

FAC 2171 ELECTRONIC AND COMMUNICATION MAINTENANCE SHOP

FY22 SUC: \$4.54 / SF
Source: Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 2171 ELECTRONIC AND COMMUNICATION MAINTENANCE SHOP SUC \$4.54

Release 2021 Qtr 3

UM SF

Zip Code Prefix 222

Design Life 50

Type MR

Average Size 8244.0

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	1,000.00 S.F.	\$24,214.82	\$29,623.23	2.0000	2	2	\$59,246.46	\$59,246.46
Replace 8" concrete block wall, 1st floor	60	34.36 C.S.F.	\$40,745.96	\$49,242.27	0.8333	0	0	\$0.00	\$0.00
Replace glass - 2nd floor (1% of glass) - steel frame window	1	1.80 S.F.	\$191.15	\$235.93	50.0000	50	50	\$11,796.35	\$11,796.35
Finish new 3'-9" x 5'-5" steel frame window - 2nd floor.	45	9.00 Ea.	\$1,238.52	\$1,537.98	1.1111	1	1	\$1,537.98	\$1,537.98
Repair steel, painted, door	14	4.00 Ea.	\$2,500.30	\$2,976.02	3.5714	3	3	\$8,928.07	\$8,928.07
Refinish 3'-0" x 7'-0" steel, painted, door	4	4.00 Ea.	\$165.60	\$203.46	12.5000	12	12	\$2,441.58	\$2,441.58
Replace 3'-0" x 7'-0" steel, painted, door	45	4.00 Ea.	\$2,820.26	\$3,278.92	1.1111	1	1	\$3,278.92	\$3,278.92
Refinish 12' x 24' steel double roll-up door	5	1.00 Ea.	\$407.86	\$499.58	10.0000	10	10	\$4,995.77	\$4,995.77
Replace 12' x 24' steel double roll-up door	35	1.00 Ea.	\$5,407.17	\$6,417.73	1.4286	1	1	\$6,417.73	\$6,417.73
Total EPDM roof replacement	25	83.80 Sq.	\$50,653.33	\$60,084.12	2.0000	2	2	\$120,168.24	\$120,168.24
Repair 8" concrete block wall - (2% of walls) painted	25	1.30 C.S.F.	\$1,416.55	\$1,700.86	2.0000	2	2	\$3,401.72	\$3,401.72
Refinish concrete block wall painted	4	63.60 C.S.F.	\$6,418.43	\$7,815.69	12.5000	12	12	\$93,788.27	\$93,788.27
Replace insulating glass (3% of glass) fully glazed wooden doors	1	0.10 S.F.	\$5.66	\$6.58	50.0000	50	50	\$328.92	\$328.92
Repair fully glazed wood door	10	2.00 Ea.	\$586.90	\$683.13	5.0000	5	5	\$3,415.64	\$3,415.64
Refinish 3'-0" x 7'-0" fully glazed wood door	4	2.00 Ea.	\$140.71	\$174.38	12.5000	12	12	\$2,092.51	\$2,092.51
Replace 3'-0" x 7'-0" fully glazed wood door	40	2.00 Ea.	\$2,277.72	\$2,647.81	1.2500	1	1	\$2,647.81	\$2,647.81
Repair steel painted interior door	14	10.00 Ea.	\$2,934.52	\$3,415.64	3.5714	3	3	\$10,246.92	\$10,246.92
Refinish 3'-0" x 7'-0" steel painted interior door	4	10.00 Ea.	\$525.85	\$647.86	12.5000	12	12	\$7,774.36	\$7,774.36
Replace 3'-0" x 7'-0" steel painted interior door	60	10.00 Ea.	\$12,180.34	\$14,120.83	0.8333	0	0	\$0.00	\$0.00
Repair concrete steps	15	36.00 S.F.	\$822.60	\$952.22	3.3333	3	3	\$2,856.67	\$2,856.67
Replace concrete steps	100	36.00 S.F.	\$1,924.52	\$2,346.92	0.5000	0	0	\$0.00	\$0.00
Refinish metal stair railing, interior	7	23.00 S.F.	\$33.62	\$41.45	7.1429	7	7	\$290.13	\$290.13
Replace metal stair railing, interior	45	23.00 L.F.	\$987.98	\$1,156.44	1.1111	1	1	\$1,156.44	\$1,156.44
Refinish concrete floor finished	25	65.40 C.S.F.	\$27,587.51	\$33,136.89	2.0000	2	2	\$66,273.78	\$66,273.78
Acoustic tile repairs - (2% of ceilings)	9	0.30 C.S.F.	\$272.31	\$316.48	5.5556	5	5	\$1,582.38	\$1,582.38
Replace flush valve diaphragm tankless water closet	10	4.00 Ea.	\$104.88	\$130.14	5.0000	5	5	\$650.72	\$650.72
Rebuild flush valve tankless water closet	20	4.00 Ea.	\$721.74	\$869.83	2.5000	2	2	\$1,739.66	\$1,739.66
Unplug clogged line tankless water closet	5	4.00 Ea.	\$873.58	\$1,092.51	10.0000	10	10	\$10,925.07	\$10,925.07
Replace tankless water closet	35	4.00 Ea.	\$5,144.88	\$5,953.98	1.4286	1	1	\$5,953.98	\$5,953.98
Replace tankless flush valve	25	4.00 Ea.	\$1,008.86	\$1,184.44	2.0000	2	2	\$2,368.88	\$2,368.88

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Replace wax ring gasket for tankless water closet	5	4.00 Ea.	\$566.08	\$707.31	10.0000	10	10	\$7,073.06	\$7,073.06
Replace stainless steel detention water closet flush valve actuator	20	4.00 Ea.	\$1,559.39	\$1,806.97	2.5000	2	2	\$3,613.95	\$3,613.95
Replace stainless steel detention water closet flush valve	20	4.00 Ea.	\$4,078.00	\$4,665.79	2.5000	2	2	\$9,331.57	\$9,331.57
Replace flush valve diaphragm for a urinal	7	3.00 Ea.	\$78.66	\$97.61	7.1429	7	7	\$683.25	\$683.25
Rebuild flush valve for a urinal	20	3.00 Ea.	\$541.30	\$652.37	2.5000	2	2	\$1,304.74	\$1,304.74
Unplug line urinal	5	3.00 Ea.	\$435.22	\$544.28	10.0000	10	10	\$5,442.84	\$5,442.84
Replace wall-hung urinal	35	3.00 Ea.	\$2,906.59	\$3,507.32	1.4286	1	1	\$3,507.32	\$3,507.32
Replace washer in spud connection lavatory, vitreous china	7	6.00 Ea.	\$98.78	\$120.48	7.1429	7	7	\$843.36	\$843.36
Replace washer in faucet lavatory, vitreous china	2	6.00 Ea.	\$77.31	\$96.31	25.0000	25	25	\$2,407.77	\$2,407.77
Replace faucets lavatory, vitreous china	10	6.00 Ea.	\$1,090.36	\$1,312.53	5.0000	5	5	\$6,562.66	\$6,562.66
Clean out strainer and P trap lavatory, vitreous china	2	6.00 Ea.	\$209.22	\$261.65	25.0000	25	25	\$6,541.19	\$6,541.19
Replace lavatory, vitreous china	35	6.00 Ea.	\$4,035.45	\$4,849.33	1.4286	1	1	\$4,849.33	\$4,849.33
Inspect / clean shower head fiberglass	3	4.00 Ea.	\$197.57	\$247.08	16.6667	16	16	\$3,953.35	\$3,953.35
Replace mixing valve barrel shower, fiberglass	2	4.00 Ea.	\$1,130.36	\$1,329.28	25.0000	25	25	\$33,231.94	\$33,231.94
Replace mixing valve shower, fiberglass	10	4.00 Ea.	\$1,103.53	\$1,342.22	5.0000	5	5	\$6,711.10	\$6,711.10
Replace shower and fittings, fiberglass	20	4.00 Ea.	\$3,866.55	\$4,624.64	2.5000	2	2	\$9,249.28	\$9,249.28
Check / minor repairs drinking fountain	1	4.00 Ea.	\$195.53	\$244.53	50.0000	50	50	\$12,226.52	\$12,226.52
Repair internal leaks drinking fountain	4	4.00 Ea.	\$180.32	\$225.51	12.5000	12	12	\$2,706.14	\$2,706.14
Correct water pressure drinking fountain	2	4.00 Ea.	\$167.29	\$209.21	25.0000	25	25	\$5,230.23	\$5,230.23
Replace refrigerant drinking fountain	2	4.00 Ea.	\$130.73	\$153.08	25.0000	25	25	\$3,826.92	\$3,826.92
Repair drain leak drinking fountain	4	4.00 Ea.	\$135.66	\$162.14	12.5000	12	10	\$1,945.66	\$1,621.39
Replace fountain drinking fountain	10	4.00 Ea.	\$5,124.62	\$6,058.24	5.0000	5	5	\$30,291.18	\$30,291.18
Inspect and clean spray heads, emergency eye wash	3	1.00 Ea.	\$49.39	\$61.77	16.6667	16	16	\$988.34	\$988.34
Replace eye wash station, emergency eye wash	25	1.00 Ea.	\$1,114.34	\$1,325.00	2.0000	2	2	\$2,649.99	\$2,649.99
Overhaul water heater, gas / oil, 70 gallon	5	1.00 Ea.	\$163.70	\$204.73	10.0000	10	10	\$2,047.26	\$2,047.26
Clean & service water heater, gas / oil, 70 gallon	1	1.00 Ea.	\$196.62	\$245.89	50.0000	50	50	\$12,294.44	\$12,294.44
Replace water heater, gas / oil, 70 gallon	12	1.00 Ea.	\$3,315.17	\$3,847.40	4.1667	4	4	\$15,389.62	\$15,389.62
Unclog floor drain, PVC	20	1.00 Ea.	\$47.80	\$59.77	2.5000	2	2	\$119.55	\$119.55
General maintenance & repair drain: roof, scupper, area	1	2.00 Ea.	\$73.98	\$92.51	50.0000	50	50	\$4,625.70	\$4,625.70
Replace drain: roof, scupper, area	40	2.00 Ea.	\$1,573.86	\$1,824.72	1.2500	1	1	\$1,824.72	\$1,824.72
Repair boiler, gas, 250 MBH	7	1.00 Ea.	\$2,031.05	\$2,390.45	7.1429	7	7	\$16,733.15	\$16,733.15
Replace boiler, gas, 250 MBH	30	1.00 Ea.	\$9,398.04	\$11,210.13	1.6667	1	1	\$11,210.13	\$11,210.13

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Repair circulator pump, 1/12 - 3/4 H.P.	5	1.00 Ea.	\$98.13	\$115.73	10.0000	10	7	\$1,157.31	\$810.12
Replace circulator pump, 1/12 - 3/4 H.P.	15	1.00 Ea.	\$3,822.30	\$4,402.23	3.3333	3	3	\$13,206.68	\$13,206.68
Repair terminal reheat, 12" x 24" coil	10	4.00 Ea.	\$356.30	\$445.59	5.0000	5	4	\$2,227.94	\$1,782.35
Replace terminal reheat, 12" x 24" coil	15	4.00 Ea.	\$7,029.84	\$8,067.38	3.3333	3	3	\$24,202.15	\$24,202.15
Repair single zone rooftop unit, 25 ton	10	1.00 Ea.	\$47,397.42	\$54,623.55	5.0000	5	4	\$273,117.75	\$218,494.20
Replace single zone rooftop unit, 25 ton	15	1.00 Ea.	\$51,343.17	\$59,585.52	3.3333	3	3	\$178,756.56	\$178,756.56
Repair central station A.H.U., 8000 CFM	10	1.00 Ea.	\$1,302.07	\$1,515.31	5.0000	5	4	\$7,576.53	\$6,061.23
Replace central station A.H.U., 8000 CFM	15	1.00 Ea.	\$36,431.80	\$42,017.17	3.3333	3	3	\$126,051.52	\$126,051.52
Rebuild 4" diameter reduced pressure backflow preventer	10	1.00 Ea.	\$664.67	\$779.78	5.0000	5	5	\$3,898.92	\$3,898.92
Inspect sprinkler system	1	1.00 Ea.	\$34.33	\$42.93	50.0000	50	50	\$2,146.43	\$2,146.43
Replace sprinkler head	20	40.00 Ea.	\$3,420.91	\$4,207.58	2.5000	2	2	\$8,415.16	\$8,415.16
Maintenance and repair motor starter, up to 600 V	5	2.00 Ea.	\$559.28	\$675.20	10.0000	10	10	\$6,751.96	\$6,751.96
Replace starter motor starter, up to 600 V	18	2.00 Ea.	\$1,610.62	\$1,916.15	2.7778	2	2	\$3,832.30	\$3,832.30
Maintenance and inspection lighting panel, indoor	3	2.00 Ea.	\$81.29	\$101.84	16.6667	16	16	\$1,629.49	\$1,629.49
Replace load center, 100 A	20	2.00 Ea.	\$2,188.33	\$2,673.75	2.5000	2	2	\$5,347.50	\$5,347.50
Maintenance and repair breaker, molded case, 480 V, 1 pole	20	42.00 Ea.	\$3,014.03	\$3,776.15	2.5000	2	2	\$7,552.29	\$7,552.29
Maintenance and repair safety switch general, 2 pole	8	1.00 Ea.	\$40.64	\$50.92	6.2500	6	6	\$305.53	\$305.53
Maintenance and inspection safety switch, 2 pole	1	1.00 Ea.	\$40.64	\$50.92	50.0000	50	50	\$2,546.07	\$2,546.07
Replace safety switch, 240 V, 2 pole	25	1.00 Ea.	\$391.60	\$477.36	2.0000	2	2	\$954.72	\$954.72
Replace fluorescent light fixture ballast, 80 W	10	85.00 Ea.	\$10,596.82	\$12,855.17	5.0000	5	5	\$64,275.83	\$64,275.83
Replace lamps (2 lamps), 4', 34 W energy saver	10	85.00 Ea.	\$2,143.19	\$2,684.21	5.0000	5	5	\$13,421.05	\$13,421.05
Repair smoke detector	10	8.00 Ea.	\$451.10	\$557.71	5.0000	5	4	\$2,788.56	\$2,230.85
Check operation smoke detector	1	8.00 Ea.	\$129.55	\$162.31	50.0000	50	50	\$8,115.61	\$8,115.61
Replace smoke detector	15	8.00 Ea.	\$2,273.90	\$2,715.70	3.3333	3	3	\$8,147.09	\$8,147.09
Repair heat detector	10	8.00 Ea.	\$491.02	\$603.08	5.0000	5	5	\$3,015.38	\$3,015.38
Check operation heat detector	1	8.00 Ea.	\$129.55	\$162.31	50.0000	50	50	\$8,115.61	\$8,115.61
Replace heat detector	15	8.00 Ea.	\$1,367.71	\$1,672.33	3.3333	3	3	\$5,016.98	\$5,016.98
Check and repair manual pull station	10	4.00 Ea.	\$350.79	\$431.32	5.0000	5	4	\$2,156.61	\$1,725.28
Replace manual pull station	15	4.00 Ea.	\$813.87	\$979.76	3.3333	3	3	\$2,939.29	\$2,939.29
Minor repairs to fire alarm control panel	5	1.00 Ea.	\$149.71	\$182.27	10.0000	10	10	\$1,822.75	\$1,822.75
Maintenance and inspection fire alarm control panel	0.5	1.00 Ea.	\$43.18	\$54.10	100.0000	100	100	\$5,410.41	\$5,410.41
Replace fire alarm control panel	15	1.00 Ea.	\$1,953.46	\$2,391.92	3.3333	3	3	\$7,175.76	\$7,175.76
Minor repairs to annunciation panel	5	1.00 Ea.	\$149.71	\$182.27	10.0000	10	10	\$1,822.75	\$1,822.75
Maintenance and inspection annunciation panel	0.5	1.00 Ea.	\$43.18	\$54.10	100.0000	100	100	\$5,410.41	\$5,410.41

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost	
Replace annunciation panel	15	1.00 Ea.	\$1,126.52	\$1,354.55	3.3333	3	3	\$4,063.66	\$4,063.66	
Replace fire alarm bell, 6"	20	8.00 Ea.	\$1,559.70	\$1,882.20	2.5000	2	2	\$3,764.41	\$3,764.41	
Maintenance and repair electrical service ground	25	1.00 M.L.F.	\$87.89	\$109.79	2.0000	2	2	\$219.57	\$219.57	
Replace electrical service ground	50	1.00 M.L.F.	\$3,767.30	\$4,634.72	1.0000	1	1	\$4,634.72	\$4,634.72	
Maintenance and repair building structure ground	7	1.00 M.L.F.	\$87.89	\$109.79	7.1429	7	7	\$768.51	\$768.51	
Replace building structure ground	50	1.00 M.L.F.	\$4,337.42	\$5,318.61	1.0000	1	1	\$5,318.61	\$5,318.61	
Maintenance and repair of general wiring lightning protection system	1	1.00 M.L.F.	\$96.72	\$119.83	50.0000	50	50	\$5,991.33	\$5,991.33	
Maintenance and repair lightning ground rod	1	1.00 Ea.	\$87.89	\$109.79	50.0000	50	48	\$5,489.36	\$5,269.78	
Replace lightning ground rod	25	1.00 Ea.	\$226.09	\$280.29	2.0000	2	2	\$560.58	\$560.58	
Maintenance and repair computer ground system	4	1.00 Ea.	\$21.59	\$27.05	12.5000	12	12	\$324.62	\$324.62	
Replace computer ground system	50	1.00 M.L.F.	\$1,865.81	\$2,278.85	1.0000	1	1	\$2,278.85	\$2,278.85	
Replace lamp emergency lighting fixture	2	16.00 Ea.	\$875.03	\$1,054.01	25.0000	25	25	\$26,350.26	\$26,350.26	
Maintenance and repair exit light	20	16.00 Ea.	\$595.23	\$736.05	2.5000	2	2	\$1,472.10	\$1,472.10	
Replace lamp exit light	5	16.00 Ea.	\$269.54	\$319.42	10.0000	10	10	\$3,194.15	\$3,194.15	
			\$436,105.34	\$516,522.14				MR Subtotal	\$1,480,998.33	
									MR Per Year	\$29,572.16
									PM Total	\$7,820.10
									Subtotal	\$37,392.26
									Total Per Unit	\$4.54

SUC \$4.54

UM SF

Design Life 50

Average Size 8244.0

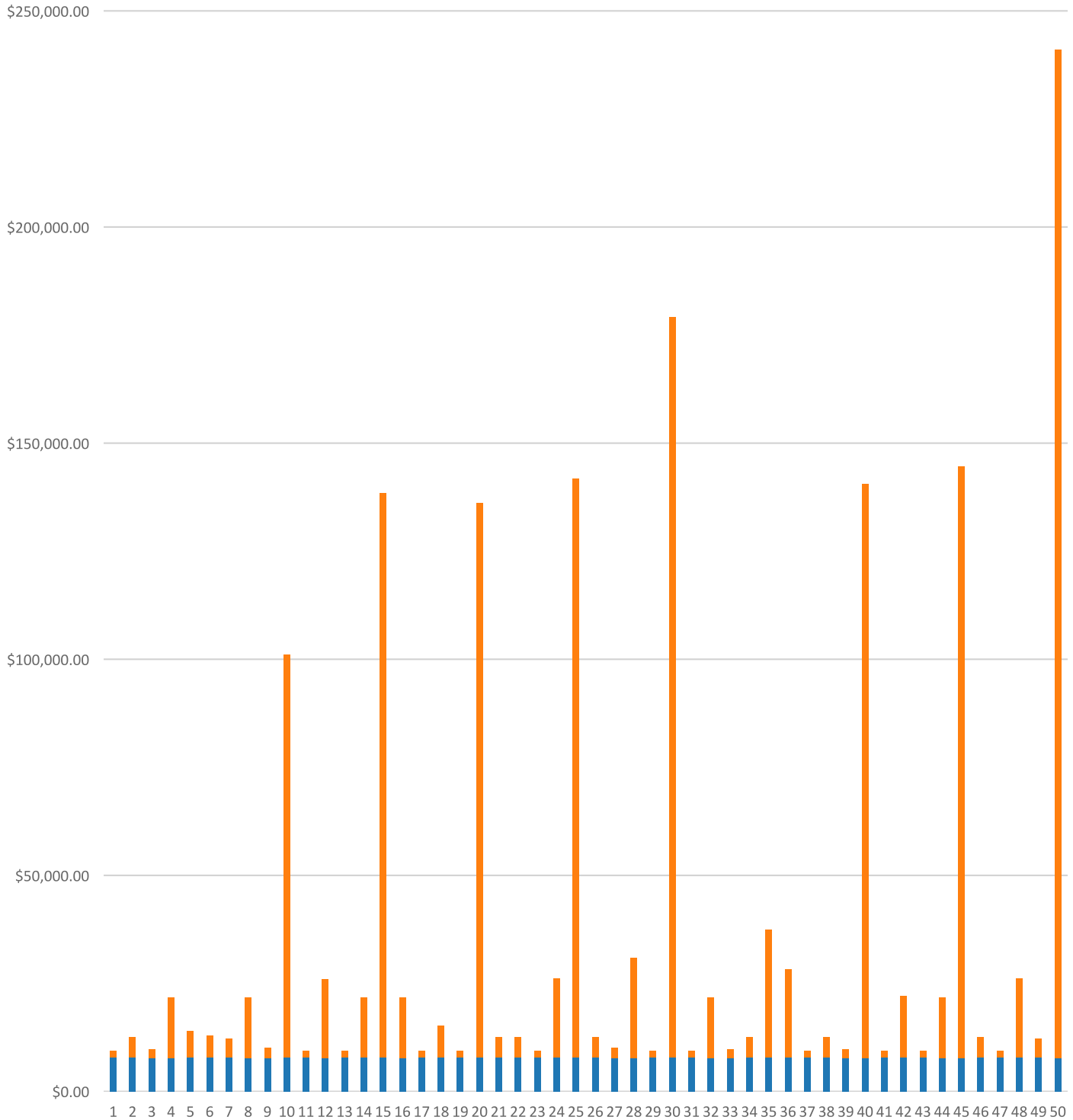
Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Water heater, gas, to 120 gal., annualized	1.00	1.72	\$58.64	\$86.78	\$0.00	\$145.42	\$177.31	\$212.14
Boiler, hot water, oil, gas, or comb. fired, 120 - 500 MBH, annualized	1.00	15.88	\$77.34	\$947.08	\$0.00	\$1,024.42	\$1,316.27	\$1,612.00
Air handling unit, 25 thru 50 tons, annualized	1.00	1.94	\$379.12	\$97.79	\$0.00	\$476.92	\$544.17	\$630.37
Air filter, electrostatic, annualized	1.00	7.60	\$10.16	\$383.24	\$0.00	\$393.40	\$509.38	\$625.88
Package unit, air cooled, 3 thru 24 ton, annualized	1.00	2.40	\$176.92	\$144.48	\$0.00	\$321.41	\$382.45	\$452.33
Backflow prevention device, up to 4", annualized	1.00	0.33	\$13.40	\$19.82	\$0.00	\$33.22	\$40.50	\$48.46
Extinguishing system, dry pipe, annualized	1.00	13.02	\$122.33	\$775.28	\$0.00	\$897.61	\$1,142.43	\$1,393.36
Extinguishing system, FM200, annualized	1.00	9.26	\$611.65	\$462.52	\$0.00	\$1,074.18	\$1,274.10	\$1,504.61
Panelboard, 225 A and above, annualized	2.00	0.88	\$46.39	\$58.02	\$0.00	\$104.41	\$126.46	\$150.82
Door, emergency egress, swinging, annualized	2.00	0.52	\$29.18	\$21.50	\$0.00	\$50.68	\$60.05	\$70.88
Door, overhead, manual, up to 24' high x 25' wide, annualized	1.00	2.20	\$11.88	\$90.84	\$0.00	\$102.72	\$131.16	\$160.19
Fire doors, swinging, annualized	2.00	0.78	\$28.64	\$29.12	\$0.00	\$57.76	\$69.36	\$82.39
Urinals, annualized	3.00	0.68	\$18.96	\$34.36	\$0.00	\$53.32	\$65.52	\$78.67
Toilet (vacuum breaker type), annualized	4.00	0.71	\$33.77	\$35.59	\$0.00	\$69.36	\$83.41	\$99.16
Lavatories, annualized	6.00	2.09	\$35.79	\$124.22	\$0.00	\$160.01	\$200.86	\$243.49
Showers, annualized	4.00	0.91	\$51.56	\$54.45	\$0.00	\$106.01	\$127.50	\$151.56
Drink fountain, annualized	4.00	2.48	\$82.90	\$125.10	\$0.00	\$208.00	\$253.82	\$303.79
						\$5,278.83	\$6,504.75	\$7,820.10

FAC 2171 ELECTRONIC AND COMMUNICATION MAINTENANCE SHOP

Modeled Component List CostWorks Release 2021 Qtr 3

B20 Exterior Enclosure	
Concrete Block, 1st floor	34.36 C.S.F.
Steel, Painted	4.0 Ea.
Steel Double, Roll-Up	1.0 Ea.
B30 Roofing	
EPDM Roof	83.8 Sq.
C10 Interior Construction	
Concrete Block, Painted	63.6 C.S.F.
Fully Glazed Wooden Doors	2.0 Ea.
Steel Painted Interior Doors	10.0 Ea.
Fire Doors, Swinging, annualized	2.0 Each
C20 Stairs	
Concrete Steps	36.0 S.F.
Metal Interior Stair Railing	23.0 L.F.
C30 Interior Finishes	
Concrete, Finished	65.4 C.S.F.
D20 Plumbing	
Tankless Water Closet	4.0 Ea.
Urinal	3.0 Ea.
Lavatory, Vitreous China	6.0 Ea.
Shower, Fiberglass	4.0 Ea.
Drinking Fountain	4.0 Ea.
Emergency Eye Wash	1.0 Ea.
Water Heater, Gas / Oil, 70 Gallon	1.0 Ea.
Drain: Roof, Scupper, Area	2.0 Ea.
D30 HVAC	
Boiler, Gas, 250 MBH	1.0 Ea.
Circulator Pump, 1/12 - 3/4 H.P.	1.0 Ea.
Terminal Reheat Coil, 12" x 24"	4.0 Ea.
Single Zone Air Conditioner, 25 ton	1.0 Ea.
Central Station Air Conditioning Air Handling Unit, 8000 CFM	1.0 Ea.
D40 Fire Protection	
Backflow Preventer	1.0 Ea.
Sprinkler System, Fire Suppression, sprinkler head	40.0 Ea.
Extinguishing system, dry pipe, annualized	1.0 Each
Extinguishing system, FM200	1.0 Each
D50 Electrical	
Motor Starter, Up To 600 V	2.0 Ea.
Load Center, 100 A, maintenance & inspection	2.0 Ea.
Load Center, 100 A, replacement	2.0 Ea.
Safety Switch, General Duty, 240 V, 2 pole	1.0 Ea.
Smoke Detector	8.0 Ea.
Heat Detector	8.0 Ea.
Manual Pull Station	4.0 Ea.
Fire Alarm Control Panel	1.0 Ea.
Annunciation Panel	1.0 Ea.
Fire Alarm Bell	8.0 Ea.
Electrical Service Ground	1.0 M.L.F.
Building Structure Ground	1.0 M.L.F.
Lightning Ground Rod	1.0 Ea.
Computer Ground System	1.0 M.L.F.

FAC 2171 ELECTRONIC AND COMMUNICATION MAINTENANCE SHOP
Sustainment by Year
CostWorks Release 2021 Qtr 3



PM Cost
MR Cost