

FAC 7349 COMMISSARY

FY22 SUC: \$2.44 / SF
Source: Calculated using R.S. Means CostWorks 2021 Qtr 3
component prices

FAC 7349 COMMISSARY

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM SF
Design Life 40
Average Size 61369.0

SUC \$2.44

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 |
|---|-----------|----------------|----------------|---------------|-----------------------|----------------------------|----------------------|--------------|---------------|
| Refinish 12' x 12' steel roll-up door | 5 | 3.00 Ea. | \$610.34 | \$747.57 | 8.0000 | 8 | 8 | \$5,980.54 | \$5,980.54 |
| Replace 12' x 12' steel roll-up door | 35 | 3.00 Ea. | \$8,110.75 | \$9,626.60 | 1.1429 | 1 | 1 | \$9,626.60 | \$9,626.60 |
| Debris removal and visual inspection of built-up roofing | 0.5 | 41.90 M.S.F. | \$1,577.94 | \$1,924.61 | 80.0000 | 80 | 80 | \$153,969.06 | \$153,969.06 |
| Non-destructive moisture inspection of built-up roofing | 5 | 41.90 M.S.F. | \$4,896.25 | \$5,971.96 | 8.0000 | 8 | 8 | \$47,775.69 | \$47,775.69 |
| Minor BUR membrane repairs, 2% of roof area | 1 | 8.40 Sq. | \$4,066.74 | \$4,825.89 | 40.0000 | 40 | 40 | \$193,035.49 | \$193,035.49 |
| BUR flashing repairs, 2 S.F. per sq. repaired | 1 | 16.80 S.F. | \$58.79 | \$71.38 | 40.0000 | 40 | 40 | \$2,855.26 | \$2,855.26 |
| Minor BUR membrane replacement, 25% of roof area | 15 | 104.80 Sq. | \$84,341.82 | \$100,116.85 | 2.6667 | 2 | 2 | \$200,233.69 | \$200,233.69 |
| Total BUR roof replacement | 28 | 610.00 Sq. | \$475,586.53 | \$562,409.25 | 1.4286 | 1 | 1 | \$562,409.25 | \$562,409.25 |
| Repair aluminum interior door | 12 | 17.00 Ea. | \$4,988.69 | \$5,806.59 | 3.3333 | 3 | 3 | \$17,419.77 | \$17,419.77 |
| Replace 3'-0" x 7'-0" aluminum door & frame, interior | 50 | 17.00 Ea. | \$46,762.12 | \$53,799.09 | 0.8000 | 0 | 0 | \$0.00 | \$0.00 |
| Replace safety glass (3% of glass) aluminum interior door | 1 | 10.70 S.F. | \$192.79 | \$229.81 | 40.0000 | 40 | 40 | \$9,192.24 | \$9,192.24 |
| Repair solid core wood door, interior | 11 | 17.00 Ea. | \$4,988.69 | \$5,806.59 | 3.6364 | 3 | 3 | \$17,419.77 | \$17,419.77 |
| Refinish 3'-0" x 7'-0" solid core wood door, interior | 4 | 17.00 Ea. | \$737.20 | \$905.24 | 10.0000 | 10 | 9 | \$9,052.44 | \$8,147.20 |
| Replace 3'-0" x 7'-0" solid core wood door, interior | 40 | 17.00 Ea. | \$8,320.26 | \$9,618.77 | 1.0000 | 1 | 1 | \$9,618.77 | \$9,618.77 |
| Repair 5/8" drywall - (2% of walls) | 20 | 1,014.70 S.F. | \$1,699.97 | \$2,068.45 | 2.0000 | 2 | 2 | \$4,136.91 | \$4,136.91 |
| Refinish drywall | 4 | 10,000.00 S.F. | \$6,209.81 | \$7,639.10 | 10.0000 | 10 | 10 | \$76,391.02 | \$76,391.02 |
| Replace 5/8" drywall | 75 | 10,000.00 S.F. | \$23,306.08 | \$28,522.06 | 0.5333 | 0 | 0 | \$0.00 | \$0.00 |
| Refinish concrete floor finished | 25 | 83.80 C.S.F. | \$35,349.13 | \$42,459.81 | 1.6000 | 1 | 1 | \$42,459.81 | \$42,459.81 |
| Replace vinyl tile flooring | 18 | 3,374.00 S.Y. | \$166,687.33 | \$204,700.72 | 2.2222 | 2 | 2 | \$409,401.45 | \$409,401.45 |
| Ceramic tile floor repairs - (2% of floors) | 15 | 0.50 C.S.F. | \$316.41 | \$394.50 | 2.6667 | 2 | 2 | \$789.01 | \$789.01 |
| Replace 2" x 2" thin set ceramic tile floor | 50 | 26.10 C.S.F. | \$31,937.09 | \$38,552.14 | 0.8000 | 0 | 0 | \$0.00 | \$0.00 |
| Repair plaster ceiling - (2% of ceilings) | 12 | 6.10 S.Y. | \$336.59 | \$411.75 | 3.3333 | 3 | 3 | \$1,235.26 | \$1,235.26 |
| Refinish plaster ceiling | 10 | 303.30 S.Y. | \$3,431.45 | \$4,241.21 | 4.0000 | 4 | 4 | \$16,964.84 | \$16,964.84 |
| Replace plaster ceiling | 75 | 303.30 S.Y. | \$18,519.01 | \$22,688.24 | 0.5333 | 0 | 0 | \$0.00 | \$0.00 |
| Replace acoustic tile ceiling, fire-rated | 20 | 335.20 C.S.F. | \$175,721.42 | \$207,115.42 | 2.0000 | 2 | 2 | \$414,230.83 | \$414,230.83 |
| Replace flush valve diaphragm tankless water closet | 10 | 7.00 Ea. | \$183.54 | \$227.75 | 4.0000 | 4 | 4 | \$911.00 | \$911.00 |
| Rebuild flush valve tankless water closet | 20 | 7.00 Ea. | \$1,263.04 | \$1,522.20 | 2.0000 | 2 | 2 | \$3,044.40 | \$3,044.40 |
| Unplug clogged line tankless water closet | 5 | 7.00 Ea. | \$1,528.77 | \$1,911.89 | 8.0000 | 8 | 8 | \$15,295.10 | \$15,295.10 |
| Replace tankless water closet | 35 | 7.00 Ea. | \$9,003.55 | \$10,419.47 | 1.1429 | 1 | 1 | \$10,419.47 | \$10,419.47 |
| Replace tankless flush valve | 25 | 7.00 Ea. | \$1,765.51 | \$2,072.77 | 1.6000 | 1 | 1 | \$2,072.77 | \$2,072.77 |
| Replace wax ring gasket for tankless water closet | 5 | 7.00 Ea. | \$990.64 | \$1,237.79 | 8.0000 | 8 | 8 | \$9,902.28 | \$9,902.28 |

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| Replace flush valve diaphragm for a urinal | 7 | 2.00 Ea. | \$52.44 | \$65.07 | 5.7143 | 5 | 5 | \$325.36 | \$325.36 |
| Rebuild flush valve for a urinal | 20 | 2.00 Ea. | \$360.87 | \$434.91 | 2.0000 | 2 | 2 | \$869.83 | \$869.83 |
| Unplug line urinal | 5 | 2.00 Ea. | \$290.14 | \$362.86 | 8.0000 | 8 | 8 | \$2,902.85 | \$2,902.85 |
| Replace wall-hung urinal | 35 | 2.00 Ea. | \$1,937.73 | \$2,338.21 | 1.1429 | 1 | 1 | \$2,338.21 | \$2,338.21 |
| Replace washer in spud connection lavatory, vitreous china | 7 | 7.00 Ea. | \$115.24 | \$140.56 | 5.7143 | 5 | 5 | \$702.80 | \$702.80 |
| Replace washer in faucet lavatory, vitreous china | 2 | 7.00 Ea. | \$90.19 | \$112.36 | 20.0000 | 20 | 20 | \$2,247.25 | \$2,247.25 |
| Replace faucets lavatory, vitreous china | 10 | 7.00 Ea. | \$1,272.08 | \$1,531.29 | 4.0000 | 4 | 4 | \$6,125.15 | \$6,125.15 |
| Clean out strainer and P trap lavatory, vitreous china | 2 | 7.00 Ea. | \$244.09 | \$305.26 | 20.0000 | 20 | 20 | \$6,105.11 | \$6,105.11 |
| Replace lavatory, vitreous china | 35 | 7.00 Ea. | \$4,708.02 | \$5,657.55 | 1.1429 | 1 | 1 | \$5,657.55 | \$5,657.55 |
| Replace faucet washer sink, stainless steel | 2 | 4.00 Ea. | \$51.11 | \$63.66 | 20.0000 | 20 | 20 | \$1,273.28 | \$1,273.28 |
| Clean trap sink, stainless steel | 3 | 4.00 Ea. | \$34.28 | \$42.87 | 13.3333 | 13 | 13 | \$557.37 | \$557.37 |
| Replace faucets sink, stainless steel | 10 | 4.00 Ea. | \$726.90 | \$875.02 | 4.0000 | 4 | 4 | \$3,500.09 | \$3,500.09 |
| Unstop sink, stainless steel | 2 | 4.00 Ea. | \$167.29 | \$209.21 | 20.0000 | 20 | 20 | \$4,184.19 | \$4,184.19 |
| Replace sink, stainless steel | 40 | 4.00 Ea. | \$4,503.79 | \$5,279.28 | 1.0000 | 1 | 1 | \$5,279.28 | \$5,279.28 |
| Replace faucet washer sink, service/utility | 2 | 2.00 Ea. | \$25.55 | \$31.83 | 20.0000 | 20 | 20 | \$636.64 | \$636.64 |
| Clean trap | 3 | 2.00 Ea. | \$17.14 | \$21.44 | 13.3333 | 13 | 13 | \$278.68 | \$278.68 |
| Replace faucets sink, service/utility | 10 | 2.00 Ea. | \$363.45 | \$437.51 | 4.0000 | 4 | 4 | \$1,750.04 | \$1,750.04 |
| Unstop sink | 2 | 2.00 Ea. | \$83.64 | \$104.60 | 20.0000 | 20 | 20 | \$2,092.09 | \$2,092.09 |
| Replace sink, P.E.C.I. service/utility | 35 | 2.00 Ea. | \$3,134.50 | \$3,665.92 | 1.1429 | 1 | 1 | \$3,665.92 | \$3,665.92 |
| Check / minor repairs drinking fountain | 1 | 3.00 Ea. | \$146.65 | \$183.40 | 40.0000 | 40 | 40 | \$7,335.91 | \$7,335.91 |
| Repair internal leaks drinking fountain | 4 | 3.00 Ea. | \$135.24 | \$169.13 | 10.0000 | 10 | 10 | \$1,691.33 | \$1,691.33 |
| Correct water pressure drinking fountain | 2 | 3.00 Ea. | \$125.46 | \$156.91 | 20.0000 | 20 | 20 | \$3,138.14 | \$3,138.14 |
| Replace refrigerant drinking fountain | 2 | 3.00 Ea. | \$98.05 | \$114.81 | 20.0000 | 20 | 20 | \$2,296.15 | \$2,296.15 |
| Repair drain leak drinking fountain | 4 | 3.00 Ea. | \$101.75 | \$121.60 | 10.0000 | 10 | 8 | \$1,216.04 | \$972.83 |
| Replace fountain drinking fountain | 10 | 3.00 Ea. | \$3,843.47 | \$4,543.68 | 4.0000 | 4 | 4 | \$18,174.71 | \$18,174.71 |
| Resolder joint pipe & fittings, copper | 10 | 2.00 Ea. | \$89.19 | \$110.56 | 4.0000 | 4 | 4 | \$442.24 | \$442.24 |
| Replace pipe and fittings, copper 3/4" | 20 | 16.00 L.F. | \$416.86 | \$502.12 | 2.0000 | 2 | 2 | \$1,004.24 | \$1,004.24 |
| Replace pipe and fittings, copper 2" | 25 | 16.00 L.F. | \$983.75 | \$1,170.32 | 1.6000 | 1 | 1 | \$1,170.32 | \$1,170.32 |
| 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 |
| 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 |
| Unclog main drain pipe & fittings, cast iron | 10 | 1.00 Ea. | \$46.17 | \$57.74 | 4.0000 | 4 | 4 | \$230.95 | \$230.95 |

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| Replace pipe & fittings, cast iron, 4" | 40 | 1,060.00 L.F. | \$70,963.89 | \$85,179.16 | 1.0000 | 1 | 1 | \$85,179.16 | \$85,179.16 |
| Unclog floor drain, PVC | 20 | 1.00 Ea. | \$47.80 | \$59.77 | 2.0000 | 2 | 2 | \$119.55 | \$119.55 |
| Unclog 4" - 12" diameter PVC main drain per L.F. | 10 | 0.10 L.F. | \$0.38 | \$0.47 | 4.0000 | 4 | 4 | \$1.90 | \$1.90 |
| Repair joint pipe and fittings, PVC | 10 | 1.00 Ea. | \$151.29 | \$188.00 | 4.0000 | 4 | 4 | \$752.00 | \$752.00 |
| Replace pipe, 4" pipe and fittings, PVC | 30 | 800.00 L.F. | \$65,271.18 | \$80,307.34 | 1.3333 | 1 | 1 | \$80,307.34 | \$80,307.34 |
| General maintenance & repair drain: roof, scupper, area | 1 | 12.00 Ea. | \$443.85 | \$555.08 | 40.0000 | 40 | 40 | \$22,203.36 | \$22,203.36 |
| Replace drain: roof, scupper, area | 40 | 12.00 Ea. | \$9,443.19 | \$10,948.32 | 1.0000 | 1 | 1 | \$10,948.32 | \$10,948.32 |
| Replace 1000 L.F. of buried 4" diam steel pipe natural gas | 75 | 0.46 M.L.F. | \$23,288.28 | \$27,646.85 | 0.5333 | 0 | 0 | \$0.00 | \$0.00 |
| Repair boiler, gas, 2000 MBH | 7 | 1.00 Ea. | \$5,785.82 | \$6,733.75 | 5.7143 | 5 | 5 | \$33,668.73 | \$33,668.73 |
| Replace boiler, gas, 2000 MBH | 30 | 1.00 Ea. | \$39,838.14 | \$46,620.21 | 1.3333 | 1 | 1 | \$46,620.21 | \$46,620.21 |
| Repair feed water supply pump | 15 | 1.00 Ea. | \$3,564.85 | \$4,131.07 | 2.6667 | 2 | 2 | \$8,262.14 | \$8,262.14 |
| Replace deaerator | 20 | 1.00 Ea. | \$51,805.18 | \$60,455.53 | 2.0000 | 2 | 2 | \$120,911.06 | \$120,911.06 |
| Replace metal flue, all fuel SS, 10" diameter metal flue / chimney | 15 | 24.00 L.F. | \$3,480.35 | \$4,039.16 | 2.6667 | 2 | 2 | \$8,078.33 | \$8,078.33 |
| Repair cooling tower, 100 ton | 10 | 2.00 Ea. | \$9,218.47 | \$10,943.18 | 4.0000 | 4 | 3 | \$43,772.74 | \$32,829.55 |
| Replace cooling tower, 100 ton | 15 | 2.00 Ea. | \$44,865.41 | \$51,662.26 | 2.6667 | 2 | 2 | \$103,324.51 | \$103,324.51 |
| Repair water cooled chiller, 100 ton, reciprocating | 10 | 2.00 Ea. | \$125,651.86 | \$146,809.43 | 4.0000 | 4 | 2 | \$587,237.71 | \$293,618.85 |
| Replace chiller, water cooled, 100 ton, reciprocating | 20 | 2.00 Ea. | \$177,389.08 | \$206,343.98 | 2.0000 | 2 | 2 | \$412,687.95 | \$412,687.95 |
| Repair circulator pump, 1/12 - 3/4 H.P. | 5 | 1.00 Ea. | \$98.13 | \$115.73 | 8.0000 | 8 | 6 | \$925.85 | \$694.39 |
| Replace circulator pump, 1/12 - 3/4 H.P. | 15 | 1.00 Ea. | \$3,822.30 | \$4,402.23 | 2.6667 | 2 | 2 | \$8,804.46 | \$8,804.46 |
| 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 |
| Repair damaged pipe insulation, fiberglass 3/4" | 5 | 2.00 Ea. | \$37.88 | \$46.63 | 8.0000 | 8 | 8 | \$373.06 | \$373.06 |
| Replace pipe insulation, fiberglass 3/4" | 5 | 1.10 M.L.F. | \$8,312.25 | \$10,205.48 | 8.0000 | 8 | 8 | \$81,643.83 | \$81,643.83 |
| 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 |
| Replace terminal reheat, 36" x 36" coil | 15 | 2.00 Ea. | \$6,884.93 | \$8,000.51 | 2.6667 | 2 | 2 | \$16,001.01 | \$16,001.01 |
| Repair central station A.H.U., 33,500 CFM | 10 | 2.00 Ea. | \$8,350.77 | \$9,617.71 | 4.0000 | 4 | 3 | \$38,470.83 | \$28,853.12 |
| Replace central station A.H.U., 33,500 CFM | 15 | 2.00 Ea. | \$282,215.90 | \$324,609.06 | 2.6667 | 2 | 2 | \$649,218.13 | \$649,218.13 |
| 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 | 128.00 Ea. | \$10,946.92 | \$13,464.26 | 2.0000 | 2 | 2 | \$26,928.51 | \$26,928.51 |
| 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 |
| 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 |
| Replace fuse | 25 | 98.00 Ea. | \$40,490.10 | \$46,520.43 | 1.6000 | 1 | 1 | \$46,520.43 | \$46,520.43 |
| Replace circuit breaker enclosed, 240 V, 2 pole circuit breaker | 50 | 12.00 Ea. | \$7,708.43 | \$9,094.74 | 0.8000 | 0 | 0 | \$0.00 | \$0.00 |
| Maintenance and repair incandescent lighting fixtures | 10 | 9.00 Ea. | \$619.79 | \$737.87 | 4.0000 | 4 | 2 | \$2,951.46 | \$1,475.73 |

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| Replace incandescent lighting fixture lamp | 5 | 9.00 Ea. | \$103.34 | \$124.81 | 8.0000 | 8 | 8 | \$998.47 | \$998.47 |
| Replace incandescent lighting fixture | 20 | 9.00 Ea. | \$1,264.13 | \$1,527.89 | 2.0000 | 2 | 2 | \$3,055.79 | \$3,055.79 |
| Replace fluorescent light fixture ballast, 80 W | 10 | 208.00 Ea. | \$25,931.04 | \$31,457.35 | 4.0000 | 4 | 2 | \$125,829.38 | \$62,914.69 |
| Replace lamps (2 lamps), 4', 34 W energy saver | 10 | 208.00 Ea. | \$5,244.52 | \$6,568.42 | 4.0000 | 4 | 4 | \$26,273.67 | \$26,273.67 |
| Replace fluorescent fixture, lay-in, recess mtd, 2' x 4', two 40 W | 20 | 122.00 Ea. | \$27,747.32 | \$33,844.65 | 2.0000 | 2 | 2 | \$67,689.30 | \$67,689.30 |
| Replace metal halide ballast, 175 W | 10 | 14.00 Ea. | \$2,078.78 | \$2,496.21 | 4.0000 | 4 | 4 | \$9,984.86 | \$9,984.86 |
| Replace metal halide fixture lamp, 175 W | 5 | 14.00 Ea. | \$699.82 | \$856.15 | 8.0000 | 8 | 8 | \$6,849.21 | \$6,849.21 |
| Repair smoke detector | 10 | 90.00 Ea. | \$5,074.88 | \$6,274.27 | 4.0000 | 4 | 3 | \$25,097.06 | \$18,822.80 |
| Check operation smoke detector | 1 | 90.00 Ea. | \$1,457.48 | \$1,826.01 | 40.0000 | 40 | 40 | \$73,040.49 | \$73,040.49 |
| Replace smoke detector | 15 | 90.00 Ea. | \$25,581.36 | \$30,551.57 | 2.6667 | 2 | 2 | \$61,103.15 | \$61,103.15 |
| Check and repair manual pull station | 10 | 12.00 Ea. | \$1,052.36 | \$1,293.96 | 4.0000 | 4 | 3 | \$5,175.85 | \$3,881.89 |
| Replace manual pull station | 15 | 12.00 Ea. | \$2,441.61 | \$2,939.29 | 2.6667 | 2 | 2 | \$5,878.59 | \$5,878.59 |
| Minor repairs to fire alarm control panel | 5 | 1.00 Ea. | \$149.71 | \$182.27 | 8.0000 | 8 | 8 | \$1,458.20 | \$1,458.20 |
| Maintenance and inspection fire alarm control panel | 0.5 | 1.00 Ea. | \$43.18 | \$54.10 | 80.0000 | 80 | 80 | \$4,328.33 | \$4,328.33 |
| Replace fire alarm control panel | 15 | 1.00 Ea. | \$1,953.46 | \$2,391.92 | 2.6667 | 2 | 2 | \$4,783.84 | \$4,783.84 |
| Minor repairs to annunciation panel | 5 | 1.00 Ea. | \$149.71 | \$182.27 | 8.0000 | 8 | 8 | \$1,458.20 | \$1,458.20 |
| 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 | 1.00 Ea. | \$1,126.52 | \$1,354.55 | 2.6667 | 2 | 2 | \$2,709.11 | \$2,709.11 |
| Replace lamp emergency lighting fixture | 2 | 14.00 Ea. | \$765.65 | \$922.26 | 20.0000 | 20 | 20 | \$18,445.18 | \$18,445.18 |
| Replace emergency lighting fixture | 20 | 14.00 Ea. | \$8,433.15 | \$9,936.66 | 2.0000 | 2 | 2 | \$19,873.32 | \$19,873.32 |
| Replace lamp with exit light L.E.D. retrofit kits | 15 | 14.00 Ea. | \$1,009.60 | \$1,167.78 | 2.6667 | 2 | 2 | \$2,335.57 | \$2,335.57 |
| Maintenance and repair voice/data outlet | 10 | 22.00 Ea. | \$1,128.45 | \$1,409.28 | 4.0000 | 4 | 4 | \$5,637.11 | \$5,637.11 |
| Remove and replace hydraulic dock leveler lift cylinder | 15 | 3.00 Ea. | \$25,481.40 | \$29,011.82 | 2.6667 | 2 | 2 | \$58,023.63 | \$58,023.63 |
| Replace commercial dishwasher, 10 to 12 racks per hour | 10 | 1.00 Ea. | \$5,289.53 | \$6,111.07 | 4.0000 | 4 | 4 | \$24,444.27 | \$24,444.27 |
| Remove and replace waste compactor hydraulic pump | 20 | 1.00 Ea. | \$1,368.61 | \$1,570.14 | 2.0000 | 2 | 2 | \$3,140.28 | \$3,140.28 |
| Repair clay brick wall, 1st floor | 25 | 1,392.00 S.F. | \$59,823.45 | \$73,420.30 | 1.6000 | 1 | 1 | \$73,420.30 | \$73,420.30 |
| Point clay brick wall, 1st floor | 25 | 139.20 C.S.F. | \$112,489.49 | \$138,808.46 | 1.6000 | 1 | 1 | \$138,808.46 | \$138,808.46 |
| Replace glass - 1st floor (1% of glass) - alum. window fixed | 1 | 12.00 S.F. | \$144.69 | \$170.06 | 40.0000 | 40 | 40 | \$6,802.37 | \$6,802.37 |
| Repair 2'-0" x 3'-0" aluminum window - 1st floor | 20 | 200.00 Ea. | \$28,947.34 | \$34,521.79 | 2.0000 | 2 | 2 | \$69,043.58 | \$69,043.58 |
| Replace 2'-0" x 3'-0" aluminum window - 1st floor | 50 | 200.00 Ea. | \$97,626.33 | \$115,704.85 | 0.8000 | 0 | 0 | \$0.00 | \$0.00 |
| Replace glass - 2nd floor (1% of glass) - alum. window fixed | 1 | 12.50 S.F. | \$1,327.42 | \$1,638.38 | 40.0000 | 40 | 40 | \$65,535.29 | \$65,535.29 |
| Repair 2'-0" x 3'-0" aluminum window - 2nd floor | 20 | 28.00 Ea. | \$5,356.94 | \$6,452.76 | 2.0000 | 2 | 2 | \$12,905.53 | \$12,905.53 |

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| Replace 2'-0" x 3'-0" aluminum window - 2nd floor | 50 | 28.00 Ea. | \$14,972.00 | \$17,818.39 | 0.8000 | 0 | 0 | \$0.00 | \$0.00 |
| Repair aluminum door | 12 | 5.00 Ea. | \$1,912.31 | \$2,243.92 | 3.3333 | 3 | 3 | \$6,731.76 | \$6,731.76 |
| Replace 3'-0" x 7'-0" flush aluminum door | 50 | 5.00 Ea. | \$9,185.48 | \$10,530.66 | 0.8000 | 0 | 0 | \$0.00 | \$0.00 |
| Replace wire glass - (3% of glass) aluminum door | 1 | 3.20 S.F. | \$142.99 | \$166.32 | 40.0000 | 40 | 40 | \$6,652.75 | \$6,652.75 |
| Repair aluminum sliding door | 12 | 8.00 Ea. | \$3,105.19 | \$3,760.91 | 3.3333 | 3 | 3 | \$11,282.74 | \$11,282.74 |
| Replace 3'-0" x 7'-0" aluminum sliding door | 50 | 8.00 Ea. | \$15,367.27 | \$17,620.40 | 0.8000 | 0 | 0 | \$0.00 | \$0.00 |
| Repair steel, painted, door | 14 | 11.00 Ea. | \$6,875.82 | \$8,184.06 | 2.8571 | 2 | 2 | \$16,368.13 | \$16,368.13 |
| Refinish 3'-0" x 7'-0" steel, painted, door | 4 | 11.00 Ea. | \$455.40 | \$559.53 | 10.0000 | 10 | 10 | \$5,595.29 | \$5,595.29 |
| Replace 3'-0" x 7'-0" steel, painted, door | 45 | 11.00 Ea. | \$7,755.70 | \$9,017.04 | 0.8889 | 0 | 0 | \$0.00 | \$0.00 |
| Replace tempered glass - (3% of glass) steel painted door | 1 | 6.90 S.F. | \$155.92 | \$186.31 | 40.0000 | 40 | 40 | \$7,452.24 | \$7,452.24 |
| Repair 12' x 12' steel roll-up door | 10 | 3.00 Ea. | \$2,027.69 | \$2,406.65 | 4.0000 | 4 | 4 | \$9,626.60 | \$9,626.60 |
| | | | \$2,682,534.59 | \$3,177,978.80 | | | | MR Subtotal | \$5,475,546.12 |
| | | | | | | | | MR Per Year | \$136,720.31 |
| | | | | | | | | PM Total | \$13,291.29 |
| | | | | | | | | Subtotal | \$150,011.60 |
| | | | | | | | | Total Per Unit | \$2.44 |

FAC 7349 COMMISSARY

SUC \$2.44

Release 2021 Qtr 3

UM SF

Zip Code Prefix 222

Design Life 40

Type PM

Average Size 61369.0

| Description | Qty | Labor Hours | Bare Mat | Bare Labor | Bare Equip | Bare Total | Total In-House | Total Incl OP |
|--|-------|-------------|----------|------------|------------|------------|----------------|---------------|
| Fire doors, swinging, annualized | 16.00 | 6.27 | \$229.14 | \$232.92 | \$0.00 | \$462.06 | \$554.85 | \$659.10 |
| Fire doors, overhead, annualized | 3.00 | 8.57 | \$123.61 | \$304.74 | \$0.00 | \$428.35 | \$532.13 | \$642.10 |
| Urinals, annualized | 2.00 | 0.46 | \$12.64 | \$22.91 | \$0.00 | \$35.54 | \$43.68 | \$52.45 |
| Lavatories, annualized | 7.00 | 2.44 | \$41.75 | \$144.92 | \$0.00 | \$186.68 | \$234.33 | \$284.07 |
| Drink fountain, annualized | 3.00 | 1.86 | \$62.18 | \$93.83 | \$0.00 | \$156.00 | \$190.37 | \$227.84 |
| 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, over 1000 MBH, annualized | 1.00 | 19.70 | \$77.34 | \$1,189.35 | \$0.00 | \$1,266.69 | \$1,631.23 | \$1,999.64 |
| Chiller, recip., water cooled, over 50 tons, annualized | 2.00 | 21.82 | \$35.59 | \$1,312.69 | \$0.00 | \$1,348.28 | \$1,745.64 | \$2,144.79 |
| Extinguishing system, wet pipe, annualized | 1.00 | 11.34 | \$68.24 | \$678.37 | \$0.00 | \$746.61 | \$956.95 | \$1,170.70 |
| Switch, selector, high voltage, air, annualized | 1.00 | 0.41 | \$15.16 | \$26.94 | \$0.00 | \$42.09 | \$51.69 | \$62.04 |
| Motor control center, over 400 A, annualized | 20.00 | 7.78 | \$463.95 | \$518.00 | \$0.00 | \$981.95 | \$1,183.74 | \$1,408.74 |
| Fire alarm annunciator system, annualized | 1.00 | 11.05 | \$179.39 | \$652.68 | \$0.00 | \$832.07 | \$1,045.82 | \$1,268.53 |
| Security, intrusion alarm system, annualized | 1.00 | 3.83 | \$162.90 | \$226.88 | \$0.00 | \$389.78 | \$474.14 | \$566.64 |
| Hydraulic lift, loading dock, annually | 3.00 | 2.45 | \$48.82 | \$83.42 | \$0.00 | \$132.24 | \$162.15 | \$194.50 |
| Food saw, electric, annualized | 2.00 | 3.18 | \$173.05 | \$108.24 | \$0.00 | \$281.28 | \$331.06 | \$389.49 |
| Oven, rotary, gas, annualized | 1.00 | 16.86 | \$112.31 | \$577.07 | \$0.00 | \$689.38 | \$873.73 | \$1,063.70 |
| Refrigerator, display case, annualized | 12.00 | 3.36 | \$65.46 | \$114.82 | \$0.00 | \$180.28 | \$221.27 | \$265.53 |
| Refrigerator freezer, walk-in box w/external condenser, annualized | 2.00 | 2.93 | \$414.85 | \$100.46 | \$0.00 | \$515.32 | \$586.94 | \$679.31 |
| | | | | | | \$8,820.03 | \$10,997.03 | \$13,291.29 |

FAC 7349 COMMISSARY
Modeled Component List
CostWorks Release 2021 Qtr 3

| | | |
|--|--------------|--|
| B20 Exterior Enclosure | | |
| Steel Single, Roll-Up | 3.0 Ea. | |
| Aluminum Window, Fixed, 1st floor | 200.0 Ea. | |
| Aluminum Window, Fixed, 2nd floor | 28.0 Ea. | |
| Aluminum Doors, Flush | 5.0 Ea. | |
| Aluminum Doors, Sliding | 8.0 Ea. | |
| Steel, Painted | 11.0 Ea. | |
| B30 Roofing | | |
| Built-Up Roofing | 610.0 Sq. | |
| C10 Interior Construction | | |
| Aluminum Interior Doors | 17.0 Ea. | |
| Solid Core Interior Doors | 17.0 Ea. | |
| Fire Doors, Swinging, annualized | 16.0 Each | |
| Fire Doors, Overhead, annualized | 3.0 Each | |
| C30 Interior Finishes | | |
| Drywall | 10000.0 S.F. | |
| Concrete, Finished | 83.8 C.S.F. | |
| Vinyl | 3374.0 S.Y. | |
| Plaster | 303.3 S.Y. | |
| Acoustic Tile, fire-rated | 335.2 C.S.F. | |
| D20 Plumbing | | |
| Tankless Water Closet | 7.0 Ea. | |
| Urinal | 2.0 Ea. | |
| Lavatory, Vitreous China | 7.0 Ea. | |
| Sink, Stainless Steel | 4.0 Ea. | |
| Service/Utility Sink | 2.0 Ea. | |
| Drinking Fountain | 3.0 Ea. | |
| Water Heater, Gas / Oil, 70 Gallon | 1.0 Ea. | |
| Drain: Roof, Scupper, Area | 12.0 Ea. | |
| D30 HVAC | | |
| Boiler, Gas, 2000 MBH | 1.0 Ea. | |
| Deaerator | 1.0 Ea. | |
| Cooling Tower, 100 ton | 2.0 Ea. | |
| Chiller, Water Cooled, Reciprocating, 100 ton | 2.0 Ea. | |
| Circulator Pump, 1/12 - 3/4 H.P. | 1.0 Ea. | |
| Circulator Pump, 1 H.P. | 2.0 Ea. | |
| Terminal Reheat Coil, 36" x 36" | 2.0 Ea. | |
| Central Station Air Conditioning Air Handling Unit, 33,500 CFM | 2.0 Ea. | |
| D40 Fire Protection | | |
| Sprinkler System, Fire Supression, sprinkler head | 128.0 Ea. | |
| Sprinkler System, Fire Supression , 3" backflow preventer | 1.0 Ea. | |
| D50 Electrical | | |
| Switchgear, Mainframe | 1.0 Ea. | |
| Incandescent Lighting Fixtures | 9.0 Ea. | |
| Fluorescent Lighting Fixture | 122.0 Ea. | |
| Smoke Detector | 90.0 Ea. | |
| Manual Pull Station | 12.0 Ea. | |
| Fire Alarm Control Panel | 1.0 Ea. | |
| Annunciation Panel | 1.0 Ea. | |
| Emergency Lighting Fixture | 14.0 Ea. | |
| E10 Equipment | | |
| Dishwasher | 1.0 Ea. | |

Refrigerator freezer, walk-in, annualized

2.0 Each

FAC 7349 COMMISSARY
Sustainment by Year
CostWorks Release 2021 Qtr 3

