

FAC 2125 MISSILE MAINTENANCE-ASSEMBLY BUILDING, DEPOT

FY22 SUC: \$3.44 / SF
Source: Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 2125 MISSILE MAINTENANCE-ASSEMBLY BUILDING, DEPOT

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM SF
Design Life 31
Average Size 29840.0

SUC \$3.44

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
Point and refinish painted concrete block wall, 1st floor	25	182.00 C.S.F.	\$85,499.42	\$105,524.55	1.2400	1	1	\$105,524.55	\$105,524.55
Repair clay brick wall, 1st floor	25	3.00 S.F.	\$128.93	\$158.23	1.2400	1	1	\$158.23	\$158.23
Replace aluminum siding, 2nd floor	35	25.90 C.S.F.	\$18,542.90	\$22,457.64	0.8857	0	0	\$0.00	\$0.00
Refinish aluminum siding, 2nd floor	20	25.90 C.S.F.	\$7,272.11	\$8,999.24	1.5500	1	1	\$8,999.24	\$8,999.24
Replace glass - 2nd floor (1% of glass) - steel frame window	1	6.60 S.F.	\$700.88	\$865.07	31.0000	31	31	\$26,817.04	\$26,817.04
Repair 3'-9" x 5'-5" steel frame window - 2nd floor.	20	33.00 Ea.	\$11,381.25	\$13,472.75	1.5500	1	1	\$13,472.75	\$13,472.75
Refinish 3'-9" x 5'-5" steel frame window - 2nd floor.	5	33.00 Ea.	\$4,891.05	\$6,074.27	6.2000	6	6	\$36,445.61	\$36,445.61
Replace 3'-9" x 5'-5" steel frame window - 2nd floor.	45	33.00 Ea.	\$56,213.55	\$64,865.38	0.6889	0	0	\$0.00	\$0.00
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	14.00 S.F.	\$168.81	\$198.40	31.0000	31	31	\$6,150.48	\$6,150.48
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	22.00 Ea.	\$3,184.21	\$3,797.40	1.5500	1	1	\$3,797.40	\$3,797.40
Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	22.00 Ea.	\$10,738.90	\$12,727.53	0.6200	0	0	\$0.00	\$0.00
Repair steel, painted, door	14	8.00 Ea.	\$5,000.59	\$5,952.05	2.2143	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	7.7500	7	7	\$2,848.51	\$2,848.51
Replace 3'-0" x 7'-0" steel, painted, door	45	8.00 Ea.	\$5,640.51	\$6,557.85	0.6889	0	0	\$0.00	\$0.00
Refinish 12' x 24' steel double roll-up door	5	4.00 Ea.	\$1,631.44	\$1,998.31	6.2000	6	6	\$11,989.84	\$11,989.84
Replace 12' x 24' steel double roll-up door	35	4.00 Ea.	\$21,628.66	\$25,670.94	0.8857	0	0	\$0.00	\$0.00
Debris removal, by hand and visual inspection, metal panel roofing	1	26.40 M.S.F.	\$601.50	\$733.65	31.0000	31	31	\$22,743.14	\$22,743.14
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	528.00 S.F.	\$1,844.35	\$2,212.83	6.2000	6	6	\$13,276.97	\$13,276.97
Metal roof flashing replacement, 2 SF/sq repaired, metal panel roofing	1	24.00 S.F.	\$439.20	\$532.14	31.0000	31	31	\$16,496.32	\$16,496.32
Minor metal roof panel replacement, 2.5% of roof area	20	746.00 S.F.	\$8,525.00	\$10,124.77	1.5500	1	1	\$10,124.77	\$10,124.77
Total metal roof panel replacement	30	299.00 Sq.	\$252,698.84	\$299,303.86	1.0333	1	1	\$299,303.86	\$299,303.86
Repair 8" concrete block wall - (2% of walls) painted	25	3.50 C.S.F.	\$3,813.79	\$4,579.24	1.2400	1	1	\$4,579.24	\$4,579.24
Refinish concrete block wall painted	4	175.00 C.S.F.	\$17,660.77	\$21,505.43	7.7500	7	7	\$150,538.04	\$150,538.04
Replace 8" concrete block wall painted	75	175.00 C.S.F.	\$202,731.42	\$243,882.31	0.4133	0	0	\$0.00	\$0.00
Replace insulating glass (3% of glass) fully glazed wooden doors	1	0.06 S.F.	\$3.40	\$3.95	31.0000	31	31	\$122.36	\$122.36
Repair fully glazed wood door	10	2.00 Ea.	\$586.90	\$683.13	3.1000	3	3	\$2,049.38	\$2,049.38

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Refinish 3'-0" x 7'-0" fully glazed wood door	4	2.00 Ea.	\$140.71	\$174.38	7.7500	7	7	\$1,220.63	\$1,220.63
Replace 3'-0" x 7'-0" fully glazed wood door	40	2.00 Ea.	\$2,277.72	\$2,647.81	0.7750	0	0	\$0.00	\$0.00
Repair steel painted interior door	14	11.00 Ea.	\$3,227.97	\$3,757.20	2.2143	2	2	\$7,514.41	\$7,514.41
Refinish 3'-0" x 7'-0" steel painted interior door	4	11.00 Ea.	\$578.44	\$712.65	7.7500	7	7	\$4,988.55	\$4,988.55
Replace 3'-0" x 7'-0" steel painted interior door	60	11.00 Ea.	\$13,398.38	\$15,532.91	0.5167	0	0	\$0.00	\$0.00
Repair solid core wood door, interior	11	5.00 Ea.	\$1,467.26	\$1,707.82	2.8182	2	2	\$3,415.64	\$3,415.64
Refinish 3'-0" x 7'-0" solid core wood door, interior	4	5.00 Ea.	\$216.82	\$266.25	7.7500	7	7	\$1,863.74	\$1,863.74
Replace 3'-0" x 7'-0" solid core wood door, interior	40	5.00 Ea.	\$2,447.14	\$2,829.05	0.7750	0	0	\$0.00	\$0.00
Repair 5/8" drywall - (2% of walls)	20	7.90 S.F.	\$13.24	\$16.10	1.5500	1	1	\$16.10	\$16.10
Replace 5/8" drywall	75	398.00 S.F.	\$927.58	\$1,135.18	0.4133	0	0	\$0.00	\$0.00
Refinish concrete floor finished	25	264.00 C.S.F.	\$111,362.41	\$133,763.59	1.2400	1	1	\$133,763.59	\$133,763.59
Replace vinyl tile flooring	18	11.50 S.Y.	\$568.14	\$697.71	1.7222	1	1	\$697.71	\$697.71
Acoustic tile repairs - (2% of ceilings)	9	5.28 C.S.F.	\$4,792.68	\$5,569.99	3.4444	3	3	\$16,709.96	\$16,709.96
Replace acoustic tile ceiling, fire-rated	20	264.00 C.S.F.	\$138,396.35	\$163,121.93	1.5500	1	1	\$163,121.93	\$163,121.93
Replace flush valve diaphragm tankless water closet	10	8.00 Ea.	\$209.76	\$260.29	3.1000	3	3	\$780.86	\$780.86
Rebuild flush valve tankless water closet	20	8.00 Ea.	\$1,443.47	\$1,739.66	1.5500	1	1	\$1,739.66	\$1,739.66
Unplug clogged line tankless water closet	5	8.00 Ea.	\$1,747.16	\$2,185.01	6.2000	6	6	\$13,110.09	\$13,110.09
Replace tankless water closet	35	8.00 Ea.	\$10,289.77	\$11,907.96	0.8857	0	0	\$0.00	\$0.00
Replace tankless flush valve	25	8.00 Ea.	\$2,017.72	\$2,368.88	1.2400	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	6.2000	6	6	\$8,487.67	\$8,487.67
Replace flush valve diaphragm for a urinal	7	6.00 Ea.	\$157.32	\$195.22	4.4286	4	4	\$780.86	\$780.86
Rebuild flush valve for a urinal	20	6.00 Ea.	\$1,082.60	\$1,304.74	1.5500	1	1	\$1,304.74	\$1,304.74
Unplug line urinal	5	6.00 Ea.	\$870.43	\$1,088.57	6.2000	6	6	\$6,531.41	\$6,531.41
Replace wall-hung urinal	35	6.00 Ea.	\$5,813.18	\$7,014.64	0.8857	0	0	\$0.00	\$0.00
Replace washer in spud connection lavatory, vitreous china	7	8.00 Ea.	\$131.70	\$160.64	4.4286	4	4	\$642.56	\$642.56
Replace washer in faucet lavatory, vitreous china	2	8.00 Ea.	\$103.08	\$128.41	15.5000	15	15	\$1,926.22	\$1,926.22
Replace faucets lavatory, vitreous china	10	8.00 Ea.	\$1,453.81	\$1,750.04	3.1000	3	3	\$5,250.13	\$5,250.13
Clean out strainer and P trap lavatory, vitreous china	2	8.00 Ea.	\$278.95	\$348.86	15.5000	15	15	\$5,232.95	\$5,232.95
Replace lavatory, vitreous china	35	8.00 Ea.	\$5,380.60	\$6,465.77	0.8857	0	0	\$0.00	\$0.00
Replace faucet washer sink, iron enamel	2	2.00 Ea.	\$25.55	\$31.83	15.5000	15	15	\$477.48	\$477.48
Clean trap sink, iron enamel	3	2.00 Ea.	\$17.14	\$21.44	10.3333	10	10	\$214.37	\$214.37
Replace faucets sink, iron enamel	10	2.00 Ea.	\$363.45	\$437.51	3.1000	3	3	\$1,312.53	\$1,312.53
Unstop sink, iron enamel	2	2.00 Ea.	\$83.64	\$104.60	15.5000	15	15	\$1,569.07	\$1,569.07
Replace sink, P.E.C.I. sink, iron enamel kitchen	35	2.00 Ea.	\$1,273.40	\$1,515.02	0.8857	0	0	\$0.00	\$0.00
Inspect / clean shower head fiberglass	3	2.00 Ea.	\$98.79	\$123.54	10.3333	10	10	\$1,235.42	\$1,235.42

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Replace mixing valve barrel shower, fiberglass	2	2.00 Ea.	\$565.18	\$664.64	15.5000	15	15	\$9,969.58	\$9,969.58
Replace mixing valve shower, fiberglass	10	2.00 Ea.	\$551.76	\$671.11	3.1000	3	3	\$2,013.33	\$2,013.33
Replace shower and fittings, fiberglass	20	2.00 Ea.	\$1,933.28	\$2,312.32	1.5500	1	1	\$2,312.32	\$2,312.32
Check / minor repairs drinking fountain	1	4.00 Ea.	\$195.53	\$244.53	31.0000	31	31	\$7,580.44	\$7,580.44
Repair internal leaks drinking fountain	4	4.00 Ea.	\$180.32	\$225.51	7.7500	7	7	\$1,578.58	\$1,578.58
Correct water pressure drinking fountain	2	4.00 Ea.	\$167.29	\$209.21	15.5000	15	15	\$3,138.14	\$3,138.14
Replace refrigerant drinking fountain	2	4.00 Ea.	\$130.73	\$153.08	15.5000	15	15	\$2,296.15	\$2,296.15
Repair drain leak drinking fountain	4	4.00 Ea.	\$135.66	\$162.14	7.7500	7	6	\$1,134.97	\$972.83
Replace fountain drinking fountain	10	4.00 Ea.	\$5,124.62	\$6,058.24	3.1000	3	3	\$18,174.71	\$18,174.71
Inspect and clean spray heads, emergency eye wash	3	4.00 Ea.	\$197.57	\$247.08	10.3333	10	10	\$2,470.84	\$2,470.84
Replace eye wash station, emergency eye wash	25	4.00 Ea.	\$4,457.36	\$5,299.99	1.2400	1	1	\$5,299.99	\$5,299.99
Replace pipe and fittings, copper 3/4"	20	132.00 L.F.	\$3,439.12	\$4,142.50	1.5500	1	1	\$4,142.50	\$4,142.50
Replace pipe and fittings, copper 2"	25	48.00 L.F.	\$2,951.26	\$3,510.96	1.2400	1	1	\$3,510.96	\$3,510.96
Minor repairs, adjustments water heater, gas / oil, 1150 GPH	2	1.00 Ea.	\$98.31	\$122.94	15.5000	15	14	\$1,844.17	\$1,721.22
Clean & service water heater, gas / oil, 1150 GPH	2	1.00 Ea.	\$586.59	\$733.59	15.5000	15	15	\$11,003.87	\$11,003.87
Replace water heater, gas / oil, 1150 GPH	20	1.00 Ea.	\$41,525.47	\$47,777.51	1.5500	1	1	\$47,777.51	\$47,777.51
Unclog floor drain, PVC	20	1.00 Ea.	\$47.80	\$59.77	1.5500	1	1	\$59.77	\$59.77
Repair joint pipe and fittings, PVC	10	2.00 Ea.	\$302.58	\$376.00	3.1000	3	3	\$1,128.00	\$1,128.00
Replace pipe, 4" pipe and fittings, PVC	30	300.00 L.F.	\$24,476.69	\$30,115.25	1.0333	1	1	\$30,115.25	\$30,115.25
General maintenance & repair drain: roof, scupper, area	1	3.00 Ea.	\$110.96	\$138.77	31.0000	31	31	\$4,301.90	\$4,301.90
Replace drain: roof, scupper, area	40	3.00 Ea.	\$2,360.80	\$2,737.08	0.7750	0	0	\$0.00	\$0.00
Insp/chk pump/mtr oper, lub, chk align, rainwater sump pump	1	1.00 Ea.	\$11.95	\$14.94	31.0000	31	31	\$463.25	\$463.25
Replace rainwater sump pump / motor assembly	20	1.00 Ea.	\$632.43	\$747.09	1.5500	1	1	\$747.09	\$747.09
Replace pipe and fittings, oxygen	25	16.00 L.F.	\$414.78	\$499.51	1.2400	1	1	\$499.51	\$499.51
Repair boiler, gas, 2000 MBH	7	1.00 Ea.	\$5,785.82	\$6,733.75	4.4286	4	4	\$26,934.98	\$26,934.98
Replace boiler, gas, 2000 MBH	30	1.00 Ea.	\$39,838.14	\$46,620.21	1.0333	1	1	\$46,620.21	\$46,620.21
Replace metal flue, all fuel SS, 10" diameter metal flue / chimney	15	1.00 L.F.	\$145.01	\$168.30	2.0667	2	2	\$336.60	\$336.60
Repair cooling tower, 100 ton	10	1.00 Ea.	\$4,609.24	\$5,471.59	3.1000	3	2	\$16,414.78	\$10,943.18
Replace cooling tower, 100 ton	15	1.00 Ea.	\$22,432.71	\$25,831.13	2.0667	2	2	\$51,662.26	\$51,662.26
Repair water cooled chiller, 100 ton, reciprocating	10	1.00 Ea.	\$62,825.93	\$73,404.71	3.1000	3	2	\$220,214.14	\$146,809.43
Replace chiller, water cooled, 100 ton, reciprocating	20	1.00 Ea.	\$88,694.54	\$103,171.99	1.5500	1	1	\$103,171.99	\$103,171.99
Replace fan coil, DX 10 ton, with heat	10	8.00 Ea.	\$41,125.40	\$48,336.80	3.1000	3	3	\$145,010.39	\$145,010.39

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Replace roof mounted exhaust fan, 8500 CFM exhaust fan	20	4.00 Ea.	\$15,759.33	\$18,293.66	1.5500	1	1	\$18,293.66	\$18,293.66
Repair damaged pipe insulation, fiberglass 3/4"	5	4.00 Ea.	\$75.76	\$93.26	6.2000	6	6	\$559.58	\$559.58
Repair damaged pipe insulation, fiberglass 2"	5	2.00 Ea.	\$48.01	\$58.68	6.2000	6	6	\$352.06	\$352.06
Replace pipe insulation, fiberglass 3/4"	5	0.03 M.L.F.	\$226.70	\$278.33	6.2000	6	6	\$1,669.99	\$1,669.99
Replace pipe insulation, fiberglass 2"	5	0.01 M.L.F.	\$97.98	\$119.27	6.2000	6	6	\$715.61	\$715.61
Maintenance and repair explosionproof industrial heater	2	2.00 Ea.	\$405.39	\$473.69	15.5000	15	14	\$7,105.32	\$6,631.63
Maintenance and inspection explosionproof industrial heater	0.5	2.00 Ea.	\$157.70	\$197.57	62.0000	62	62	\$12,249.31	\$12,249.31
Replace heater explosionproof industrial heater	15	2.00 Ea.	\$9,087.06	\$10,400.19	2.0667	2	2	\$20,800.38	\$20,800.38
Inspect sprinkler system	1	1.00 Ea.	\$34.33	\$42.93	31.0000	31	31	\$1,330.79	\$1,330.79
Replace sprinkler head	20	264.00 Ea.	\$22,578.02	\$27,770.03	1.5500	1	1	\$27,770.03	\$27,770.03
Maintenance and repair motor starter, up to 600 V	5	6.00 Ea.	\$1,677.83	\$2,025.59	6.2000	6	6	\$12,153.53	\$12,153.53
Maintenance and inspection motor starter, up to 600 V	0.5	6.00 Ea.	\$323.88	\$405.78	62.0000	62	62	\$25,158.39	\$25,158.39
Replace starter motor starter, up to 600 V	18	6.00 Ea.	\$4,831.87	\$5,748.45	1.7222	1	1	\$5,748.45	\$5,748.45
Maintenance and inspection lighting panel, indoor	3	3.00 Ea.	\$121.93	\$152.76	10.3333	10	10	\$1,527.64	\$1,527.64
Maintenance and repair safety switch, 3 pole safety switch, heavy duty	8	12.00 Ea.	\$487.73	\$611.06	3.8750	3	3	\$1,833.17	\$1,833.17
Maintenance and inspection safety switch, 3 pole, heavy duty	1	12.00 Ea.	\$487.73	\$611.06	31.0000	31	31	\$18,942.79	\$18,942.79
Replace safety switch, heavy duty 30 A	25	12.00 Ea.	\$6,916.18	\$8,285.27	1.2400	1	1	\$8,285.27	\$8,285.27
Maintenance and repair receptacles and plugs	20	84.00 Ea.	\$3,548.45	\$4,430.04	1.5500	1	1	\$4,430.04	\$4,430.04
Replace receptacle/plug receptacles and plugs	20	84.00 Ea.	\$6,044.27	\$7,450.52	1.5500	1	1	\$7,450.52	\$7,450.52
Maintenance and repair wiring devices, switches	10	28.00 Ea.	\$1,182.82	\$1,476.68	3.1000	3	3	\$4,430.04	\$4,430.04
Replace wiring devices, switches	15	28.00 Ea.	\$1,830.58	\$2,274.21	2.0667	2	2	\$4,548.43	\$4,548.43
Replace fluorescent light fixture ballast, 80 W	10	200.00 Ea.	\$24,933.69	\$30,247.45	3.1000	3	2	\$90,742.34	\$60,494.89
Replace lamps (2 lamps), 4', 34 W energy saver	10	200.00 Ea.	\$5,042.80	\$6,315.79	3.1000	3	3	\$18,947.36	\$18,947.36
Replace fluorescent fixture, lay-in, recess mtd, 2' x 4', two 40 W	20	200.00 Ea.	\$45,487.41	\$55,483.03	1.5500	1	1	\$55,483.03	\$55,483.03
Replace metal halide ballast, 175 W	10	44.00 Ea.	\$6,533.32	\$7,845.24	3.1000	3	2	\$23,535.73	\$15,690.49
Replace metal halide fixture lamp, 175 W	5	44.00 Ea.	\$2,199.44	\$2,690.76	6.2000	6	6	\$16,144.57	\$16,144.57
Replace metal halide fixture, 175 W	20	44.00 Ea.	\$34,252.65	\$40,239.64	1.5500	1	1	\$40,239.64	\$40,239.64
Repair smoke detector	10	26.00 Ea.	\$1,466.08	\$1,812.57	3.1000	3	2	\$5,437.70	\$3,625.13
Check operation smoke detector	1	26.00 Ea.	\$421.05	\$527.51	31.0000	31	31	\$16,352.95	\$16,352.95
Replace smoke detector	15	26.00 Ea.	\$7,390.17	\$8,826.01	2.0667	2	2	\$17,652.02	\$17,652.02
Check and repair manual pull station	10	4.00 Ea.	\$350.79	\$431.32	3.1000	3	2	\$1,293.96	\$862.64
Replace manual pull station	15	4.00 Ea.	\$813.87	\$979.76	2.0667	2	2	\$1,959.53	\$1,959.53

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Minor repairs to fire alarm control panel	5	1.00 Ea.	\$149.71	\$182.27	6.2000	6	6	\$1,093.65	\$1,093.65	
Maintenance and inspection fire alarm control panel	0.5	1.00 Ea.	\$43.18	\$54.10	62.0000	62	62	\$3,354.45	\$3,354.45	
Replace fire alarm control panel	15	1.00 Ea.	\$1,953.46	\$2,391.92	2.0667	2	2	\$4,783.84	\$4,783.84	
Replace fire alarm bell, 6"	20	4.00 Ea.	\$779.85	\$941.10	1.5500	1	1	\$941.10	\$941.10	
Replace EMS, Three Phase, 5 Meters	15	2.00 Ea.	\$31,604.92	\$36,799.58	2.0667	2	2	\$73,599.16	\$73,599.16	
Replace EMS, Mech, BTU, 3 Meters, 3 Duct Sensors, 3 Space Sensors	20	2.00 Ea.	\$34,275.44	\$40,061.35	1.5500	1	1	\$40,061.35	\$40,061.35	
Replace building structure ground	50	1.00 M.L.F.	\$4,337.42	\$5,318.61	0.6200	0	0	\$0.00	\$0.00	
Replace lightning protection general wiring system	25	0.60 M.L.F.	\$6,605.47	\$7,857.59	1.2400	1	1	\$7,857.59	\$7,857.59	
Replace lightning ground rod	25	1.00 Ea.	\$226.09	\$280.29	1.2400	1	1	\$280.29	\$280.29	
Replace special ground system	50	1.00 M.L.F.	\$1,865.81	\$2,278.85	0.6200	0	0	\$0.00	\$0.00	
Maintenance and repair transfer switch	5	1.00 Ea.	\$357.05	\$430.82	6.2000	6	6	\$2,584.91	\$2,584.91	
Maintenance and inspection transfer switch	0.5	1.00 Ea.	\$40.64	\$50.92	62.0000	62	62	\$3,157.13	\$3,157.13	
Replace lamp emergency lighting fixture	2	40.00 Ea.	\$2,187.58	\$2,635.03	15.5000	15	15	\$39,525.40	\$39,525.40	
Replace emergency lighting fixture	20	40.00 Ea.	\$24,094.72	\$28,390.46	1.5500	1	1	\$28,390.46	\$28,390.46	
Maintenance and repair exit light	20	40.00 Ea.	\$1,488.06	\$1,840.13	1.5500	1	1	\$1,840.13	\$1,840.13	
Replace lamp exit light	5	40.00 Ea.	\$673.86	\$798.54	6.2000	6	6	\$4,791.23	\$4,791.23	
			\$1,707,200.96	\$2,029,659.57				MR Subtotal	\$2,470,980.01	
									MR Per Year	\$79,491.82
									PM Total	\$23,237.94
									Subtotal	\$102,729.76
									Total Per Unit	\$3.44

FAC 2125 MISSILE MAINTENANCE-ASSEMBLY BUILDING, DEPOT

SUC \$3.44

Release 2021 Qtr 3

UM SF

Zip Code Prefix 222

Design Life 31

Type PM

Average Size 29840.0

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Fan coil unit, annualized	8.00	26.70	\$905.86	\$1,346.17	\$0.00	\$2,252.02	\$2,746.46	\$3,286.19
VAV Boxes, annualized	26.00	24.28	\$249.72	\$1,465.98	\$0.00	\$1,715.70	\$2,180.47	\$2,657.72
Controls, central system, electro/pneumatic, annualized	1.00	1.92	\$70.77	\$115.41	\$0.00	\$186.18	\$227.88	\$273.12
Fire pump, electric motor driven, annualized	1.00	47.75	\$53.08	\$2,841.22	\$0.00	\$2,894.30	\$3,751.98	\$4,612.31
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	3.00	1.32	\$69.59	\$87.02	\$0.00	\$156.62	\$189.68	\$226.23
Uninterrupted power system, up to 200 KVA, annually	1.00	3.01	\$196.92	\$178.19	\$0.00	\$375.11	\$448.26	\$531.26
Battery system and charger, annually	1.00	1.41	\$13.20	\$83.40	\$0.00	\$96.59	\$122.93	\$149.93
Light, emergency, hardwired system, annualized	1.00	0.25	\$7.73	\$14.76	\$0.00	\$22.50	\$27.70	\$33.29
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
Showers, annualized	2.00	0.46	\$25.78	\$27.22	\$0.00	\$53.00	\$63.75	\$75.78
Drink fountain, annualized	4.00	2.48	\$82.90	\$125.10	\$0.00	\$208.00	\$253.82	\$303.79
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, 500 -1000 MBH, annualized	1.00	17.38	\$77.34	\$1,057.20	\$0.00	\$1,134.54	\$1,459.44	\$1,788.20
Water cooling tower, 50 thru 500 tons, annualized	1.00	9.91	\$157.72	\$599.08	\$0.00	\$756.80	\$952.29	\$1,155.67
Chiller, centrif., water cooled, up to 100 tons, annualized	1.00	26.77	\$83.41	\$1,607.83	\$0.00	\$1,691.23	\$2,181.92	\$2,676.78
Hanger doors, sliding, annualized	2.00	4.51	\$82.94	\$187.74	\$0.00	\$270.68	\$335.30	\$404.06
Door, emergency egress, swinging, annualized	1.00	0.26	\$14.59	\$10.75	\$0.00	\$25.34	\$30.03	\$35.44
Door, overhead, electric, roll up, to 24' high x 25' wide, annually	4.00	8.16	\$81.92	\$336.11	\$0.00	\$418.03	\$527.05	\$640.17
Fire doors, swinging, annualized	14.00	5.49	\$200.50	\$203.81	\$0.00	\$404.30	\$485.49	\$576.71
Urinals, annualized	6.00	1.37	\$37.91	\$68.72	\$0.00	\$106.63	\$131.04	\$157.34
Toilet (vacuum breaker type), annualized	8.00	1.42	\$67.53	\$71.18	\$0.00	\$138.72	\$166.83	\$198.31
						\$15,354.60	\$19,201.31	\$23,237.94

FAC 2125 MISSILE MAINTENANCE-ASSEMBLY BUILDING, DEPOT

Modeled Component List CostWorks Release 2021 Qtr 3

B20 Exterior Enclosure	
Aluminum Siding, 2nd floor	25.9 C.S.F.
Steel Frame, Operating, 2nd floor	33.0 Ea.
Aluminum Window, Fixed, 1st floor	22.0 Ea.
Steel, Painted	8.0 Ea.
Steel Double, Roll-Up	4.0 Ea.
B30 Roofing	
Metal Steep Roofing	299.0 Sq.
C10 Interior Construction	
Concrete Block, Painted	175.0 C.S.F.
Fully Glazed Wooden Doors	2.0 Ea.
Steel Painted Interior Doors	11.0 Ea.
Solid Core Interior Doors	5.0 Ea.
Fire Doors, Swinging, annualized	14.0 Each
C30 Interior Finishes	
Drywall	398.0 S.F.
Concrete, Finished	264.0 C.S.F.
Vinyl	11.5 S.Y.
Acoustic Tile, fire-rated	264.0 C.S.F.
D20 Plumbing	
Tankless Water Closet	8.0 Ea.
Urinal	6.0 Ea.
Lavatory, Vitreous China	8.0 Ea.
Sink, Iron Enamel	2.0 Ea.
Shower, Fiberglass	2.0 Ea.
Drinking Fountain	4.0 Ea.
Emergency Eye Wash	4.0 Ea.
Water Heater, Gas / Oil, 1150 GPH	1.0 Ea.
Drain: Roof, Scupper, Area	3.0 Ea.
Rainwater Sump Pump	1.0 Ea.
D30 HVAC	
Boiler, Gas, 2000 MBH	1.0 Ea.
Cooling Tower, 100 ton	1.0 Ea.
Chiller, Water Cooled, Reciprocating, 100 ton	1.0 Ea.
Fan Coil, DX Air Conditioner W/ Heat, 10 ton	8.0 Ea.
Exhaust Fan, roof mounted exhaust fan, 8500 CFM exhaust	4.0 Ea.
Explosionproof Industrial Heater	2.0 Ea.
VAV Box	26.0 Each
D40 Fire Protection	
Sprinkler System, Fire Suppression, sprinkler head	264.0 Ea.
Fire Pump, Electric, annualized	1.0 Each
Extinguishing system, FM200	1.0 Each
D50 Electrical	
Motor Starter, Up To 600 V	6.0 Ea.
Load Center, 100 A, maintenance & inspection	3.0 Ea.
Safety Switch, Heavy Duty	12.0 Ea.
Fluorescent Lighting Fixture	200.0 Ea.
Metal Halide Fixture	44.0 Ea.
Smoke Detector	26.0 Ea.
Manual Pull Station	4.0 Ea.
Fire Alarm Control Panel	1.0 Ea.
Fire Alarm Bell	4.0 Ea.

Building Structure Ground	1.0 M.L.F.
Lightning Protection System	0.6 M.L.F.
Lightning Ground Rod	1.0 Ea.
Special Ground System	1.0 M.L.F.
Emergency Lighting Fixture	40.0 Ea.
E10 Equipment	
Crane, Electric, over 15 ton, annualized	2.0 Each

FAC 2125 MISSILE MAINTENANCE-ASSEMBLY BUILDING, DEPOT
Sustainment by Year
CostWorks Release 2021 Qtr 3

