

FAC 2134 MARINE MAINTENANCE SUPPORT FACILITY

FY22 SUC: \$4.65 / SF
Source: Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 2134 MARINE MAINTENANCE SUPPORT FACILITY

SUC \$4.65

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM SF
Design Life 50
Average Size 15784.0

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
Minor repairs to concrete floor unfinished	15	1,150.00 S.F.	\$45,296.70	\$54,939.81	3.3333	3	3	\$164,819.43	\$164,819.43
Repair metal stairs	15	350.00 S.F.	\$35,254.08	\$40,561.28	3.3333	3	3	\$121,683.85	\$121,683.85
Refinish metal hand rail	7	45.00 L.F.	\$92.83	\$114.42	7.1429	7	7	\$800.97	\$800.97
Point and refinish painted concrete block wall, 1st floor	25	54.00 C.S.F.	\$25,367.96	\$31,309.48	2.0000	2	2	\$62,618.96	\$62,618.96
Point and refinish painted concrete block wall, 2nd floor	25	54.00 C.S.F.	\$29,715.50	\$36,696.14	2.0000	2	2	\$73,392.28	\$73,392.28
Replace aluminum siding, 1st floor	35	54.00 C.S.F.	\$31,554.66	\$37,998.33	1.4286	1	1	\$37,998.33	\$37,998.33
Refinish aluminum siding, 1st floor	20	54.00 C.S.F.	\$9,776.02	\$12,065.42	2.5000	2	2	\$24,130.85	\$24,130.85
Refinish steel louver, 1st floor	5	4.00 Ea.	\$388.15	\$481.62	10.0000	10	10	\$4,816.23	\$4,816.23
Replace steel louver, 1st floor	40	4.00 Ea.	\$1,941.26	\$2,282.40	1.2500	1	1	\$2,282.40	\$2,282.40
Refinish steel louver, 2nd floor	5	4.00 Ea.	\$550.04	\$682.94	10.0000	10	10	\$6,829.43	\$6,829.43
Replace steel louver, 2nd floor	40	4.00 Ea.	\$2,127.59	\$2,513.79	1.2500	1	1	\$2,513.79	\$2,513.79
Replace glass - 2nd floor (1% of glass) - steel frame window	1	1.68 S.F.	\$178.41	\$220.20	50.0000	50	50	\$11,009.93	\$11,009.93
Repair 2'-0" x 3'-0" steel frame window - 2nd floor.	20	24.00 Ea.	\$4,591.67	\$5,530.94	2.5000	2	2	\$11,061.88	\$11,061.88
Refinish 2'-0" x 3'-0" steel frame window - 2nd floor.	5	24.00 Ea.	\$3,557.13	\$4,417.65	10.0000	10	10	\$44,176.50	\$44,176.50
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	2.20 S.F.	\$26.53	\$31.18	50.0000	50	50	\$1,558.88	\$1,558.88
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	24.00 Ea.	\$3,473.68	\$4,142.61	2.5000	2	2	\$8,285.23	\$8,285.23
Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	24.00 Ea.	\$11,715.16	\$13,884.58	1.0000	1	1	\$13,884.58	\$13,884.58
Refinish 12' x 24' steel double roll-up door	5	2.00 Ea.	\$815.72	\$999.15	10.0000	10	10	\$9,991.53	\$9,991.53
Replace 12' x 24' steel double roll-up door	35	2.00 Ea.	\$10,814.33	\$12,835.47	1.4286	1	1	\$12,835.47	\$12,835.47
Metal roof flashing replacement, 2 SF/sq repaired, metal panel roofing	1	6.00 S.F.	\$109.80	\$133.03	50.0000	50	50	\$6,651.74	\$6,651.74
Minor metal roof panel replacement, 2.5% of roof area	20	1,395.00 S.F.	\$15,941.51	\$18,933.05	2.5000	2	2	\$37,866.10	\$37,866.10
Total metal roof panel replacement	30	70.00 Sq.	\$59,160.26	\$70,071.14	1.6667	1	1	\$70,071.14	\$70,071.14
Replace insulating glass (3% of glass) fully glazed wooden doors	1	1.26 S.F.	\$71.30	\$82.89	50.0000	50	50	\$4,144.35	\$4,144.35
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	11.00 Ea.	\$3,227.97	\$3,757.20	3.5714	3	3	\$11,271.61	\$11,271.61
Refinish 3'-0" x 7'-0" steel painted interior door	4	11.00 Ea.	\$578.44	\$712.65	12.5000	12	12	\$8,551.80	\$8,551.80
Repair solid core wood door, interior	11	2.00 Ea.	\$586.90	\$683.13	4.5455	4	4	\$2,732.51	\$2,732.51

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Refinish 3'-0" x 7'-0" solid core wood door, interior	4	2.00 Ea.	\$86.73	\$106.50	12.5000	12	11	\$1,277.99	\$1,171.49
Replace 3'-0" x 7'-0" solid core wood door, interior	40	2.00 Ea.	\$978.85	\$1,131.62	1.2500	1	1	\$1,131.62	\$1,131.62
Replace toilet partitions, painted metal-overhead braced, per stall	20	6.00 Ea.	\$3,767.29	\$4,433.46	2.5000	2	2	\$8,866.91	\$8,866.91
Repair masonry steps, painted	20	360.00 S.F.	\$6,655.96	\$8,048.28	2.5000	2	2	\$16,096.56	\$16,096.56
Refinish wood stair railing, interior	7	40.00 L.F.	\$82.82	\$102.66	7.1429	7	7	\$718.62	\$718.62
Repair 5/8" drywall - (2% of walls)	20	14.66 S.F.	\$24.56	\$29.88	2.5000	2	2	\$59.77	\$59.77
Refinish drywall	4	7,700.00 S.F.	\$4,781.56	\$5,882.11	12.5000	12	12	\$70,585.30	\$70,585.30
Refinish concrete floor finished	25	70.00 C.S.F.	\$29,527.91	\$35,467.62	2.0000	2	2	\$70,935.24	\$70,935.24
Replace vinyl sheet flooring	18	780.00 S.Y.	\$71,226.40	\$85,270.09	2.7778	2	2	\$170,540.18	\$170,540.18
Replace carpet	8	630.00 S.Y.	\$34,660.30	\$40,028.25	6.2500	6	6	\$240,169.49	\$240,169.49
Acoustic tile repairs - (2% of ceilings)	9	2.00 C.S.F.	\$1,815.41	\$2,109.84	5.5556	5	5	\$10,549.21	\$10,549.21
Refinish acoustic tile ceiling and grid (occupied area)	5	30.00 C.S.F.	\$736.66	\$916.01	10.0000	10	10	\$9,160.13	\$9,160.13
Refinish acoustic tile ceiling, 12' to 24' high	5	30.00 C.S.F.	\$4,408.40	\$5,481.90	10.0000	10	10	\$54,819.01	\$54,819.01
Replace flush valve diaphragm tankless water closet	10	6.00 Ea.	\$157.32	\$195.22	5.0000	5	5	\$976.08	\$976.08
Rebuild flush valve tankless water closet	20	6.00 Ea.	\$1,082.60	\$1,304.74	2.5000	2	2	\$2,609.49	\$2,609.49
Unplug clogged line tankless water closet	5	6.00 Ea.	\$1,310.37	\$1,638.76	10.0000	10	10	\$16,387.61	\$16,387.61
Replace tankless water closet	35	6.00 Ea.	\$7,717.33	\$8,930.97	1.4286	1	1	\$8,930.97	\$8,930.97
Replace tankless flush valve	25	6.00 Ea.	\$1,513.29	\$1,776.66	2.0000	2	2	\$3,553.33	\$3,553.33
Replace wax ring gasket for tankless water closet	5	6.00 Ea.	\$849.12	\$1,060.96	10.0000	10	10	\$10,609.59	\$10,609.59
Replace flush valve diaphragm for a urinal	7	2.00 Ea.	\$52.44	\$65.07	7.1429	7	7	\$455.50	\$455.50
Rebuild flush valve for a urinal	20	2.00 Ea.	\$360.87	\$434.91	2.5000	2	2	\$869.83	\$869.83
Unplug line urinal	5	2.00 Ea.	\$290.14	\$362.86	10.0000	10	10	\$3,628.56	\$3,628.56
Replace wall-hung urinal	35	2.00 Ea.	\$1,937.73	\$2,338.21	1.4286	1	1	\$2,338.21	\$2,338.21
Replace washer in spud connection lavatory, vitreous china	7	7.00 Ea.	\$115.24	\$140.56	7.1429	7	7	\$983.92	\$983.92
Replace washer in faucet lavatory, vitreous china	2	7.00 Ea.	\$90.19	\$112.36	25.0000	25	25	\$2,809.07	\$2,809.07
Replace faucets lavatory, vitreous china	10	7.00 Ea.	\$1,272.08	\$1,531.29	5.0000	5	5	\$7,656.44	\$7,656.44
Clean out strainer and P trap lavatory, vitreous china	2	7.00 Ea.	\$244.09	\$305.26	25.0000	25	25	\$7,631.38	\$7,631.38
Replace lavatory, vitreous china	35	7.00 Ea.	\$4,708.02	\$5,657.55	1.4286	1	1	\$5,657.55	\$5,657.55
Replace faucet washer sink, iron enamel	2	1.00 Ea.	\$12.78	\$15.92	25.0000	25	25	\$397.90	\$397.90
Clean trap sink, iron enamel	3	1.00 Ea.	\$8.57	\$10.72	16.6667	16	16	\$171.50	\$171.50
Replace faucets sink, iron enamel	10	1.00 Ea.	\$181.73	\$218.76	5.0000	5	5	\$1,093.78	\$1,093.78
Unstop sink, iron enamel	2	1.00 Ea.	\$41.82	\$52.30	25.0000	25	25	\$1,307.56	\$1,307.56
Replace sink, P.E.C.I. sink, iron enamel kitchen	10	1.00 Ea.	\$636.70	\$757.51	5.0000	5	5	\$3,787.55	\$3,787.55
Inspect / clean shower head fiberglass	3	6.00 Ea.	\$296.36	\$370.63	16.6667	16	16	\$5,930.02	\$5,930.02
Replace mixing valve barrel shower, fiberglass	2	6.00 Ea.	\$1,695.54	\$1,993.92	25.0000	25	25	\$49,847.91	\$49,847.91

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Replace mixing valve shower, fiberglass	10	6.00 Ea.	\$1,655.29	\$2,013.33	5.0000	5	5	\$10,066.66	\$10,066.66
Replace shower and fittings, fiberglass	20	6.00 Ea.	\$5,799.83	\$6,936.96	2.5000	2	2	\$13,873.92	\$13,873.92
Check / minor repairs drinking fountain	1	1.00 Ea.	\$48.88	\$61.13	50.0000	50	50	\$3,056.63	\$3,056.63
Repair internal leaks drinking fountain	4	1.00 Ea.	\$45.08	\$56.38	12.5000	12	12	\$676.53	\$676.53
Correct water pressure drinking fountain	2	1.00 Ea.	\$41.82	\$52.30	25.0000	25	25	\$1,307.56	\$1,307.56
Replace refrigerant drinking fountain	2	1.00 Ea.	\$32.68	\$38.27	25.0000	25	25	\$956.73	\$956.73
Repair drain leak drinking fountain	4	1.00 Ea.	\$33.92	\$40.53	12.5000	12	10	\$486.42	\$405.35
Replace fountain drinking fountain	10	1.00 Ea.	\$1,281.16	\$1,514.56	5.0000	5	5	\$7,572.79	\$7,572.79
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
Remove old insulation & replace with new, pipe 3/4", wall 1"	15	16.00 L.F.	\$133.73	\$165.15	3.3333	3	3	\$495.46	\$495.46
Drain and flush water heater, electric, 120 gallon	7	1.00 Ea.	\$294.38	\$368.15	7.1429	7	7	\$2,577.08	\$2,577.08
Check operation water heater, electric, 120 gallon	3	1.00 Ea.	\$2.59	\$3.23	16.6667	16	16	\$51.73	\$51.73
Replace water heater, electric, 120 gallon	15	1.00 Ea.	\$14,632.58	\$16,736.89	3.3333	3	3	\$50,210.67	\$50,210.67
Unclog main drain pipe & fittings, cast iron	10	1.00 Ea.	\$46.17	\$57.74	5.0000	5	5	\$288.68	\$288.68
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
Check and adjust 10 H.P. compressor	1	1.00 Ea.	\$84.66	\$105.88	50.0000	50	50	\$5,294.08	\$5,294.08
Replace 10 H.P. compressor	25	1.00 Ea.	\$10,426.70	\$12,245.64	2.0000	2	2	\$24,491.29	\$24,491.29
Repair boiler, gas, 2000 MBH	7	1.00 Ea.	\$5,785.82	\$6,733.75	7.1429	7	7	\$47,136.22	\$47,136.22
Replace boiler, gas, 2000 MBH	30	1.00 Ea.	\$39,838.14	\$46,620.21	1.6667	1	1	\$46,620.21	\$46,620.21
Replace metal flue, all fuel SS, 6" diameter metal flue / chimney	15	1.00 L.F.	\$129.05	\$149.45	3.3333	3	3	\$448.36	\$448.36
Repair reciprocating chiller, air cooled, 50 ton	10	1.00 Ea.	\$57,771.66	\$67,630.76	5.0000	5	5	\$338,153.79	\$338,153.79
Replace chiller, air cooled, 50 ton	20	1.00 Ea.	\$64,270.84	\$74,812.79	2.5000	2	2	\$149,625.58	\$149,625.58
Replace fan & motor, propeller exhaust, 4700 CFM exhaust fan	15	1.00 Ea.	\$2,039.86	\$2,375.64	3.3333	3	3	\$7,126.93	\$7,126.93
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	70.00 Ea.	\$5,986.60	\$7,363.27	2.5000	2	2	\$14,726.53	\$14,726.53
Maintenance and repair motor starter, up to 600 V	5	3.00 Ea.	\$838.92	\$1,012.79	10.0000	10	10	\$10,127.94	\$10,127.94
Replace starter motor starter, up to 600 V	18	3.00 Ea.	\$2,415.93	\$2,874.22	2.7778	2	2	\$5,748.45	\$5,748.45
Maintenance and inspection lighting panel, indoor	3	1.00 Ea.	\$40.64	\$50.92	16.6667	16	16	\$814.74	\$814.74

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 breaker, molded case, 480 V, 1 pole	20	12.00 Ea.	\$861.15	\$1,078.90	2.5000	2	2	\$2,157.80	\$2,157.80	
Replace circuit breaker molded case, 480 V, 1 pole circuit breaker	50	12.00 Ea.	\$6,579.47	\$7,664.46	1.0000	1	1	\$7,664.46	\$7,664.46	
Maintenance and repair breaker, molded case, 480 V, 2 pole	20	12.00 Ea.	\$861.15	\$1,078.90	2.5000	2	2	\$2,157.80	\$2,157.80	
Replace circuit breaker molded case, 480 V, 2 pole circuit breaker	50	12.00 Ea.	\$15,135.27	\$17,456.21	1.0000	1	1	\$17,456.21	\$17,456.21	
Replace safety switch, heavy duty 30 A	25	4.00 Ea.	\$2,305.39	\$2,761.76	2.0000	2	2	\$5,523.51	\$5,523.51	
Replace receptacle/plug receptacles and plugs	20	134.00 Ea.	\$9,642.05	\$11,885.35	2.5000	2	2	\$23,770.70	\$23,770.70	
Repair 4-pin receptacle cover	10	26.00 Ea.	\$1,522.34	\$1,879.96	5.0000	5	5	\$9,399.79	\$9,399.79	
Replace 4-pin receptacle	20	26.00 Ea.	\$3,802.52	\$4,520.12	2.5000	2	2	\$9,040.24	\$9,040.24	
Maintenance and repair wiring devices, switches	10	124.00 Ea.	\$5,238.19	\$6,539.59	5.0000	5	5	\$32,697.94	\$32,697.94	
Replace wiring devices, switches	15	124.00 Ea.	\$8,106.85	\$10,071.51	3.3333	3	3	\$30,214.54	\$30,214.54	
Maintenance and repair incandescent lighting fixtures	10	78.00 Ea.	\$5,371.52	\$6,394.83	5.0000	5	3	\$31,974.16	\$19,184.50	
Replace incandescent lighting fixture lamp	5	78.00 Ea.	\$895.61	\$1,081.68	10.0000	10	10	\$10,816.79	\$10,816.79	
Replace incandescent lighting fixture	20	78.00 Ea.	\$10,955.84	\$13,241.75	2.5000	2	2	\$26,483.49	\$26,483.49	
Replace metal halide ballast, 175 W	10	40.00 Ea.	\$5,939.38	\$7,132.04	5.0000	5	5	\$35,660.20	\$35,660.20	
Replace metal halide fixture lamp, 175 W	5	40.00 Ea.	\$1,999.49	\$2,446.15	10.0000	10	10	\$24,461.47	\$24,461.47	
Repair smoke detector	10	15.00 Ea.	\$845.81	\$1,045.71	5.0000	5	4	\$5,228.55	\$4,182.84	
Check operation smoke detector	1	15.00 Ea.	\$242.91	\$304.34	50.0000	50	50	\$15,216.77	\$15,216.77	
Replace smoke detector	15	15.00 Ea.	\$4,263.56	\$5,091.93	3.3333	3	3	\$15,275.79	\$15,275.79	
Check and repair manual pull station	10	6.00 Ea.	\$526.18	\$646.98	5.0000	5	4	\$3,234.91	\$2,587.93	
Replace manual pull station	15	6.00 Ea.	\$1,220.81	\$1,469.65	3.3333	3	3	\$4,408.94	\$4,408.94	
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	
Replace fire alarm bell, 6"	20	4.00 Ea.	\$779.85	\$941.10	2.5000	2	2	\$1,882.20	\$1,882.20	
Maintenance and repair electrical service ground	25	1.10 M.L.F.	\$96.68	\$120.77	2.0000	2	2	\$241.53	\$241.53	
Replace electrical service ground	50	1.10 M.L.F.	\$4,144.03	\$5,098.19	1.0000	1	1	\$5,098.19	\$5,098.19	
Maintenance and repair of general wiring lightning protection system	1	1.10 M.L.F.	\$106.40	\$131.81	50.0000	50	50	\$6,590.46	\$6,590.46	
Replace lightning protection general wiring system	25	1.10 M.L.F.	\$12,110.03	\$14,405.59	2.0000	2	2	\$28,811.18	\$28,811.18	
Maintenance and repair lightning ground rod	1	4.00 Ea.	\$351.56	\$439.15	50.0000	50	48	\$21,957.43	\$21,079.13	
Replace lightning ground rod	25	4.00 Ea.	\$904.36	\$1,121.16	2.0000	2	2	\$2,242.32	\$2,242.32	
Maintenance and repair exit light	20	4.00 Ea.	\$148.81	\$184.01	2.5000	2	2	\$368.03	\$368.03	
Replace lighting fixture exit light	20	4.00 Ea.	\$764.14	\$919.04	2.5000	2	2	\$1,838.09	\$1,838.09	
			\$808,349.09	\$961,856.57				MR Subtotal	\$2,695,602.32	
									MR Per Year	\$53,777.37
									PM Total	\$19,647.98
									Subtotal	\$73,425.35

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
								Total Per Unit	\$4.65

FAC 2134 MARINE MAINTENANCE SUPPORT FACILITY

SUC \$4.65

Release 2021 Qtr 3

UM SF

Zip Code Prefix 222

Design Life 50

Type PM

Average Size 15784.0

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Door, emergency egress, swinging, annualized	3.00	0.78	\$43.78	\$32.25	\$0.00	\$76.02	\$90.08	\$106.32
Door, overhead, electric, roll up, to 24' high x 25' wide, annualized	2.00	8.14	\$81.92	\$337.62	\$0.00	\$419.54	\$529.02	\$642.60
Urinals, annualized	2.00	0.46	\$12.64	\$22.91	\$0.00	\$35.54	\$43.68	\$52.45
Toilet (vacuum breaker type), annualized	6.00	1.06	\$50.65	\$53.39	\$0.00	\$104.04	\$125.12	\$148.74
Lavatories, annualized	7.00	2.44	\$41.75	\$144.92	\$0.00	\$186.68	\$234.33	\$284.07
Showers, annualized	6.00	1.37	\$77.34	\$81.67	\$0.00	\$159.01	\$191.24	\$227.35
Drink fountain, annualized	4.00	2.48	\$82.90	\$125.10	\$0.00	\$208.00	\$253.82	\$303.79
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
Fan coil unit, annualized	2.00	6.68	\$226.46	\$336.54	\$0.00	\$563.01	\$686.62	\$821.55
Fan, axial, up to 5,000 CFM, annualized	4.00	4.98	\$46.91	\$250.20	\$0.00	\$297.11	\$376.87	\$458.96
Package unit, air cooled, 25 thru 50 ton, annualized	1.00	3.25	\$176.92	\$195.58	\$0.00	\$372.51	\$448.87	\$534.09
Air compressor, gas engine powered, annualized	1.00	16.57	\$170.86	\$991.12	\$0.00	\$1,161.98	\$1,476.41	\$1,799.37
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, wet pipe, annualized	1.00	11.34	\$68.24	\$678.37	\$0.00	\$746.61	\$956.95	\$1,170.70
Switchboard, annualized	1.00	0.70	\$3.99	\$46.10	\$0.00	\$50.09	\$64.32	\$78.75
Circuit breaker, high voltage air, annualized	4.00	1.88	\$60.62	\$124.32	\$0.00	\$184.94	\$228.30	\$274.69
Transformer, oil pad mounted, PCB, annualized	1.00	2.69	\$0.25	\$177.16	\$0.00	\$177.40	\$230.57	\$283.76
Panelboard, 225 A and above, annualized	2.00	0.88	\$46.39	\$58.02	\$0.00	\$104.41	\$126.46	\$150.82
Motor control center, over 400 A, annualized	4.00	1.56	\$92.79	\$103.60	\$0.00	\$196.39	\$236.75	\$281.75
Security, intrusion alarm system, annualized	1.00	3.83	\$162.90	\$226.88	\$0.00	\$389.78	\$474.14	\$566.64
Power stablizer, annualized	1.00	0.62	\$9.28	\$36.78	\$0.00	\$46.06	\$58.02	\$70.44
Uninterrupted power system, 200 KVA to 800 KVA, annualized	1.00	78.06	\$289.71	\$4,610.20	\$0.00	\$4,899.91	\$6,311.94	\$7,738.46
Light, emergency, dry cell, annualized	1.00	0.36	\$34.54	\$21.24	\$0.00	\$55.78	\$65.60	\$77.15
Crane, electric bridge, over 15 tons, annualized	2.00	16.53	\$648.64	\$580.06	\$0.00	\$1,228.70	\$1,467.58	\$1,738.89
						\$12,831.29	\$16,176.63	\$19,647.98

FAC 2134 MARINE MAINTENANCE SUPPORT FACILITY

Modeled Component List CostWorks Release 2021 Qtr 3

B20 Exterior Enclosure	
Aluminum Siding, 1st floor	54.0 C.S.F.
Steel Louver, 1st floor	4.0 Ea.
Steel Louver, 2nd floor	4.0 Ea.
Aluminum Window, Fixed, 1st floor	24.0 Ea.
Steel Double, Roll-Up	2.0 Ea.
B30 Roofing	
Metal Steep Roofing	70.0 Sq.
C10 Interior Construction	
Fully Glazed Wooden Doors	2.0 Ea.
Solid Core Interior Doors	2.0 Ea.
Toilet Partitions, painted metal	6.0 Ea.
C30 Interior Finishes	
Concrete, Finished	70.0 C.S.F.
Vinyl Sheet	780.0 S.Y.
Carpet	630.0 S.Y.
D20 Plumbing	
Tankless Water Closet	6.0 Ea.
Urinal	2.0 Ea.
Lavatory, Vitreous China	7.0 Ea.
Sink, Iron Enamel	1.0 Ea.
Shower, Fiberglass	6.0 Ea.
Drinking Fountain	1.0 Ea.
Emergency Eye Wash	1.0 Ea.
Water Heater, Electric, 120 Gallon	1.0 Ea.
Drain: Roof, Scupper, Area	2.0 Ea.
Compressed Air Systems, Compressors, 10 H.P.	1.0 Ea.
D30 HVAC	
Boiler, Gas, 2000 MBH	1.0 Ea.
Metal Flue / Chimney, 6" diameter	1.0 L.F.
Chiller, Air Cooled, Reciprocating, 50 ton	1.0 Ea.
Exhaust Fan, propeller exh., 4700 CFM	1.0 Ea.
D40 Fire Protection	
Backflow Preventer	1.0 Ea.
Sprinkler System, Fire Suppression, sprinkler head	70.0 Ea.
D50 Electrical	
Motor Starter, Up To 600 V	3.0 Ea.
Load Center, 100 A, maintenance & inspection	1.0 Ea.
Circuit Breaker, molded case, 480 V, 1 pole	12.0 Ea.
Safety Switch, Heavy Duty	4.0 Ea.
Incandescent Lighting Fixtures	78.0 Ea.
Smoke Detector	15.0 Ea.
Manual Pull Station	6.0 Ea.
Fire Alarm Control Panel	1.0 Ea.
Fire Alarm Bell	4.0 Ea.
Electrical Service Ground	1.1 M.L.F.
Lightning Protection System	1.1 M.L.F.
Lightning Ground Rod	4.0 Ea.
Exit Light	4.0 Ea.
UPS, 200 KVA to 800 KVA, annualized	1.0 Each
E10 Equipment	
Crane, Electric, over 15 ton, annualized	2.0 Each

FAC 2134 MARINE MAINTENANCE SUPPORT FACILITY
Sustainment by Year
CostWorks Release 2021 Qtr 3

