1	\$146,871.50	\$146,871.50
Replace 5/8" drywall	75	9,200.00 S.F.	\$21,737.91	\$26,694.48	0.6667	0	0	\$0.00	\$0.00
Unplug line urinal	5	6.00 Ea.	\$915.85	\$1,146.49	10.0000	10	10	\$11,464.89	\$11,464.89
Replace fabric wall finish fabric interior	50	313.40 S.Y.	\$48,854.69	\$60,350.81	1.0000	1	1	\$60,350.81	\$60,350.81
Repair 5/8" drywall - (2% of walls)	20	308.90 S.F.	\$516.15	\$630.77	2.5000	2	2	\$1,261.54	\$1,261.54
Refinish drywall	4	9,200.00 S.F.	\$6,234.28	\$7,658.80	12.5000	12	12	\$91,905.65	\$91,905.65
Replace wax ring gasket for tankless water closet	5	16.00 Ea.	\$2,386.63	\$2,984.86	10.0000	10	10	\$29,848.56	\$29,848.56
Replace flush valve diaphragm for a urinal	7	6.00 Ea.	\$163.58	\$203.14	7.1429	7	7	\$1,421.95	\$1,421.95
Rebuild flush valve for a urinal	20	6.00 Ea.	\$1,151.29	\$1,387.61	2.5000	2	2	\$2,775.23	\$2,775.23
Replace washer in spud connection lavatory, vitreous china	7	12.00 Ea.	\$207.86	\$253.69	7.1429	7	7	\$1,775.83	\$1,775.83
Replace washer in faucet lavatory, vitreous china	2	12.00 Ea.	\$162.81	\$203.01	25.0000	25	25	\$5,075.16	\$5,075.16
Replace faucets lavatory, vitreous china	10	12.00 Ea.	\$2,345.66	\$2,821.46	5.0000	5	5	\$14,107.29	\$14,107.29
Clean out strainer and P trap lavatory, vitreous china	2	12.00 Ea.	\$441.82	\$553.09	25.0000	25	25	\$13,827.21	\$13,827.21
Replace faucet washer sink, iron enamel	2	2.00 Ea.	\$26.90	\$33.54	25.0000	25	25	\$838.47	\$838.47
Clean trap sink, iron enamel	3	2.00 Ea.	\$18.01	\$22.55	16.6667	16	16	\$360.77	\$360.77
Replace faucets sink, iron enamel	10	2.00 Ea.	\$390.94	\$470.24	5.0000	5	5	\$2,351.21	\$2,351.21
Unstop sink, iron enamel	2	2.00 Ea.	\$88.02	\$110.19	25.0000	25	25	\$2,754.69	\$2,754.69
Replace sink, P.E.C.I. sink, iron enamel kitchen	35	2.00 Ea.	\$2,416.86	\$2,818.55	1.4286	1	1	\$2,818.55	\$2,818.55
Inspect and clean shower head emergency shower station	3	1.00 Ea.	\$51.54	\$64.51	16.6667	16	16	\$1,032.22	\$1,032.22
Replace shower emergency shower station	25	1.00 Ea.	\$1,053.08	\$1,259.15	2.0000	2	2	\$2,518.30	\$2,518.30
Inspect and clean spray heads, emergency eye wash	3	1.00 Ea.	\$51.54	\$64.51	16.6667	16	16	\$1,032.22	\$1,032.22
Replace eye wash station, emergency eye wash	25	1.00 Ea.	\$785.91	\$955.55	2.0000	2	2	\$1,911.10	\$1,911.10
Inspect for leaks steam converter, domestic hot water	1	1.00 Ea.	\$7.13	\$8.92	50.0000	50	50	\$446.13	\$446.13
Replace steam converter, domestic hot water	20	1.00 Ea.	\$3,772.03	\$4,329.91	2.5000	2	2	\$8,659.81	\$8,659.81
Refinish concrete floor finished	25	19.50 C.S.F.	\$8,123.26	\$9,801.06	2.0000	2	2	\$19,602.13	\$19,602.13
Replace vinyl tile flooring	18	54.00 S.Y.	\$2,758.82	\$3,395.07	2.7778	2	2	\$6,790.14	\$6,790.14
Ceramic tile floor repairs - (2% of floors)	15	0.20 C.S.F.	\$134.80	\$168.09	3.3333	3	3	\$504.27	\$504.27
Replace 2" x 2" thin set ceramic tile floor	50	10.10 C.S.F.	\$13,489.05	\$16,258.82	1.0000	1	1	\$16,258.82	\$16,258.82
Replace carpet	8	540.00 S.Y.	\$29,158.15	\$33,718.94	6.2500	6	6	\$202,313.62	\$202,313.62
Repair gypsum board ceiling - (2% of ceilings)	20	0.10 C.S.F.	\$38.42	\$47.18	2.5000	2	2	\$94.36	\$94.36
Refinish gypsum board ceiling, up to 12' high	20	6.70 C.S.F.	\$972.24	\$1,196.14	2.5000	2	2	\$2,392.27	\$2,392.27

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Acoustic tile repairs - (2% of ceilings)	9	1.70 C.S.F.	\$1,570.44	\$1,827.04	5.5556	5	5	\$9,135.21	\$9,135.21
Refinish acoustic tile ceiling and grid (unoccupied area)	5	18.50 C.S.F.	\$260.10	\$323.47	10.0000	10	10	\$3,234.67	\$3,234.67
Refinish acoustic tile ceiling and grid (occupied area)	5	18.50 C.S.F.	\$482.11	\$599.59	10.0000	10	10	\$5,995.89	\$5,995.89
Replace flush valve diaphragm tankless water closet	10	16.00 Ea.	\$436.22	\$541.70	5.0000	5	5	\$2,708.48	\$2,708.48
Rebuild flush valve tankless water closet	20	16.00 Ea.	\$3,070.10	\$3,700.30	2.5000	2	2	\$7,400.61	\$7,400.61
Unplug clogged line tankless water closet	5	16.00 Ea.	\$3,678.87	\$4,605.31	10.0000	10	10	\$46,053.07	\$46,053.07
Replace tankless water closet	35	16.00 Ea.	\$22,664.87	\$26,213.13	1.4286	1	1	\$26,213.13	\$26,213.13
Repair single zone variable volume, 30 ton	10	1.00 Ea.	\$44,639.44	\$51,408.01	5.0000	5	4	\$257,040.06	\$205,632.05
Replace single zone variable volume, 30 ton	15	1.00 Ea.	\$52,116.30	\$60,900.01	3.3333	3	3	\$182,700.04	\$182,700.04
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 central station A.H.U., 16,000 CFM	15	1.00 Ea.	\$74,641.96	\$85,855.33	3.3333	3	3	\$257,565.99	\$257,565.99
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	60.00 Ea.	\$5,258.87	\$6,489.11	2.5000	2	2	\$12,978.23	\$12,978.23
Maintenance and repair motor starter, up to 600 V	5	2.00 Ea.	\$525.64	\$638.99	10.0000	10	10	\$6,389.88	\$6,389.88
Maintenance and inspection motor starter, up to 600 V	0.5	2.00 Ea.	\$113.76	\$142.53	100.0000	100	100	\$14,252.54	\$14,252.54
Replace starter motor starter, up to 600 V	18	2.00 Ea.	\$1,682.04	\$2,001.49	2.7778	2	2	\$4,002.99	\$4,002.99
Maintenance and repair secondary transformer, dry	10	1.00 Ea.	\$254.10	\$303.63	5.0000	5	5	\$1,518.13	\$1,518.13
Maintenance and inspection secondary transformer, dry	0.5	1.00 Ea.	\$85.32	\$106.89	100.0000	100	100	\$10,689.41	\$10,689.41
Maintenance and inspection lighting panel, indoor	3	4.00 Ea.	\$169.38	\$212.20	16.6667	16	16	\$3,395.27	\$3,395.27
Maintenance and repair breaker, molded case, 480 V, 1 pole	20	6.00 Ea.	\$455.04	\$570.10	2.5000	2	2	\$1,140.20	\$1,140.20
Replace circuit breaker enclosed, 240 V, 1 pole circuit breaker	50	15.00 Ea.	\$7,336.41	\$8,749.59	1.0000	1	1	\$8,749.59	\$8,749.59
Maintenance and repair receptacles and plugs	20	64.00 Ea.	\$2,818.77	\$3,518.84	2.5000	2	2	\$7,037.68	\$7,037.68
Repair 8" concrete block wall - (2% of walls) painted	25	1.20 C.S.F.	\$1,373.90	\$1,652.51	2.0000	2	2	\$3,305.02	\$3,305.02
Refinish concrete block wall painted	4	42.12 C.S.F.	\$4,999.24	\$6,043.93	12.5000	12	12	\$72,527.19	\$72,527.19
Replace 8" concrete block wall painted	75	42.12 C.S.F.	\$51,305.43	\$61,827.15	0.6667	0	0	\$0.00	\$0.00
Replace insulating glass (3% of glass) fully glazed wooden doors	1	0.20 S.F.	\$10.01	\$11.69	50.0000	50	50	\$584.32	\$584.32
Refinish 3'-0" x 7'-0" fully glazed wood door	4	1.00 Ea.	\$73.78	\$91.53	12.5000	12	12	\$1,098.41	\$1,098.41
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
Replace fire alarm bell, 6"	20	4.00 Ea.	\$722.42	\$879.09	2.5000	2	2	\$1,758.17	\$1,758.17

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Maintenance and repair of general wiring lightning protection system	1	1.00 M.L.F.	\$109.50	\$134.89	50.0000	50	50	\$6,744.34	\$6,744.34
Maintenance and repair lightning ground rod	1	2.00 Ea.	\$184.57	\$230.64	50.0000	50	50	\$11,532.16	\$11,532.16
Maintenance and repair computer ground system	4	1.00 Ea.	\$22.69	\$28.43	12.5000	12	12	\$341.11	\$341.11
Replace lamp emergency lighting fixture	2	6.00 Ea.	\$326.96	\$395.13	25.0000	25	25	\$9,878.26	\$9,878.26
Replace emergency lighting fixture	20	6.00 Ea.	\$3,448.83	\$4,079.24	2.5000	2	2	\$8,158.48	\$8,158.48
Maintenance and repair voice/data outlet	10	22.00 Ea.	\$1,195.11	\$1,492.51	5.0000	5	5	\$7,462.57	\$7,462.57
Replace voice/data outlet	20	22.00 Ea.	\$585.06	\$713.76	2.5000	2	2	\$1,427.52	\$1,427.52
Maintenance and inspection patch panel	0.5	3.00 Ea.	\$273.03	\$342.06	100.0000	100	100	\$34,206.11	\$34,206.11
Replace patch panel	15	3.00 Ea.	\$2,659.20	\$3,200.42	3.3333	3	3	\$9,601.25	\$9,601.25
Point and refinish painted concrete block wall, 1st floor	25	42.12 C.S.F.	\$21,773.08	\$26,835.18	2.0000	2	2	\$53,670.37	\$53,670.37
Repair clay brick wall, 1st floor	25	398.00 S.F.	\$18,009.15	\$22,136.14	2.0000	2	2	\$44,272.28	\$44,272.28
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	5.20 S.F.	\$68.38	\$80.29	50.0000	50	50	\$4,014.53	\$4,014.53
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	88.00 Ea.	\$13,755.56	\$16,391.88	2.5000	2	2	\$32,783.77	\$32,783.77
Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	88.00 Ea.	\$59,623.55	\$69,986.66	1.0000	1	1	\$69,986.66	\$69,986.66
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
Repair steel, painted, door	14	4.00 Ea.	\$2,809.34	\$3,336.77	3.5714	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	12.5000	12	12	\$2,707.02	\$2,707.02
Replace 3'-0" x 7'-0" steel, painted, door	45	4.00 Ea.	\$3,668.44	\$4,247.70	1.1111	1	1	\$4,247.70	\$4,247.70
Replace tempered glass - (3% of glass) steel painted door	1	4.00 S.F.	\$126.95	\$149.85	50.0000	50	50	\$7,492.74	\$7,492.74
Prepare and refinish 3'-0" x 7'-0" steel painted. door	4	1.00 Ea.	\$86.83	\$107.16	12.5000	12	12	\$1,285.92	\$1,285.92
Replace 3'-0" x 7'-0" steel, with wire glass, door	45	1.00 Ea.	\$1,734.74	\$2,009.66	1.1111	1	1	\$2,009.66	\$2,009.66
Refinish 12' x 24' steel double roll-up door	5	2.00 Ea.	\$923.19	\$1,125.95	10.0000	10	10	\$11,259.46	\$11,259.46
Replace 12' x 24' steel double roll-up door	35	2.00 Ea.	\$11,217.86	\$13,331.58	1.4286	1	1	\$13,331.58	\$13,331.58
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	277.00 S.F.	\$1,280.31	\$1,521.55	10.0000	10	10	\$15,215.50	\$15,215.50
Metal roof flashing replacement, 2 SF/sq repaired, metal panel roofing	1	6.40 S.F.	\$161.97	\$193.58	50.0000	50	50	\$9,678.82	\$9,678.82
Minor metal roof panel replacement, 2.5% of roof area	20	346.00 S.F.	\$4,455.79	\$5,282.10	2.5000	2	2	\$10,564.20	\$10,564.20
Replace 4-pin receptacle	20	4.00 Ea.	\$611.70	\$727.48	2.5000	2	2	\$1,454.97	\$1,454.97
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
Maintenance and repair incandescent lighting fixtures	10	12.00 Ea.	\$808.01	\$965.37	5.0000	5	5	\$4,826.85	\$4,826.85

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost	
Replace incandescent lighting fixture lamp	5	12.00 Ea.	\$154.08	\$185.44	10.0000	10	10	\$1,854.45	\$1,854.45	
Replace fluorescent light fixture ballast, 80 W	10	120.00 Ea.	\$12,552.74	\$15,478.90	5.0000	5	5	\$77,394.48	\$77,394.48	
Replace lamps (2 lamps), 4', 34 W energy saver	10	120.00 Ea.	\$3,178.28	\$3,980.27	5.0000	5	5	\$19,901.36	\$19,901.36	
Replace metal halide ballast, 175 W	10	21.00 Ea.	\$3,504.63	\$4,195.05	5.0000	5	5	\$20,975.26	\$20,975.26	
Replace metal halide fixture lamp, 175 W	5	21.00 Ea.	\$1,199.03	\$1,459.32	10.0000	10	10	\$14,593.23	\$14,593.23	
Maintenance and repair master clock control	10	1.00 Ea.	\$190.55	\$229.41	5.0000	5	5	\$1,147.05	\$1,147.05	
Check operation master clock control	1	1.00 Ea.	\$45.50	\$57.01	50.0000	50	50	\$2,850.51	\$2,850.51	
Replace time control clock master clock	15	1.00 Ea.	\$284.18	\$339.13	3.3333	3	3	\$1,017.38	\$1,017.38	
Repair smoke detector	10	15.00 Ea.	\$870.15	\$1,077.49	5.0000	5	4	\$5,387.44	\$4,309.95	
Check operation smoke detector	1	15.00 Ea.	\$255.01	\$319.49	50.0000	50	50	\$15,974.73	\$15,974.73	
Replace smoke detector	15	15.00 Ea.	\$4,538.29	\$5,418.28	3.3333	3	3	\$16,254.83	\$16,254.83	
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	
Replace 3'-0" x 7'-0" fully glazed wood door	40	1.00 Ea.	\$1,154.04	\$1,343.25	1.2500	1	1	\$1,343.25	\$1,343.25	
Replace tankless flush valve	25	16.00 Ea.	\$4,323.88	\$5,075.48	2.0000	2	2	\$10,150.97	\$10,150.97	
Replace wall-hung urinal	35	6.00 Ea.	\$6,525.12	\$7,848.28	1.4286	1	1	\$7,848.28	\$7,848.28	
Replace lavatory, vitreous china	35	12.00 Ea.	\$8,624.67	\$10,360.87	1.4286	1	1	\$10,360.87	\$10,360.87	
Repair steel painted interior door	14	9.00 Ea.	\$2,510.90	\$2,931.14	3.5714	3	3	\$8,793.42	\$8,793.42	
Refinish 3'-0" x 7'-0" steel painted interior door	4	9.00 Ea.	\$518.86	\$637.90	12.5000	12	12	\$7,654.75	\$7,654.75	
Replace 3'-0" x 7'-0" steel painted interior door	60	9.00 Ea.	\$11,515.93	\$13,355.26	0.8333	0	0	\$0.00	\$0.00	
Repair solid core wood door, interior	11	15.00 Ea.	\$4,184.83	\$4,885.23	4.5455	4	4	\$19,540.93	\$19,540.93	
Refinish 3'-0" x 7'-0" solid core wood door, interior	4	15.00 Ea.	\$660.22	\$813.57	12.5000	12	11	\$9,762.80	\$8,949.23	
Replace 3'-0" x 7'-0" solid core wood door, interior	40	15.00 Ea.	\$8,498.25	\$9,811.47	1.2500	1	1	\$9,811.47	\$9,811.47	
Repair fabric wall finish fabric interior	9	313.40 S.Y.	\$9,870.66	\$11,865.95	5.5556	5	5	\$59,329.74	\$59,329.74	
General maintenance & repair drain: roof, scupper, area	1	8.00 Ea.	\$313.44	\$392.38	50.0000	50	50	\$19,618.78	\$19,618.78	
Replace drain: roof, scupper, area	40	8.00 Ea.	\$9,042.99	\$10,430.80	1.2500	1	1	\$10,430.80	\$10,430.80	
Repair fan coil unit, 1 ton	10	4.00 Ea.	\$1,804.33	\$2,158.45	5.0000	5	4	\$10,792.26	\$8,633.81	
Replace fan coil unit, 1 ton	15	4.00 Ea.	\$5,374.04	\$6,274.93	3.3333	3	3	\$18,824.78	\$18,824.78	
Replace roof mounted exhaust fan, 8500 CFM exhaust fan	20	1.00 Ea.	\$4,297.06	\$4,984.96	2.5000	2	2	\$9,969.92	\$9,969.92	
Repair circulator pump, 1/12 - 3/4 H.P.	5	1.00 Ea.	\$103.47	\$122.05	10.0000	10	7	\$1,220.52	\$854.36	
Replace circulator pump, 1/12 - 3/4 H.P.	15	1.00 Ea.	\$3,796.05	\$4,376.03	3.3333	3	3	\$13,128.10	\$13,128.10	
Repair circulator pump, 1 H.P.	5	1.00 Ea.	\$103.70	\$122.33	10.0000	10	7	\$1,223.34	\$856.34	
Replace circulator. pump, 1 H.P.	15	1.00 Ea.	\$5,632.83	\$6,463.28	3.3333	3	3	\$19,389.85	\$19,389.85	
			\$838,461.59	\$995,348.81				MR Subtotal	\$2,425,185.27	
									MR Per Year	\$48,503.71

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
								PM Total	\$11,801.02
								Subtotal	\$60,304.73
								Total Per Unit	\$4.35

FAC 1712 APPLIED INSTRUCTION BUILDING

Release 2023 Qtr 4

Zip Code Prefix 222

Type PM

UM SF

Design Life 50

Average Size 13870.0

SUC \$4.35

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Door, emergency egress, swinging, annualized	4.00	1.04	\$67.05	\$45.93	\$0.00	\$112.99	\$133.47	\$157.31
Door, overhead, manual, up to 24' high x 25' wide, annualized	2.00	4.39	\$17.02	\$194.27	\$0.00	\$211.30	\$271.28	\$332.12
Fire doors, swinging, annualized	6.00	2.35	\$93.99	\$92.74	\$0.00	\$186.73	\$223.95	\$265.87
Urinals, annualized	6.00	1.37	\$39.77	\$72.99	\$0.00	\$112.76	\$138.63	\$166.49
Toilet (vacuum breaker type), annualized	16.00	2.83	\$141.68	\$151.38	\$0.00	\$293.06	\$352.64	\$419.31
Lavatories, annualized	12.00	4.18	\$93.51	\$261.60	\$0.00	\$355.11	\$442.94	\$535.45
Drink fountain, annualized	2.00	1.24	\$74.89	\$66.27	\$0.00	\$141.16	\$168.53	\$199.65
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	4.00	13.35	\$327.89	\$715.04	\$0.00	\$1,042.93	\$1,290.23	\$1,553.92
VAV Boxes, annually	24.00	11.21	\$131.16	\$711.55	\$0.00	\$842.71	\$1,069.29	\$1,302.43
Forced air heater, oil or gas fired, up to 120 MBH, annualized	3.00	16.88	\$145.73	\$1,072.56	\$0.00	\$1,218.29	\$1,554.63	\$1,898.26
Package unit, air cooled, 25 thru 50 ton, annualized	1.00	3.25	\$166.98	\$204.92	\$0.00	\$371.90	\$450.07	\$536.60
Air compressor, gas engine powered, annually	1.00	2.51	\$116.38	\$158.70	\$0.00	\$275.08	\$334.33	\$399.40
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
Uninterrupted power system, up to 200 KVA, annually	2.00	6.02	\$339.44	\$381.47	\$0.00	\$720.91	\$869.30	\$1,034.66
Light, emergency, hardwired system, annually	16.00	2.00	\$103.45	\$126.19	\$0.00	\$229.64	\$277.85	\$331.22
Hydraulic lift, annually	1.00	0.77	\$315.57	\$27.68	\$0.00	\$343.26	\$383.12	\$438.76
Crane, electric bridge, up to 5 ton, annually	1.00	2.92	\$206.82	\$107.79	\$0.00	\$314.61	\$367.63	\$430.99
						\$7,955.19	\$9,811.87	\$11,801.02

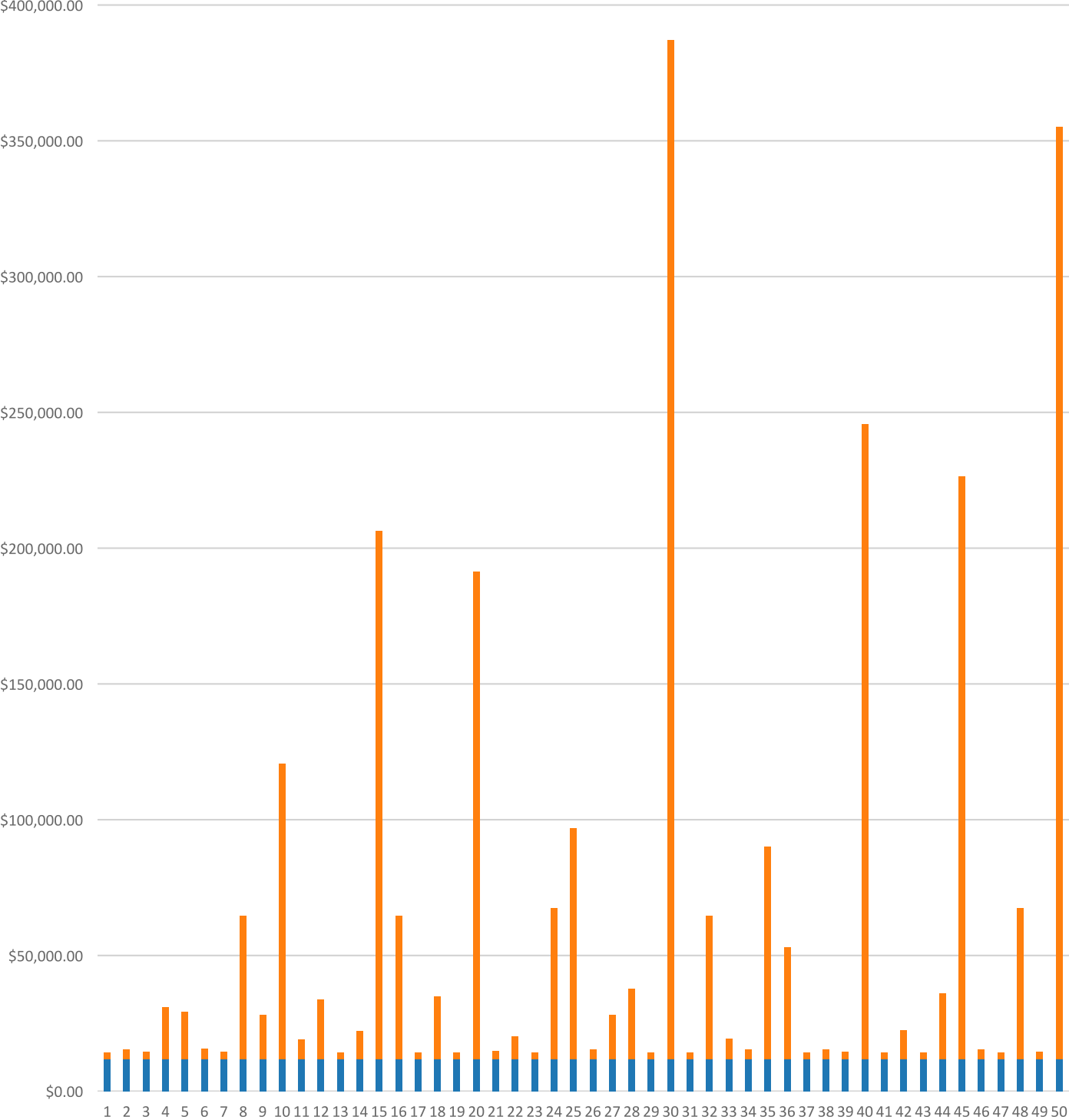


# FAC 1712 APPLIED INSTRUCTION BUILDING

## Modeled Component List CostWorks Release 2023 Qtr 4

B30 Roofing	
Metal Steep Roofing	140.0 Sq.
C30 Interior Finishes	
Drywall	9200.0 S.F.
Fabric Interior Wall Finish	313.4 S.Y.
Concrete, Finished	19.5 C.S.F.
Vinyl	54.0 S.Y.
Carpet	540.0 S.Y.
D20 Plumbing	
Sink, Iron Enamel	2.0 Ea.
Emergency Shower Station	1.0 Ea.
Emergency Eye Wash	1.0 Ea.
Steam Converter, Domestic Hot Water	1.0 Ea.
Tankless Water Closet	16.0 Ea.
Urinal	6.0 Ea.
Lavatory, Vitreous China	12.0 Ea.
Drain: Roof, Scupper, Area	8.0 Ea.
D30 HVAC	
Central Station Air Conditioning Air Handling Unit, 16,000 CFM	1.0 Ea.
Fan Coil, 1 ton	4.0 Ea.
Exhaust Fan, roof mounted exhaust fan, 8500 CFM exhaust	1.0 Ea.
Circulator Pump, 1/12 - 3/4 H.P.	1.0 Ea.
Circulator Pump, 1 H.P.	1.0 Ea.
D40 Fire Protection	
Sprinkler System, Fire Suppression, sprinkler head	60.0 Ea.
D50 Electrical	
Motor Starter, Up To 600 V	2.0 Ea.
Load Center, 100 A, maintenance & inspection	4.0 Ea.
Circuit Breaker, molded case, 240 V, 1 pole	15.0 Ea.
Fire Alarm Control Panel	1.0 Ea.
Fire Alarm Bell	4.0 Ea.
Emergency Lighting Fixture	6.0 Ea.
Master Clock Control	1.0 Ea.
Smoke Detector	15.0 Ea.
Manual Pull Station	6.0 Ea.
C10 Interior Construction	
Concrete Block, Painted	42.12 C.S.F.
Fully Glazed Wooden Doors	1.0 Ea.
Steel Painted Interior Doors	9.0 Ea.
Solid Core Interior Doors	15.0 Ea.
Fire Doors, Swinging, annualized	6.0 Each
B20 Exterior Enclosure	
Aluminum Window, Fixed, 1st floor	88.0 Ea.
Glazed Aluminum	4.0 Ea.
Steel, Painted	4.0 Ea.
Steel, Painted, w/ wire glass	1.0 Ea.
Steel Double, Roll-Up	2.0 Ea.

FAC 1712 APPLIED INSTRUCTION BUILDING  
Sustainment by Year  
CostWorks Release 2023 Qtr 4



PM Cost  
MR Cost