

FAC 7233 DINING SUPPORT FACILITY

FY22 SUC: \$6.72 / SF
Source: Calculated using R.S. Means CostWorks 2021 Qtr 3
component prices

FAC 7233 DINING SUPPORT FACILITY

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM SF
Design Life 40
Average Size 3680.0

SUC \$6.72

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 |
|--|-----------|---------------|----------------|---------------|-----------------------|----------------------------|----------------------|-------------|---------------|
| Replace flush valve diaphragm for a urinal | 7 | 3.00 Ea. | \$78.66 | \$97.61 | 5.7143 | 5 | 5 | \$488.04 | \$488.04 |
| Repair 8" concrete block wall, 1st floor | 25 | 55.10 S.F. | \$1,334.24 | \$1,632.24 | 1.6000 | 1 | 1 | \$1,632.24 | \$1,632.24 |
| Replace glass - 1st floor (1% of glass) - steel frame window | 1 | 1.80 S.F. | \$21.70 | \$25.51 | 40.0000 | 40 | 40 | \$1,020.36 | \$1,020.36 |
| Repair 3'-9" x 5'-5" steel frame window - 1st floor. | 20 | 9.00 Ea. | \$2,684.73 | \$3,153.76 | 2.0000 | 2 | 2 | \$6,307.53 | \$6,307.53 |
| Refinish 3'-9" x 5'-5" steel frame window - 1st floor. | 5 | 9.00 Ea. | \$720.75 | \$894.12 | 8.0000 | 8 | 8 | \$7,152.97 | \$7,152.97 |
| Replace glass - 1st floor. (1% of glass) - alum. window | 1 | 4.80 S.F. | \$57.88 | \$68.02 | 40.0000 | 40 | 40 | \$2,720.95 | \$2,720.95 |
| Repair 3' x 4' aluminum window - 1st floor | 20 | 4.00 Ea. | \$1,047.59 | \$1,233.21 | 2.0000 | 2 | 2 | \$2,466.41 | \$2,466.41 |
| Replace 3' x 4' aluminum window - 1st floor | 50 | 4.00 Ea. | \$3,259.15 | \$3,798.90 | 0.8000 | 0 | 0 | \$0.00 | \$0.00 |
| Repair aluminum storefront door | 12 | 2.00 Ea. | \$926.84 | \$1,109.03 | 3.3333 | 3 | 3 | \$3,327.09 | \$3,327.09 |
| Replace 3'-0" x 7'-0" aluminum storefront doors | 50 | 2.00 Ea. | \$4,091.53 | \$4,838.20 | 0.8000 | 0 | 0 | \$0.00 | \$0.00 |
| Replace insulating glass - (3% of glass) aluminum storefront door | 1 | 21.00 S.F. | \$1,089.74 | \$1,274.68 | 40.0000 | 40 | 40 | \$50,987.15 | \$50,987.15 |
| Repair steel, painted, door | 14 | 4.00 Ea. | \$2,500.30 | \$2,976.02 | 2.8571 | 2 | 2 | \$5,952.05 | \$5,952.05 |
| Replace 3'-0" x 7'-0" steel, painted, door | 45 | 4.00 Ea. | \$2,820.26 | \$3,278.92 | 0.8889 | 0 | 0 | \$0.00 | \$0.00 |
| Repair 12' x 12' steel roll-up door | 10 | 2.00 Ea. | \$1,351.79 | \$1,604.43 | 4.0000 | 4 | 4 | \$6,417.73 | \$6,417.73 |
| Debris removal, by hand and visual inspection, metal panel roofing | 1 | 0.20 M.S.F. | \$4.56 | \$5.56 | 40.0000 | 40 | 40 | \$222.32 | \$222.32 |
| Minor metal roof finish repairs, 2% of roof area, metal panel roofing | 5 | 116.00 S.F. | \$405.20 | \$486.15 | 8.0000 | 8 | 8 | \$3,889.21 | \$3,889.21 |
| Metal roof flashing replacement, 2 SF/sq repaired, metal panel roofing | 1 | 2.00 S.F. | \$36.60 | \$44.34 | 40.0000 | 40 | 40 | \$1,773.80 | \$1,773.80 |
| Minor metal roof panel replacement, 2.5% of roof area | 20 | 145.00 S.F. | \$1,657.00 | \$1,967.95 | 2.0000 | 2 | 2 | \$3,935.90 | \$3,935.90 |
| Total metal roof panel replacement | 30 | 36.00 Sq. | \$30,425.28 | \$36,036.58 | 1.3333 | 1 | 1 | \$36,036.58 | \$36,036.58 |
| Repair steel painted interior door | 14 | 8.00 Ea. | \$2,347.62 | \$2,732.51 | 2.8571 | 2 | 2 | \$5,465.02 | \$5,465.02 |
| Refinish 3'-0" x 7'-0" steel painted interior door | 4 | 8.00 Ea. | \$420.68 | \$518.29 | 10.0000 | 10 | 10 | \$5,182.91 | \$5,182.91 |
| Replace 3'-0" x 7'-0" steel painted interior door | 60 | 8.00 Ea. | \$9,744.28 | \$11,296.67 | 0.6667 | 0 | 0 | \$0.00 | \$0.00 |
| Repair concrete steps | 15 | 42.00 S.F. | \$959.70 | \$1,110.93 | 2.6667 | 2 | 2 | \$2,221.86 | \$2,221.86 |
| Refinish metal stair railing, interior | 7 | 87.00 S.F. | \$127.15 | \$156.78 | 5.7143 | 5 | 5 | \$783.88 | \$783.88 |
| Repair 5/8" drywall - (2% of walls) | 20 | 54.60 S.F. | \$91.47 | \$111.30 | 2.0000 | 2 | 2 | \$222.60 | \$222.60 |
| Refinish drywall | 4 | 2,730.00 S.F. | \$1,695.28 | \$2,085.47 | 10.0000 | 10 | 10 | \$20,854.75 | \$20,854.75 |
| Replace 5/8" drywall | 75 | 2,730.00 S.F. | \$6,362.56 | \$7,786.52 | 0.5333 | 0 | 0 | \$0.00 | \$0.00 |
| Office painting, 10' x 12', 10' high walls | 5 | 4.00 Ea. | \$883.94 | \$1,084.25 | 8.0000 | 8 | 8 | \$8,674.02 | \$8,674.02 |

| Description | Frequency | Qty Unit | Total In-House | Total Incl OP | Design Life/Frequency | Occurrences in Design Life | Adjusted Occurrences | Life Cost | Adjusted Cost |
|--|-----------|---------------|----------------|---------------|-----------------------|----------------------------|----------------------|-------------|---------------|
| Repair 4" x 4" thin set ceramic tile - (2% of walls) | 10 | 0.78 C.S.F. | \$640.33 | \$771.62 | 4.0000 | 4 | 4 | \$3,086.49 | \$3,086.49 |
| Replace 4" x 4" thin set ceramic tile | 75 | 36.40 C.S.F. | \$32,298.13 | \$39,023.64 | 0.5333 | 0 | 0 | \$0.00 | \$0.00 |
| Refinish concrete floor finished | 25 | 28.00 C.S.F. | \$11,811.16 | \$14,187.05 | 1.6000 | 1 | 1 | \$14,187.05 | \$14,187.05 |
| Quarry tile floor repairs - (2% of floors) | 15 | 56.00 S.F. | \$354.37 | \$441.84 | 2.6667 | 2 | 2 | \$883.69 | \$883.69 |
| Replace quarry tile floor | 50 | 2,800.00 S.F. | \$34,262.01 | \$41,358.61 | 0.8000 | 0 | 0 | \$0.00 | \$0.00 |
| Replace flush valve diaphragm tankless water closet | 10 | 4.00 Ea. | \$104.88 | \$130.14 | 4.0000 | 4 | 4 | \$520.57 | \$520.57 |
| Rebuild flush valve tankless water closet | 20 | 4.00 Ea. | \$721.74 | \$869.83 | 2.0000 | 2 | 2 | \$1,739.66 | \$1,739.66 |
| Unplug clogged line tankless water closet | 5 | 4.00 Ea. | \$873.58 | \$1,092.51 | 8.0000 | 8 | 8 | \$8,740.06 | \$8,740.06 |
| Rebuild flush valve for a urinal | 20 | 3.00 Ea. | \$541.30 | \$652.37 | 2.0000 | 2 | 2 | \$1,304.74 | \$1,304.74 |
| Unplug line urinal | 5 | 3.00 Ea. | \$435.22 | \$544.28 | 8.0000 | 8 | 8 | \$4,354.27 | \$4,354.27 |
| Replace washer in spud connection lavatory, vitreous china | 7 | 6.00 Ea. | \$98.78 | \$120.48 | 5.7143 | 5 | 5 | \$602.40 | \$602.40 |
| Replace washer in faucet lavatory, vitreous china | 2 | 6.00 Ea. | \$77.31 | \$96.31 | 20.0000 | 20 | 20 | \$1,926.22 | \$1,926.22 |
| Replace faucets lavatory, vitreous china | 10 | 6.00 Ea. | \$1,090.36 | \$1,312.53 | 4.0000 | 4 | 4 | \$5,250.13 | \$5,250.13 |
| Clean out strainer and P trap lavatory, vitreous china | 2 | 6.00 Ea. | \$209.22 | \$261.65 | 20.0000 | 20 | 20 | \$5,232.95 | \$5,232.95 |
| Replace faucet washer sink, stainless steel | 2 | 5.00 Ea. | \$63.88 | \$79.58 | 20.0000 | 20 | 20 | \$1,591.60 | \$1,591.60 |
| Clean trap sink, stainless steel | 3 | 5.00 Ea. | \$42.85 | \$53.59 | 13.3333 | 13 | 13 | \$696.71 | \$696.71 |
| Replace faucets sink, stainless steel | 10 | 5.00 Ea. | \$908.63 | \$1,093.78 | 4.0000 | 4 | 4 | \$4,375.11 | \$4,375.11 |
| Unstop sink, stainless steel | 2 | 5.00 Ea. | \$209.11 | \$261.51 | 20.0000 | 20 | 20 | \$5,230.23 | \$5,230.23 |
| Replace sink, stainless steel | 40 | 5.00 Ea. | \$5,629.74 | \$6,599.10 | 1.0000 | 1 | 1 | \$6,599.10 | \$6,599.10 |
| Replace faucet washer sink, service/utility | 2 | 1.00 Ea. | \$12.78 | \$15.92 | 20.0000 | 20 | 20 | \$318.32 | \$318.32 |
| Clean trap | 3 | 1.00 Ea. | \$8.57 | \$10.72 | 13.3333 | 13 | 13 | \$139.34 | \$139.34 |
| Replace faucets sink, service/utility | 10 | 1.00 Ea. | \$181.73 | \$218.76 | 4.0000 | 4 | 4 | \$875.02 | \$875.02 |
| Unstop sink | 2 | 1.00 Ea. | \$41.82 | \$52.30 | 20.0000 | 20 | 20 | \$1,046.05 | \$1,046.05 |
| Replace sink, P.E.C.I. service/utility | 35 | 1.00 Ea. | \$1,567.25 | \$1,832.96 | 1.1429 | 1 | 1 | \$1,832.96 | \$1,832.96 |
| Minor repairs, adjustments water heater, gas / oil, 1150 GPH | 2 | 1.00 Ea. | \$98.31 | \$122.94 | 20.0000 | 20 | 20 | \$2,458.89 | \$2,458.89 |
| Clean & service water heater, gas / oil, 1150 GPH | 2 | 1.00 Ea. | \$586.59 | \$733.59 | 20.0000 | 20 | 20 | \$14,671.82 | \$14,671.82 |
| Insp/chk pump/mtr oper, lub, chk align circulation pump, CI 1-1/2 HP | 0.5 | 1.00 Ea. | \$11.95 | \$14.94 | 80.0000 | 80 | 80 | \$1,195.48 | \$1,195.48 |
| Replace pump / motor assembly circulation pump, CI 1-1/2 HP | 20 | 1.00 Ea. | \$3,155.04 | \$3,643.98 | 2.0000 | 2 | 2 | \$7,287.96 | \$7,287.96 |
| Unclog main drain pipe & fittings, cast iron | 10 | 1.00 Ea. | \$46.17 | \$57.74 | 4.0000 | 4 | 4 | \$230.95 | \$230.95 |
| Replace pipe & fittings, cast iron, 4" | 40 | 10.00 L.F. | \$669.47 | \$803.58 | 1.0000 | 1 | 1 | \$803.58 | \$803.58 |
| Replace pipe, 4" pipe and fittings, PVC | 30 | 30.00 L.F. | \$2,447.67 | \$3,011.53 | 1.3333 | 1 | 1 | \$3,011.53 | \$3,011.53 |
| General maintenance & repair drain: roof, scupper, area | 1 | 1.00 Ea. | \$36.99 | \$46.26 | 40.0000 | 40 | 40 | \$1,850.28 | \$1,850.28 |
| Replace drain: roof, scupper, area | 40 | 1.00 Ea. | \$786.93 | \$912.36 | 1.0000 | 1 | 1 | \$912.36 | \$912.36 |

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|--|-----------|-----------|----------------|---------------|-----------------------|----------------------------|----------------------|-------------|---------------|
| Repair boiler, gas, 250 MBH | 7 | 1.00 Ea. | \$2,031.05 | \$2,390.45 | 5.7143 | 5 | 5 | \$11,952.25 | \$11,952.25 |
| Replace boiler, gas, 250 MBH | 30 | 1.00 Ea. | \$9,398.04 | \$11,210.13 | 1.3333 | 1 | 1 | \$11,210.13 | \$11,210.13 |
| Replace roof mounted exhaust fan, 8500 CFM exhaust fan | 20 | 2.00 Ea. | \$7,879.67 | \$9,146.83 | 2.0000 | 2 | 2 | \$18,293.66 | \$18,293.66 |
| 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 |
| Replace terminal reheat, 18" x 24" coil | 15 | 2.00 Ea. | \$4,018.01 | \$4,624.74 | 2.6667 | 2 | 2 | \$9,249.48 | \$9,249.48 |
| Repair terminal reheat, 36" x 36" coil | 10 | 1.00 Ea. | \$162.94 | \$203.78 | 4.0000 | 4 | 4 | \$815.10 | \$815.10 |
| Repair single zone rooftop unit, 7.5 ton | 10 | 1.00 Ea. | \$3,425.72 | \$4,067.04 | 4.0000 | 4 | 4 | \$16,268.15 | \$16,268.15 |
| Replace single zone rooftop unit, 7.5 ton | 15 | 1.00 Ea. | \$11,094.64 | \$13,134.98 | 2.6667 | 2 | 2 | \$26,269.95 | \$26,269.95 |
| Repair central station A.H.U., 1900 CFM | 10 | 1.00 Ea. | \$553.50 | \$659.94 | 4.0000 | 4 | 3 | \$2,639.75 | \$1,979.82 |
| Replace central station A.H.U., 1900 CFM | 15 | 1.00 Ea. | \$13,917.09 | \$16,032.67 | 2.6667 | 2 | 2 | \$32,065.34 | \$32,065.34 |
| Rebuild 4" diameter reduced pressure backflow preventer | 10 | 1.00 Ea. | \$664.67 | \$779.78 | 4.0000 | 4 | 4 | \$3,119.13 | \$3,119.13 |
| 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 | 25.00 Ea. | \$2,138.07 | \$2,629.74 | 2.0000 | 2 | 2 | \$5,259.48 | \$5,259.48 |
| 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, indoor, less than 600 V | 3 | 1.00 Ea. | \$40.64 | \$50.92 | 13.3333 | 13 | 13 | \$661.98 | \$661.98 |
| Replace switchgear, 225 A | 30 | 1.00 Ea. | \$5,947.52 | \$6,922.93 | 1.3333 | 1 | 1 | \$6,922.93 | \$6,922.93 |
| Maintenance and repair motor starter, up to 600 V | 5 | 6.00 Ea. | \$1,677.83 | \$2,025.59 | 8.0000 | 8 | 8 | \$16,204.71 | \$16,204.71 |
| Maintenance and inspection motor starter, up to 600 V | 0.5 | 6.00 Ea. | \$323.88 | \$405.78 | 80.0000 | 80 | 80 | \$32,462.44 | \$32,462.44 |
| Replace starter motor starter, up to 600 V | 18 | 6.00 Ea. | \$4,831.87 | \$5,748.45 | 2.2222 | 2 | 2 | \$11,496.89 | \$11,496.89 |
| Maintenance and inspection lighting panel, indoor | 3 | 1.00 Ea. | \$40.64 | \$50.92 | 13.3333 | 13 | 13 | \$661.98 | \$661.98 |
| Repair failed breaker, molded case, 600 V, 3 pole | 10 | 2.00 Ea. | \$744.14 | \$885.26 | 4.0000 | 4 | 4 | \$3,541.05 | \$3,541.05 |
| Replace fluorescent light fixture ballast, 80 W | 10 | 48.00 Ea. | \$5,984.09 | \$7,259.39 | 4.0000 | 4 | 2 | \$29,037.55 | \$14,518.77 |
| Replace lamps (2 lamps), 4', 34 W energy saver | 10 | 48.00 Ea. | \$1,210.27 | \$1,515.79 | 4.0000 | 4 | 4 | \$6,063.16 | \$6,063.16 |
| Replace fluorescent fixture, lay-in, recess mtd, 2' x 4', two 40 W | 20 | 48.00 Ea. | \$10,916.98 | \$13,315.93 | 2.0000 | 2 | 2 | \$26,631.86 | \$26,631.86 |
| Replace high pressure sodium ballast, 250 W | 10 | 8.00 Ea. | \$1,550.79 | \$1,838.81 | 4.0000 | 4 | 2 | \$7,355.23 | \$3,677.62 |
| Replace high pressure sodium fixture lamp, 250 W | 10 | 8.00 Ea. | \$445.26 | \$540.78 | 4.0000 | 4 | 4 | \$2,163.12 | \$2,163.12 |
| Replace high pressure sodium fixture, 250 W | 20 | 4.00 Ea. | \$4,876.54 | \$5,676.26 | 2.0000 | 2 | 2 | \$11,352.52 | \$11,352.52 |
| Repair heat detector | 10 | 4.00 Ea. | \$245.51 | \$301.54 | 4.0000 | 4 | 4 | \$1,206.15 | \$1,206.15 |
| Check operation heat detector | 1 | 4.00 Ea. | \$64.78 | \$81.16 | 40.0000 | 40 | 40 | \$3,246.24 | \$3,246.24 |
| Replace heat detector | 15 | 4.00 Ea. | \$683.86 | \$836.16 | 2.6667 | 2 | 2 | \$1,672.33 | \$1,672.33 |
| Check and repair manual pull station | 10 | 3.00 Ea. | \$263.09 | \$323.49 | 4.0000 | 4 | 3 | \$1,293.96 | \$970.47 |
| Replace manual pull station | 15 | 3.00 Ea. | \$610.40 | \$734.82 | 2.6667 | 2 | 2 | \$1,469.65 | \$1,469.65 |

| 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 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 fire alarm bell, 6" | 20 | 4.00 Ea. | \$779.85 | \$941.10 | 2.0000 | 2 | 2 | \$1,882.20 | \$1,882.20 | |
| Replace lamp emergency lighting fixture | 2 | 4.00 Ea. | \$218.76 | \$263.50 | 20.0000 | 20 | 20 | \$5,270.05 | \$5,270.05 | |
| Replace emergency lighting fixture | 20 | 4.00 Ea. | \$2,409.47 | \$2,839.05 | 2.0000 | 2 | 2 | \$5,678.09 | \$5,678.09 | |
| Maintenance and repair exit light | 20 | 4.00 Ea. | \$148.81 | \$184.01 | 2.0000 | 2 | 2 | \$368.03 | \$368.03 | |
| Replace lamp exit light | 5 | 4.00 Ea. | \$67.39 | \$79.85 | 8.0000 | 8 | 8 | \$638.83 | \$638.83 | |
| Replace lighting fixture exit light | 20 | 4.00 Ea. | \$764.14 | \$919.04 | 2.0000 | 2 | 2 | \$1,838.09 | \$1,838.09 | |
| | | | \$291,098.04 | \$346,401.13 | | | | MR Subtotal | \$649,876.39 | |
| | | | | | | | | | MR Per Year | \$16,187.15 |
| | | | | | | | | | PM Total | \$8,526.92 |
| | | | | | | | | | Subtotal | \$24,714.07 |
| | | | | | | | | | Total Per Unit | \$6.72 |

FAC 7233 DINING SUPPORT FACILITY

SUC \$6.72

Release 2021 Qtr 3

UM SF

Zip Code Prefix 222

Design Life 40

Type PM

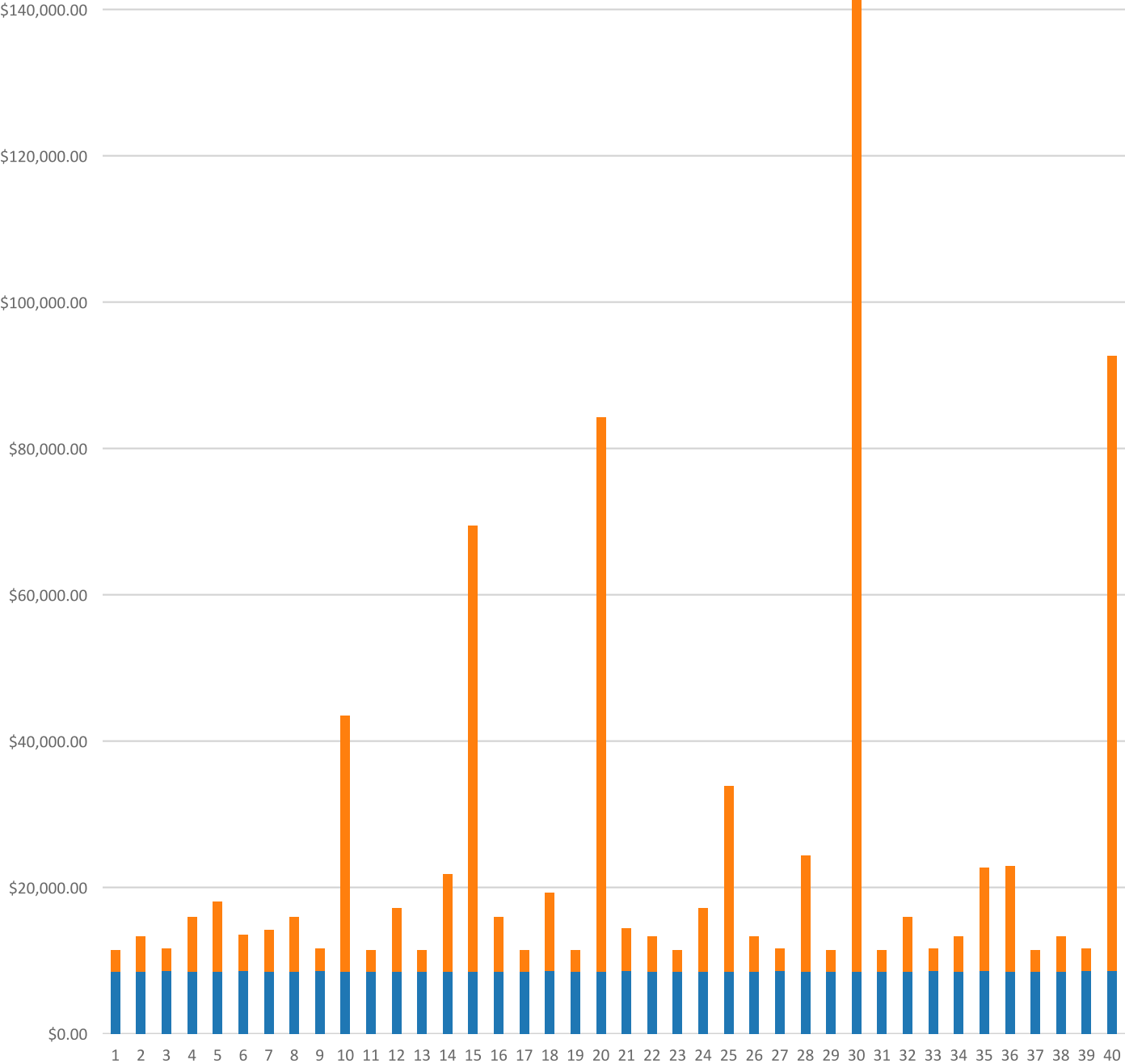
Average Size 3680.0

| Description | Qty | Labor Hours | Bare Mat | Bare Labor | Bare Equip | Bare Total | Total In-House | Total Incl OP |
|--|------|-------------|----------|------------|------------|------------|----------------|---------------|
| Urinals, annualized | 3.00 | 0.68 | \$18.96 | \$34.36 | \$0.00 | \$53.32 | \$65.52 | \$78.67 |
| Toilet (vacuum breaker type), annually | 4.00 | 0.23 | \$16.86 | \$11.45 | \$0.00 | \$28.32 | \$33.44 | \$39.40 |
| Lavatories, annualized | 6.00 | 2.09 | \$35.79 | \$124.22 | \$0.00 | \$160.01 | \$200.86 | \$243.49 |
| 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, 3 thru 24 tons, annualized | 2.00 | 4.12 | \$448.88 | \$207.92 | \$0.00 | \$656.80 | \$764.06 | \$893.77 |
| Fan, axial, 5,000 to 10,000 CFM, annualized | 2.00 | 2.58 | \$71.78 | \$129.51 | \$0.00 | \$201.29 | \$247.32 | \$296.94 |
| Hood and blower, annualized | 2.00 | 4.64 | \$108.18 | \$232.58 | \$0.00 | \$340.76 | \$421.35 | \$507.36 |
| 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 | 6.00 | 2.00 | \$80.37 | \$118.93 | \$0.00 | \$199.31 | \$243.03 | \$290.76 |
| Extinguishing system, wet pipe, annualized | 1.00 | 11.34 | \$68.24 | \$678.37 | \$0.00 | \$746.61 | \$956.95 | \$1,170.70 |
| Transformer, dry type 500 KVA and over, annualized | 1.00 | 0.77 | \$15.16 | \$50.76 | \$0.00 | \$65.92 | \$82.66 | \$100.17 |
| Panelboard, 225 A and above, annualized | 1.00 | 0.44 | \$23.20 | \$29.01 | \$0.00 | \$52.21 | \$63.23 | \$75.41 |
| Fire alarm annunciator system, annualized | 1.00 | 11.05 | \$179.39 | \$652.68 | \$0.00 | \$832.07 | \$1,045.82 | \$1,268.53 |
| Light, emergency, hardwired system, annualized | 8.00 | 2.00 | \$61.86 | \$118.10 | \$0.00 | \$179.96 | \$221.58 | \$266.29 |
| Refrigerator freezer, walk-in box w/external condenser, annualized | 3.00 | 4.40 | \$622.28 | \$150.70 | \$0.00 | \$772.97 | \$880.41 | \$1,018.96 |
| | | | | | | \$5,780.79 | \$7,102.26 | \$8,526.92 |

FAC 7233 DINING SUPPORT FACILITY
Modeled Component List
CostWorks Release 2021 Qtr 3

| | | |
|--|-------------|--|
| B20 Exterior Enclosure | | |
| Aluminum Window, Operating, 1st floor | 4.0 Ea. | |
| Glazed Aluminum | 2.0 Ea. | |
| Steel, Painted | 4.0 Ea. | |
| B30 Roofing | | |
| Metal Steep Roofing | 36.0 Sq. | |
| C10 Interior Construction | | |
| Steel Painted Interior Doors | 8.0 Ea. | |
| C30 Interior Finishes | | |
| Drywall | 2730.0 S.F. | |
| Tile | 36.4 C.S.F. | |
| Concrete, Finished | 28.0 C.S.F. | |
| Quarry Tile | 2800.0 S.F. | |
| D20 Plumbing | | |
| Sink, Stainless Steel | 5.0 Ea. | |
| Service/Utility Sink | 1.0 Ea. | |
| Circulation Pump, C.I. 1-1/2 HP | 1.0 Ea. | |
| Drain: Roof, Scupper, Area | 1.0 Ea. | |
| D30 HVAC | | |
| Boiler, Gas, 250 MBH | 1.0 Ea. | |
| Exhaust Fan, roof mounted exhaust fan, 8500 CFM exhaust | 2.0 Ea. | |
| Circulator Pump, 1 H.P. | 2.0 Ea. | |
| Terminal Reheat Coil, 18" x 24" | 2.0 Ea. | |
| Single Zone Air Conditioner, 7.5ton | 1.0 Ea. | |
| Central Station Air Conditioning Air Handling Unit, 1900 CFM | 1.0 Ea. | |
| D40 Fire Protection | | |
| Backflow Preventer | 1.0 Ea. | |
| Sprinkler System, Fire Suppression, sprinkler head | 25.0 Ea. | |
| Sprinkler System, Fire Suppression , 3" backflow preventer | 1.0 Ea. | |
| D50 Electrical | | |
| Switchgear, Indoor, Less Than 600 V | 1.0 Ea. | |
| Motor Starter, Up To 600 V | 6.0 Ea. | |
| Load Center, 100 A, maintenance & inspection | 1.0 Ea. | |
| Fluorescent Lighting Fixture | 48.0 Ea. | |
| H.P. Sodium Fixture, 250 W | 4.0 Ea. | |
| Heat Detector | 4.0 Ea. | |
| Manual Pull Station | 3.0 Ea. | |
| Annunciation Panel | 1.0 Ea. | |
| Fire Alarm Bell | 4.0 Ea. | |
| Emergency Lighting Fixture | 4.0 Ea. | |
| Exit Light | 4.0 Ea. | |
| E10 Equipment | | |
| Refrigerator freezer, walk-in, annualized | 3.0 Each | |

FAC 7233 DINING SUPPORT FACILITY
Sustainment by Year
CostWorks Release 2021 Qtr 3



PM Cost
MR Cost