

FAC 4311 Cold Storage, Depot

RUC: \$171.32 SF

Source: Tri-Service, deflated to FY-09 using Green Book Table 5-6, MCON
In V12, Tri-Service and USACE PAX Newsletter values were updated while all other values were inflated only.

SUC: \$2.30 SF

Source: Cost Works model in \$FY-08, inflated to \$FY-09 using Green Book Table 5-6
(O&M less DHP)
In V12, values were inflated only.

Model follows:

Chart: A chart showing relative annual sustainment requirements follows:

FAC 4311 Cold Storage, Depot
CostWorks 2008 Quarter 2

Design Life= 45
Average S.F.= 17,266

C.S.F.=100 S.F; MSF=1000 S.F
Sq=100 S.F; M.L.F=1000 L.F

This spreadsheet was exported
from R.S. Means CostWorks

Terminal Cutoff is the removal of a single task occurrence if that task occurs within
10% of the end of the design life and if the frequency of the task exceeds 20% of the
design life. This prevents scheduling major work near the end of the design life.

| Description | Frequency | Crew | Qty | Unit | Total In-House | Total Incl. O&P | Release | Occurrences In Design Life | Adjusted Occurrences | Terminal Cutoff |
|--|-----------|--------|-----------|--------|----------------|-----------------|------------|-------------------------------|-------------------------|-----------------|
| Repair 8" concrete block wall - 1st floor | 25 | 1 Bric | 584.400 | S.F. | 11,723.06 | 14,259.36 | 2008 Qtr 2 | 1 | 1 \$ | 14,259.36 |
| Replace 8" concrete block wall - 1st floor | 60 | 2 Bric | 58.400 | C.S.F. | 58,100.41 | 69,938.09 | 2008 Qtr 2 | 0 | 0 \$ | - |
| Replace 8" concrete block wall - 2nd floor | 60 | 2 Bric | 63.000 | C.S.F. | 66,853.71 | 80,545.50 | 2008 Qtr 2 | 0 | 0 \$ | - |
| Replace glass - 1st floor (1% of glass) | 1 | 1 Carp | 0.400 | S.F. | 3.62 | 4.25 | 2008 Qtr 2 | 45 | 44 \$ | 191.16 |
| Repair 2'-0" x 3'-0" aluminum window - 1st floor | 20 | 1 Carp | 8.000 | Ea. | 919.68 | 1,089.60 | 2008 Qtr 2 | 2 | 2 \$ | 2,179.20 |
| Replace 2'-0" x 3'-0" aluminum window - 1st floor | 50 | 1 Carp | 8.000 | Ea. | 3,508.80 | 4,103.92 | 2008 Qtr 2 | 0 | 0 \$ | - |
| Repair 12' x 12' steel roll-up door | 10 | 1 Carp | 4.000 | Ea. | 3,330.44 | 3,858.16 | 2008 Qtr 2 | 4 | 4 \$ | 15,432.64 |
| Refinish 12' x 12' steel roll-up door | 4 | 1 Pord | 4.000 | Ea. | 675.32 | 822.16 | 2008 Qtr 2 | 11 | 10 \$ | 9,043.76 |
| Replace 12' x 12' steel roll-up door | 35 | 2 Carp | 4.000 | Ea. | 13,301.08 | 15,398.20 | 2008 Qtr 2 | 1 | 1 \$ | 15,398.20 |
| Repair steel, painted, door | 14 | 1 Carp | 1.000 | Ea. | 582.44 | 686.36 | 2008 Qtr 2 | 3 | 2 \$ | 1,372.72 |
| Refinish 3'-0" x 7'-0" steel, painted, door | 4 | 1 Pord | 1.000 | Ea. | 32.91 | 40.31 | 2008 Qtr 2 | 11 | 10 \$ | 443.41 |
| Replace 3'-0" x 7'-0" steel, painted, door | 45 | 1 Carp | 1.000 | Ea. | 532.08 | 620.04 | 2008 Qtr 2 | 1 | 0 \$ | - |
| Debris removal and visual inspection built-up roofing | 0.5 | 2 Rofc | 17.200 | M.S.F. | 504.65 | 608.02 | 2008 Qtr 2 | 90 | 89 \$ | 54,721.80 |
| Non-destructive moisture inspection built-up roofing | 5 | 2 Rofc | 17.200 | M.S.F. | 1,561.42 | 1,888.56 | 2008 Qtr 2 | 9 | 8 \$ | 16,997.04 |
| Minor membrane repairs - (2% of roof area) built-up roofing | 1 | G5 | 1.400 | Sq. | 482.33 | 569.86 | 2008 Qtr 2 | 45 | 44 \$ | 25,643.52 |
| Flashing repairs - (2 S.F. per sq. repaired) built-up roofing | 5 | 2 Rofc | 6.900 | S.F. | 23.18 | 27.60 | 2008 Qtr 2 | 9 | 8 \$ | 248.40 |
| Minor membrane replacement - (25% of roof area) built-up roofing | 15 | G5 | 43.100 | Sq. | 25,619.93 | 30,561.35 | 2008 Qtr 2 | 3 | 2 \$ | 61,122.70 |
| Place new membrane over existing built-up roofing | 20 | G5 | 172.600 | Sq. | 59,438.26 | 70,255.10 | 2008 Qtr 2 | 2 | 2 \$ | 140,510.21 |
| Total roof replacement built-up roofing | 28 | G1 | 172.600 | Sq. | 98,516.63 | 116,668.97 | 2008 Qtr 2 | 1 | 1 \$ | 116,668.97 |
| Repair steel painted interior door | 14 | 1 Carp | 5.000 | Ea. | 838.75 | 990.70 | 2008 Qtr 2 | 3 | 2 \$ | 1,981.40 |
| Refinish 3'-0" x 7'-0" steel painted interior door | 8 | 1 Pord | 5.000 | Ea. | 247.00 | 304.10 | 2008 Qtr 2 | 5 | 5 \$ | 1,520.50 |
| Replace 3'-0" x 7'-0" steel painted interior door | 60 | 1 Carp | 5.000 | Ea. | 4,687.70 | 5,449.80 | 2008 Qtr 2 | 0 | 0 \$ | - |
| Repair solid core wood door interior | 11 | 1 Carp | 9.000 | Ea. | 1,509.75 | 1,783.26 | 2008 Qtr 2 | 4 | 3 \$ | 5,349.78 |
| Refinish 3'-0" x 7'-0" solid core wood door interior | 12 | 1 Pord | 9.000 | Ea. | 379.98 | 467.82 | 2008 Qtr 2 | 3 | 3 \$ | 1,403.46 |
| Replace 3'-0" x 7'-0" solid core wood door interior | 40 | 1 Carp | 9.000 | Ea. | 3,300.30 | 3,826.08 | 2008 Qtr 2 | 1 | 1 \$ | 3,826.08 |
| Repair 8" concrete block wall - (2% of walls) painted | 25 | 1 Bric | 2.900 | C.S.F. | 2,932.51 | 3,520.66 | 2008 Qtr 2 | 1 | 1 \$ | 3,520.66 |
| Refinish concrete block wall painted | 8 | 1 Pord | 145.600 | C.S.F. | 14,147.95 | 17,199.73 | 2008 Qtr 2 | 5 | 5 \$ | 85,998.64 |
| Replace 8" concrete block wall painted | 75 | 2 Bric | 145.600 | C.S.F. | 156,929.14 | 188,725.26 | 2008 Qtr 2 | 0 | 0 \$ | - |
| Repair 5/8" drywall - (2% of walls) | 20 | 1 Carp | 59.400 | S.F. | 94.45 | 113.45 | 2008 Qtr 2 | 2 | 2 \$ | 226.91 |
| Refinish drywall | 8 | 1 Pord | 2,973.000 | S.F. | 1,783.80 | 2,200.02 | 2008 Qtr 2 | 5 | 5 \$ | 11,000.10 |
| Replace 5/8" drywall | 75 | 2 Carp | 2,973.000 | S.F. | 6,629.79 | 7,997.37 | 2008 Qtr 2 | 0 | 0 \$ | - |
| Replace carpet | 8 | 2 Tilf | 153.400 | S.Y. | 6,922.94 | 7,998.28 | 2008 Qtr 2 | 5 | 5 \$ | 39,991.38 |
| Refinish concrete floor finished | 25 | 2 Cefi | 152.300 | C.S.F. | 53,219.71 | 64,071.09 | 2008 Qtr 2 | 1 | 1 \$ | 64,071.09 |
| Replace vinyl floor | 18 | 1 Tilf | 71.800 | S.Y. | 3,428.45 | 4,185.94 | 2008 Qtr 2 | 2 | 2 \$ | 8,371.88 |
| Acoustic tile repairs - (2% of ceilings) | 9 | 1 Carp | 0.200 | C.S.F. | 89.34 | 106.33 | 2008 Qtr 2 | 5 | 4 \$ | 531.67 |
| Replace acoustic tile ceiling, fire-rated | 20 | 1 Carp | 13.800 | C.S.F. | 5,563.47 | 6,610.20 | 2008 Qtr 2 | 2 | 2 \$ | 13,220.40 |
| Repair sheetrock ceiling - (2% of ceilings) | 20 | 1 Carp | 0.100 | C.S.F. | 34.93 | 42.63 | 2008 Qtr 2 | 2 | 2 \$ | 85.25 |
| Replace sheetrock ceiling | 40 | 2 Carp | 6.400 | C.S.F. | 2,293.31 | 2,800.06 | 2008 Qtr 2 | 1 | 1 \$ | 2,800.06 |
| Check / minor repairs drinking fountain | 1 | 1 Plum | 2.000 | Ea. | 75.16 | 94.68 | 2008 Qtr 2 | 45 | 44 \$ | 4,260.60 |

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CostWorks 2008 Quarter 2

Design Life= 45
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Terminal Cutoff is the removal of a single task occurrence if that task occurs within 10% of the end of the design life and if the frequency of the task exceeds 20% of the design life. This prevents scheduling major work near the end of the design life.

| Description | Frequency | Crew | Qty | Unit | Total In-House | Total Incl. O&P | Release | Occurrences In Design Life | Adjusted Occurrences | Terminal Cutoff |
|--|-----------|--------|--------|--------|----------------|-----------------|------------|----------------------------|----------------------|-----------------|
| Repair internal leaks drinking fountain | 4 | 1 Plum | 2.000 | Ea. | 70.28 | 86.86 | 2008 Qtr 2 | 11 | 10 | \$ 955.46 |
| Correct water pressure drinking fountain | 2 | 1 Plum | 2.000 | Ea. | 64.42 | 81.00 | 2008 Qtr 2 | 22 | 21 | \$ 1,782.00 |
| Replace refrigerant drinking fountain | 2 | 1 Plum | 2.000 | Ea. | 31.68 | 37.72 | 2008 Qtr 2 | 22 | 21 | \$ 829.84 |
| Repair drain leak drinking fountain | 4 | 1 Plum | 2.000 | Ea. | 45.26 | 54.06 | 2008 Qtr 2 | 11 | 10 | \$ 594.66 |
| Replace fountain drinking fountain | 10 | 2 Plum | 2.000 | Ea. | 2,011.68 | 2,387.14 | 2008 Qtr 2 | 4 | 4 | \$ 9,548.56 |
| Inspect and clean spray heads, emergency eye wash | 3 | 1 Plum | 1.000 | Ea. | 37.80 | 47.44 | 2008 Qtr 2 | 15 | 14 | \$ 711.60 |
| Replace eye wash station, emergency eye wash | 25 | 2 Plum | 1.000 | Ea. | 573.92 | 695.88 | 2008 Qtr 2 | 1 | 1 | \$ 695.88 |
| Inspect and clean shower head emergency shower station | 3 | 1 Plum | 1.000 | Ea. | 37.80 | 47.44 | 2008 Qtr 2 | 15 | 14 | \$ 711.60 |
| Replace shower emergency shower station | 25 | 2 Plum | 1.000 | Ea. | 726.39 | 873.58 | 2008 Qtr 2 | 1 | 1 | \$ 873.58 |
| Replace washer in spud connection lavatory, vitreous china | 7 | 1 Plum | 8.000 | Ea. | 192.08 | 226.64 | 2008 Qtr 2 | 6 | 5 | \$ 1,359.84 |
| Replace washer in faucet lavatory, vitreous china | 2 | 1 Plum | 8.000 | Ea. | 78.80 | 98.32 | 2008 Qtr 2 | 22 | 21 | \$ 2,163.04 |
| Replace faucets lavatory, vitreous china | 10 | 1 Plum | 8.000 | Ea. | 987.92 | 1,192.48 | 2008 Qtr 2 | 4 | 4 | \$ 4,769.92 |
| Clean out strainer and P trap lavatory, vitreous china | 2 | 1 Plum | 8.000 | Ea. | 216.32 | 268.56 | 2008 Qtr 2 | 22 | 21 | \$ 5,908.32 |
| Replace lavatory, vitreous china | 35 | 2 Plum | 8.000 | Ea. | 4,241.52 | 5,085.60 | 2008 Qtr 2 | 1 | 1 | \$ 5,085.60 |
| Replace faucet washer sink, iron enamel | 2 | 1 Plum | 1.000 | Ea. | 9.79 | 12.19 | 2008 Qtr 2 | 22 | 21 | \$ 268.18 |
| Clean trap sink, iron enamel | 3 | 1 Plum | 1.000 | Ea. | 6.60 | 8.25 | 2008 Qtr 2 | 15 | 14 | \$ 123.75 |
| Replace faucets sink, iron enamel | 10 | 1 Plum | 1.000 | Ea. | 123.49 | 149.06 | 2008 Qtr 2 | 4 | 4 | \$ 596.24 |
| Unstop sink sink, iron enamel | 2 | 1 Plum | 1.000 | Ea. | 32.21 | 40.50 | 2008 Qtr 2 | 22 | 21 | \$ 891.00 |
| Replace sink, P.E.C.I. sink, iron enamel | 35 | 2 Plum | 1.000 | Ea. | 552.72 | 657.69 | 2008 Qtr 2 | 1 | 1 | \$ 657.69 |
| Replace flush valve diaphragm tankless water closet | 10 | 1 Plum | 8.000 | Ea. | 565.92 | 664.48 | 2008 Qtr 2 | 4 | 4 | \$ 2,657.92 |
| Rebuild flush valve tankless water closet | 20 | 1 Plum | 8.000 | Ea. | 1,055.84 | 1,280.08 | 2008 Qtr 2 | 2 | 2 | \$ 2,560.16 |
| Unplug clogged line tankless water closet | 5 | 1 Plum | 8.000 | Ea. | 1,346.08 | 1,681.44 | 2008 Qtr 2 | 9 | 8 | \$ 15,132.96 |
| Replace tankless water closet | 35 | 2 Plum | 8.000 | Ea. | 4,384.00 | 5,186.88 | 2008 Qtr 2 | 1 | 1 | \$ 5,186.88 |
| Replace tankless flush valve | 25 | 1 Plum | 8.000 | Ea. | 1,676.00 | 1,962.96 | 2008 Qtr 2 | 1 | 1 | \$ 1,962.96 |
| Replace wax ring gasket tankless water closet | 5 | 1 Plum | 8.000 | Ea. | 876.56 | 1,097.60 | 2008 Qtr 2 | 9 | 8 | \$ 9,878.40 |
| Replace flush valve diaphragm urinal | 7 | 1 Plum | 3.000 | Ea. | 212.22 | 249.18 | 2008 Qtr 2 | 6 | 5 | \$ 1,495.08 |
| Rebuild flush valve urinal | 20 | 1 Plum | 3.000 | Ea. | 395.94 | 480.03 | 2008 Qtr 2 | 2 | 2 | \$ 960.06 |
| Unplug line urinal | 5 | 1 Plum | 3.000 | Ea. | 336.42 | 419.73 | 2008 Qtr 2 | 9 | 8 | \$ 3,777.57 |
| Replace wall-hung urinal | 35 | 2 Plum | 3.000 | Ea. | 2,524.89 | 3,019.71 | 2008 Qtr 2 | 1 | 1 | \$ 3,019.71 |
| Repair circulator pump, 1/12 - 3/4 H.P. | 5 | 1 Stpi | 2.000 | Ea. | 141.98 | 168.50 | 2008 Qtr 2 | 9 | 8 | \$ 1,516.50 |
| Replace circulator pump, 1/12 - 3/4 H.P. | 15 | Q1 | 2.000 | Ea. | 4,968.88 | 5,740.94 | 2008 Qtr 2 | 3 | 2 | \$ 11,481.88 |
| Repair damaged pipe insulation, fiberglass 3/4" | 5 | Q14 | 4.000 | Ea. | 62.88 | 76.72 | 2008 Qtr 2 | 9 | 8 | \$ 690.48 |
| Repair damaged pipe insulation, fiberglass 2" | 5 | Q14 | 2.000 | Ea. | 36.92 | 45.06 | 2008 Qtr 2 | 9 | 8 | \$ 405.54 |
| Replace pipe insulation, fiberglass 3/4" | 5 | Q14 | 0.030 | M.L.F. | 188.67 | 229.84 | 2008 Qtr 2 | 9 | 8 | \$ 2,068.55 |
| Replace pipe insulation, fiberglass 2" | 5 | Q14 | 0.010 | M.L.F. | 74.26 | 90.69 | 2008 Qtr 2 | 9 | 8 | \$ 816.22 |
| Replace pipe and fittings, copper 3/4" | 20 | 2 Plum | 32.000 | L.F. | 567.04 | 687.36 | 2008 Qtr 2 | 2 | 2 | \$ 1,374.72 |
| Replace pipe and fittings, copper 2" | 25 | 2 Plum | 16.000 | L.F. | 652.96 | 785.76 | 2008 Qtr 2 | 1 | 1 | \$ 785.76 |
| Drain and flush water heater, electric, 120 gallon | 7 | 1 Plum | 1.000 | Ea. | 226.43 | 283.04 | 2008 Qtr 2 | 6 | 5 | \$ 1,698.24 |
| Check operation water heater, electric, 120 gallon | 3 | 1 Plum | 1.000 | Ea. | 1.98 | 2.48 | 2008 Qtr 2 | 15 | 14 | \$ 37.20 |

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CostWorks 2008 Quarter 2

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|---|-----------|--------|---------|------|----------------|-----------------|------------|----------------------------|----------------------|-----------------|
| Design Life= 45 Average S.F= 17,266 C.S.F=100 S.F; MSF=1000 S.F Sq=100 S.F; M.L.F=1000 L.F This spreadsheet was exported from R.S. Means CostWorks | | | | | | | | | | |
| Description | Frequency | Crew | Qty | Unit | Total In-House | Total Incl. O&P | Release | Occurrences In Design Life | Adjusted Occurrences | Terminal Cutoff |
| Replace water heater, electric, 120 gallon | 15 | 2 Plum | 1.000 | Ea. | 9,192.45 | 10,543.79 | 2008 Qtr 2 | 3 | 2 | \$ 21,087.58 |
| Unclog floor drain, PVC | 20 | 1 Plum | 1.000 | Ea. | 37.09 | 45.87 | 2008 Qtr 2 | 2 | 2 | \$ 91.74 |
| Repair joint pipe and fittings, PVC | 10 | 1 Plum | 2.000 | Ea. | 231.88 | 288.28 | 2008 Qtr 2 | 4 | 4 | \$ 1,153.12 |
| Replace pipe, 4" pipe and fittings, PVC | 30 | 2 Plum | 600.000 | L.F. | 35,520.00 | 43,914.00 | 2008 Qtr 2 | 1 | 1 | \$ 43,914.00 |
| General maintenance & repair drain: roof, scupper, area | 1 | 1 Plum | 5.000 | Ea. | 141.75 | 178.35 | 2008 Qtr 2 | 45 | 44 | \$ 8,025.75 |
| Replace drain: roof, scupper, area | 40 | 1 Plum | 5.000 | Ea. | 1,991.70 | 2,340.70 | 2008 Qtr 2 | 1 | 1 | \$ 2,340.70 |
| Repair single zone rt. unit, 5 ton | 10 | 2 Stpi | 1.000 | Ea. | 1,929.71 | 2,314.56 | 2008 Qtr 2 | 4 | 4 | \$ 9,258.24 |
| Replace single zone rt. unit, 5 ton | 15 | Q5 | 1.000 | Ea. | 7,276.88 | 8,588.60 | 2008 Qtr 2 | 3 | 2 | \$ 17,177.20 |
| Repair single zone rooftop unit, 60 ton | 10 | Q6 | 1.000 | Ea. | 39,670.17 | 46,952.35 | 2008 Qtr 2 | 4 | 4 | \$ 187,809.40 |
| Replace single zone rooftop unit, 60 ton | 15 | Q7 | 1.000 | Ea. | 70,810.00 | 82,892.60 | 2008 Qtr 2 | 3 | 2 | \$ 165,785.20 |
| Inspect sprinkler system | 1 | 1 Plum | 1.000 | Ea. | 26.55 | 32.89 | 2008 Qtr 2 | 45 | 44 | \$ 1,480.05 |
| Replace sprinkler head | 20 | 1 Plum | 181.000 | Ea. | 11,526.08 | 14,201.26 | 2008 Qtr 2 | 2 | 2 | \$ 28,402.52 |
| Replace fire alarm bell, 6" | 20 | 1 Elec | 4.000 | Ea. | 569.12 | 686.04 | 2008 Qtr 2 | 2 | 2 | \$ 1,372.08 |
| Repair failed breaker, 3 pole circuit breaker | 4 | 1 Elec | 1.000 | Ea. | 525.04 | 607.28 | 2008 Qtr 2 | 11 | 10 | \$ 6,680.08 |
| Maintenance and inspection C.B., 3 pole circuit breaker | 0.33 | 1 Elec | 1.000 | Ea. | 22.91 | 28.50 | 2008 Qtr 2 | 136 | 135 | \$ 3,876.00 |
| Replace C.B. enclosed, 600 V, 3 pole circuit breaker | 12 | 1 Elec | 1.000 | Ea. | 993.60 | 1,158.09 | 2008 Qtr 2 | 3 | 3 | \$ 3,474.27 |
| Maintenance and inspection lighting panel, indoor | 3 | 1 Elec | 1.000 | Ea. | 28.50 | 35.63 | 2008 Qtr 2 | 15 | 14 | \$ 534.45 |
| Repair switchgear 1200 A mainframe | 5 | 1 Elec | 1.000 | Ea. | 1,694.09 | 1,975.10 | 2008 Qtr 2 | 9 | 8 | \$ 17,775.90 |
| Maintenance and inspection switchgear, mainframe | 1 | 1 Elec | 1.000 | Ea. | 45.81 | 57.01 | 2008 Qtr 2 | 45 | 44 | \$ 2,565.45 |
| Replace switchgear 1200 A mainframe | 20 | 3 Elec | 1.000 | Ea. | 4,052.28 | 4,808.24 | 2008 Qtr 2 | 2 | 2 | \$ 9,616.48 |
| Maintenance and repair motor starter, up to 600 V | 5 | 1 Elec | 6.000 | Ea. | 1,024.50 | 1,245.00 | 2008 Qtr 2 | 9 | 8 | \$ 11,205.00 |
| Maintenance and inspection motor starter, up to 600 V | 0.5 | 1 Elec | 6.000 | Ea. | 229.02 | 287.10 | 2008 Qtr 2 | 90 | 89 | \$ 25,839.00 |
| Replace starter motor starter, up to 600 V | 18 | 1 Elec | 6.000 | Ea. | 3,169.08 | 3,782.46 | 2008 Qtr 2 | 2 | 2 | \$ 7,564.92 |
| Replace fluor. ballast for fluorescent lighting fixture, 80 W | 10 | 1 Elec | 258.000 | Ea. | 25,691.64 | 30,980.64 | 2008 Qtr 2 | 4 | 4 | \$ 123,922.56 |
| Replace lamps (2 lamps) fluorescent lighting fixture, 80 W | 10 | 1 Elec | 258.000 | Ea. | 6,563.52 | 8,044.44 | 2008 Qtr 2 | 4 | 4 | \$ 32,177.76 |
| Replace fixture fluorescent lighting fixture, 80 W | 20 | 1 Elec | 258.000 | Ea. | 45,944.64 | 55,498.38 | 2008 Qtr 2 | 2 | 2 | \$ 110,996.76 |
| Maintenance and repair receptacles and plugs | 20 | 1 Elec | 116.000 | Ea. | 3,606.44 | 4,492.68 | 2008 Qtr 2 | 2 | 2 | \$ 8,985.36 |
| Replace receptacle/plug receptacles and plugs | 20 | 1 Elec | 116.000 | Ea. | 6,120.16 | 7,472.72 | 2008 Qtr 2 | 2 | 2 | \$ 14,945.44 |
| Maintenance and repair wiring devices, switches | 10 | 1 Elec | 29.000 | Ea. | 901.61 | 1,123.17 | 2008 Qtr 2 | 4 | 4 | \$ 4,492.68 |
| Replace switch wiring devices, switches | 15 | 1 Elec | 29.000 | Ea. | 1,485.09 | 1,808.15 | 2008 Qtr 2 | 3 | 2 | \$ 3,616.30 |
| Check and repair manual pull station | 10 | 1 Elec | 4.000 | Ea. | 276.84 | 339.48 | 2008 Qtr 2 | 4 | 4 | \$ 1,357.92 |
| Replace manual pull station | 15 | 1 Elec | 4.000 | Ea. | 502.96 | 607.56 | 2008 Qtr 2 | 3 | 2 | \$ 1,215.12 |
| Repair smoke detector | 10 | 1 Elec | 35.000 | Ea. | 1,336.65 | 1,645.00 | 2008 Qtr 2 | 4 | 4 | \$ 6,580.00 |
| Check operation smoke detector | 1 | 1 Elec | 35.000 | Ea. | 399.00 | 500.50 | 2008 Qtr 2 | 45 | 44 | \$ 22,522.50 |
| Replace smoke detector | 15 | 1 Elec | 35.000 | Ea. | 6,634.25 | 7,944.65 | 2008 Qtr 2 | 3 | 2 | \$ 15,889.30 |
| | | | | | \$931,325.94 | \$1,114,056.83 | | | | |
| | | | | | | | | | MR Subtotal | \$ 1,752,157.33 |
| | | | | | | | | | MR Per Year | \$ 38,936.83 |

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CostWorks 2008 Quarter 2

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|-------------|-----------|------|-----|------|----------------|-----------------|---------|----------------------------|----------------------|-----------------|
| | | | | | | | | | MR Per Year | \$ 2,220.06 |
| | | | | | | | | | Subtotal | \$ 41,156.89 |
| | | | | | | | | | Total Per Unit | \$ 2.38 |

CostWorks 2009 Quarter 1 - FAC 4311 Cold Storage, Depot

| Qty | Assembly Number | Description | Total In-House | Total Incl. O&P | Zip Code | Prefix | Type | Release |
|--------|-----------------|--|-------------------|-------------------|----------|--------|------|------------|
| 6.000 | D3045 160 1950 | VAV Boxes, annualized | 367.86 | 456.00 | 200 | | FMR | 2008 Qtr 2 |
| 2.000 | B2035 450 0000 | Shutter, Roll-up, Electric | 0.00 | 0.00 | 200 | | FMR | 2008 Qtr 2 |
| 4.000 | B2035 400 1950 | Door, overhead, manual, up to 24' high x 25' wide, | 538.96 | 650.20 | 200 | | FMR | 2008 Qtr 2 |
| 1.000 | B2035 225 1950 | Door, emergency egress, swinging, annualized | 49.51 | 57.51 | 200 | | FMR | 2008 Qtr 2 |
| 14.000 | C1025 110 1950 | Fire doors, swinging, annualized | 348.46 | 418.04 | 200 | | FMR | 2008 Qtr 2 |
| 2.000 | D2015 800 1950 | Drink fountain, annualized | 99.00 | 118.72 | 200 | | FMR | 2008 Qtr 2 |
| 8.000 | D2015 100 4950 | Lavatories, annualized | 197.44 | 240.64 | 200 | | FMR | 2008 Qtr 2 |
| 8.000 | D2015 100 2950 | Toilet (vacuum breaker type), annualized | 103.44 | 129.20 | 200 | | FMR | 2008 Qtr 2 |
| 3.000 | D2015 100 1950 | Urinals, annualized | 38.79 | 48.45 | 200 | | FMR | 2008 Qtr 2 |
| 1.000 | D5015 220 1950 | Circuit breaker, high voltage air, annualized | 26.98 | 33.59 | 200 | | FMR | 2008 Qtr 2 |
| 1.000 | D5015 260 1950 | Panelboard, 225 A and above, annualized | 56.96 | 67.71 | 200 | | FMR | 2008 Qtr 2 |
| | | | \$1,827.40 | \$2,220.06 | | | | |

FAC 4311 Sustainment by Year - Terminal Cutoff Applied

