

**FAC 6104     Automated Data Processing Center**

RUC:            \$275.00 SF

Source:        Tri-Service FAC 6104 from *Tri-Service Facility Unit Costs for Military Construction* version prepared November 13, 2009

SUC:            \$2.87 SF

Source:        Cost Works model, 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 6104-Automatic Data Processing Center**  
**CostWorks 2008 Quarter 2**

Design Life= 45  
Average S.F= 9,044

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<br>Design Life | Adjusted<br>Occurrences | Terminal<br>Cutoff |
|---|-----------|--------|---------|--------|----------------|-----------------|------------|-------------------------------|-------------------------|--------------------|
| Repair brick wall - 1st floor   | 25        | 1 Bric | 426.100 | S.F.   | 15,765.70      | 19,157.46       | 2008 Qtr 2 | 1                             | 1                       | \$ 19,157.46       |
| Replace brick wall - 2nd floor  | 75        | 2 Bric | 9.100   | C.S.F. | 18,614.87      | 22,336.77       | 2008 Qtr 2 | 0                             | 0                       | \$ -               |
| Replace glass - 1st floor (1% of glass)                               | 1         | 1 Carp | 5.640   | S.F.   | 51.04          | 59.90           | 2008 Qtr 2 | 45                            | 45                      | \$ 2,695.36        |
| Repair 2'-0" x 3'-0" aluminum window - 1st floor                      | 20        | 1 Carp | 94.000  | Ea.    | 10,806.24      | 12,802.80       | 2008 Qtr 2 | 2                             | 2                       | \$ 25,605.60       |
| Replace 2'-0" x 3'-0" aluminum window - 1st floor                     | 50        | 1 Carp | 94.000  | Ea.    | 41,228.40      | 48,221.06       | 2008 Qtr 2 | 0                             | 0                       | \$ -               |
| Repair 2'-0" x 3'-0" aluminum window - 2nd floor                      | 20        | 1 Carp | 60.000  | Ea.    | 9,222.00       | 11,065.20       | 2008 Qtr 2 | 2                             | 2                       | \$ 22,130.40       |
| Replace 2'-0" x 3'-0" aluminum window - 2nd floor                     | 50        | 1 Carp | 60.000  | Ea.    | 28,641.00      | 33,672.60       | 2008 Qtr 2 | 0                             | 0                       | \$ -               |
| Replace glass - 2nd floor (1% of glass)                               | 1         | 1 Carp | 3.600   | S.F.   | 314.64         | 385.38          | 2008 Qtr 2 | 45                            | 45                      | \$ 17,342.10       |
| Repair 12' x 12' steel roll-up door                                   | 10        | 1 Carp | 1.000   | Ea.    | 832.61         | 964.54          | 2008 Qtr 2 | 4                             | 4                       | \$ 3,858.16        |
| Refinish 12' x 12' steel roll-up door                                 | 5         | 1 Pord | 1.000   | Ea.    | 168.83         | 205.54          | 2008 Qtr 2 | 9                             | 9                       | \$ 1,849.86        |
| Replace 12' x 12' steel roll-up door                                  | 35        | 2 Carp | 1.000   | Ea.    | 3,325.27       | 3,849.55        | 2008 Qtr 2 | 1                             | 1                       | \$ 3,849.55        |
| 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 | 3.000   | Ea.    | 98.73          | 120.93          | 2008 Qtr 2 | 11                            | 11                      | \$ 1,330.23        |
| Replace 3'-0" x 7'-0" steel, painted, door                            | 45        | 1 Carp | 3.000   | Ea.    | 1,596.24       | 1,860.12        | 2008 Qtr 2 | 1                             | 0                       | \$ -               |
| Replace tempered glass - (3% of glass)                                | 1         | 1 Carp | 1.890   | S.F.   | 36.48          | 43.39           | 2008 Qtr 2 | 45                            | 45                      | \$ 1,952.75        |
| Replace wire glass - (3% of glass)                                    | 1         | 1 Carp | 0.630   | S.F.   | 17.47          | 20.52           | 2008 Qtr 2 | 45                            | 45                      | \$ 923.36          |
| Repair steel, with safety glass, unptd. door                          | 14        | 1 Carp | 1.000   | Ea.    | 542.75         | 641.09          | 2008 Qtr 2 | 3                             | 2                       | \$ 1,282.18        |
| Repl. 3'-0" x 7'-0" steel, w/ safety glass, unptd. dr.                | 45        | 1 Carp | 1.000   | Ea.    | 963.05         | 1,121.78        | 2008 Qtr 2 | 1                             | 0                       | \$ -               |
| Debris removal and visual inspection built-up roofing                 | 1         | 2 Rofc | 5.426   | M.S.F. | 159.20         | 191.81          | 2008 Qtr 2 | 45                            | 45                      | \$ 8,631.41        |
| Non-destructive moisture inspection built-up roofing                  | 5         | 2 Rofc | 5.426   | M.S.F. | 492.57         | 595.77          | 2008 Qtr 2 | 9                             | 9                       | \$ 5,361.97        |
| Total roof replacement built-up roofing                               | 28        | G1     | 54.260  | Sq.    | 30,970.52      | 36,677.05       | 2008 Qtr 2 | 1                             | 1                       | \$ 36,677.05       |
| Minor membrane repairs - (2% of roof area) built-up roofing           | 5         | G5     | 1.090   | Sq.    | 375.53         | 443.67          | 2008 Qtr 2 | 9                             | 9                       | \$ 3,993.06        |
| Flashing repairs - (2 S.F. per sq. repaired) built-up roofing         | 5         | 2 Rofc | 2.170   | S.F.   | 7.29           | 8.68            | 2008 Qtr 2 | 9                             | 9                       | \$ 78.12           |
| Minor membrane replacement - (25% of roof area) built-up roofing      | 20        | G5     | 13.565  | Sq.    | 8,063.44       | 9,618.67        | 2008 Qtr 2 | 2                             | 2                       | \$ 19,237.34       |
| Debris removal by hand & visual inspection,modified bitum/thermoplstc | 1         | 2 Rofc | 1.809   | M.S.F. | 53.08          | 63.95           | 2008 Qtr 2 | 45                            | 45                      | \$ 2,877.67        |
| Non-destructive moisture inspection,modified bitum/thermoplastic      | 5         | 2 Rofc | 1.809   | M.S.F. | 164.22         | 198.63          | 2008 Qtr 2 | 9                             | 9                       | \$ 1,787.65        |
| Total roof replacement,modified bituminous / thermoplastic            | 25        | G1     | 18.090  | Sq.    | 8,806.94       | 10,410.98       | 2008 Qtr 2 | 1                             | 1                       | \$ 10,410.98       |
| Minor membrane repairs-(2% of roof area),modified bitum/thermoplastic | 5         | G5     | 0.360   | Sq.    | 96.04          | 113.31          | 2008 Qtr 2 | 9                             | 9                       | \$ 1,019.76        |
| Flashing repairs-(2 S.F. per sq. repaired),modified bitum/thermoplstc | 5         | 2 Rofc | 0.720   | S.F.   | 2.39           | 2.82            | 2008 Qtr 2 | 9                             | 9                       | \$ 25.34           |
| Membrane replacement-(25% of roof area),modified bitum/thermoplastic  | 20        | G5     | 4.520   | Sq.    | 2,878.11       | 3,412.15        | 2008 Qtr 2 | 2                             | 2                       | \$ 6,824.30        |
| Repair steel painted interior door                                    | 14        | 1 Carp | 3.000   | Ea.    | 503.25         | 594.42          | 2008 Qtr 2 | 3                             | 2                       | \$ 1,188.84        |
| Refinish 3'-0" x 7'-0" steel painted interior door                    | 4         | 1 Pord | 3.000   | Ea.    | 148.20         | 182.46          | 2008 Qtr 2 | 11                            | 11                      | \$ 2,007.06        |
| Replace 3'-0" x 7'-0" steel painted interior door                     | 60        | 1 Carp | 3.000   | Ea.    | 2,812.62       | 3,269.88        | 2008 Qtr 2 | 0                             | 0                       | \$ -               |
| Safety glass repl., (3% of glass) steel painted interior door         | 1         | 1 Carp | 1.890   | S.F.   | 32.00          | 38.05           | 2008 Qtr 2 | 45                            | 45                      | \$ 1,712.06        |
| Repair solid core wood door interior                                  | 11        | 1 Carp | 28.000  | Ea.    | 4,697.00       | 5,547.92        | 2008 Qtr 2 | 4                             | 3                       | \$ 16,643.76       |
| Refinish 3'-0" x 7'-0" solid core wood door interior                  | 4         | 1 Pord | 28.000  | Ea.    | 1,182.16       | 1,455.44        | 2008 Qtr 2 | 11                            | 11                      | \$ 16,009.84       |

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|--|-----------|--------|------------|--------|----------------|-----------------|------------|----------------------------|----------------------|-----------------|
| Replace 3'-0" x 7'-0" solid core wood door interior        | 40        | 1 Carp | 28.000     | Ea.    | 10,267.60      | 11,903.36       | 2008 Qtr 2 | 1                          | 1                    | \$ 11,903.36    |
| Repair concrete steps                                      | 15        | 1 Cefi | 26.000     | S.F.   | 441.74         | 514.28          | 2008 Qtr 2 | 3                          | 2                    | \$ 1,028.56     |
| Replace concrete steps                                     | 100       | 2 Cefi | 26.000     | S.F.   | 1,287.26       | 1,562.34        | 2008 Qtr 2 | 0                          | 0                    | \$ -            |
| Replace metal stair railing interior                       | 45        | 2 Sswk | 21.000     | L.F.   | 753.27         | 870.24          | 2008 Qtr 2 | 1                          | 0                    | \$ -            |
| Repair fabric wall finish fabric interior                  | 9         | 1 Pord | 194.780    | S.Y.   | 4,906.51       | 5,942.74        | 2008 Qtr 2 | 5                          | 5                    | \$ 29,713.69    |
| Replace fabric wall finish fabric interior                 | 50        | 1 Pord | 194.780    | S.Y.   | 27,372.43      | 33,396.98       | 2008 Qtr 2 | 0                          | 0                    | \$ -            |
| Refinish drywall   | 8         | 1 Pord | 10,478.000 | S.F.   | 6,286.80       | 7,753.72        | 2008 Qtr 2 | 5                          | 5                    | \$ 38,768.60    |
| Replace 5/8" drywall                                       | 75        | 2 Carp | 10,478.000 | S.F.   | 23,365.94      | 28,185.82       | 2008 Qtr 2 | 0                          | 0                    | \$ -            |
| Repair 5/8" drywall - (2% of walls)                        | 20        | 1 Carp | 209.560    | S.F.   | 333.20         | 400.26          | 2008 Qtr 2 | 2                          | 2                    | \$ 800.52       |
| Replace carpet   | 12        | 2 Tilf | 355.110    | S.Y.   | 16,026.11      | 18,515.44       | 2008 Qtr 2 | 3                          | 3                    | \$ 55,546.31    |
| Refinish concrete floor finished                           | 25        | 2 Cefi | 50.590     | C.S.F. | 17,678.17      | 21,282.71       | 2008 Qtr 2 | 1                          | 1                    | \$ 21,282.71    |
| Replace terrazzo floor                                     | 75        | 2 Mstz | 4.880      | C.S.F. | 7,026.91       | 8,321.72        | 2008 Qtr 2 | 0                          | 0                    | \$ -            |
| Terrazzo floor repairs - (2% of floors)                    | 15        | 1 Mstz | 9.760      | S.F.   | 146.60         | 175.09          | 2008 Qtr 2 | 3                          | 2                    | \$ 350.19       |
| Replace vinyl floor  | 18        | 1 Tilf | 33.400     | S.Y.   | 1,594.85       | 1,947.22        | 2008 Qtr 2 | 2                          | 2                    | \$ 3,894.44     |
| Replace acoustic tile ceiling, fire-rated                  | 20        | 1 Carp | 39.850     | C.S.F. | 16,065.53      | 19,088.15       | 2008 Qtr 2 | 2                          | 2                    | \$ 38,176.30    |
| Refinish sheetrock ceiling                                 | 20        | 1 Pord | 6.870      | C.S.F. | 863.35         | 1,066.84        | 2008 Qtr 2 | 2                          | 2                    | \$ 2,133.68     |
| Replace sheetrock ceiling                                  | 40        | 2 Carp | 6.870      | C.S.F. | 2,461.73       | 3,005.69        | 2008 Qtr 2 | 1                          | 1                    | \$ 3,005.69     |
| Repair sheetrock ceiling - (2% of ceilings)                | 20        | 1 Carp | 0.140      | C.S.F. | 48.90          | 59.68           | 2008 Qtr 2 | 2                          | 2                    | \$ 119.36       |
| Check / minor repairs drinking fountain                    | 1         | 1 Plum | 2.000      | Ea.    | 75.16          | 94.68           | 2008 Qtr 2 | 45                         | 45                   | \$ 4,260.60     |
| Repair internal leaks drinking fountain                    | 4         | 1 Plum | 2.000      | Ea.    | 70.28          | 86.86           | 2008 Qtr 2 | 11                         | 11                   | \$ 955.46       |
| Correct water pressure drinking fountain                   | 2         | 1 Plum | 2.000      | Ea.    | 64.42          | 81.00           | 2008 Qtr 2 | 22                         | 22                   | \$ 1,782.00     |
| Replace refrigerant drinking fountain                      | 2         | 1 Plum | 2.000      | Ea.    | 31.68          | 37.72           | 2008 Qtr 2 | 22                         | 22                   | \$ 829.84       |
| Repair drain leak drinking fountain                        | 4         | 1 Plum | 2.000      | Ea.    | 45.26          | 54.06           | 2008 Qtr 2 | 11                         | 11                   | \$ 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     |
| Replace washer in spud connection lavatory, vitreous china | 7         | 1 Plum | 14.000     | Ea.    | 336.14         | 396.62          | 2008 Qtr 2 | 6                          | 6                    | \$ 2,379.72     |
| Replace washer in faucet lavatory, vitreous china          | 2         | 1 Plum | 14.000     | Ea.    | 137.90         | 172.06          | 2008 Qtr 2 | 22                         | 22                   | \$ 3,785.32     |
| Replace faucets lavatory, vitreous china                   | 10        | 1 Plum | 14.000     | Ea.    | 1,728.86       | 2,086.84        | 2008 Qtr 2 | 4                          | 4                    | \$ 8,347.36     |
| Clean out strainer and P trap lavatory, vitreous china     | 2         | 1 Plum | 14.000     | Ea.    | 378.56         | 469.98          | 2008 Qtr 2 | 22                         | 22                   | \$ 10,339.56    |
| Replace lavatory, vitreous china                           | 35        | 2 Plum | 14.000     | Ea.    | 7,422.66       | 8,899.80        | 2008 Qtr 2 | 1                          | 1                    | \$ 8,899.80     |
| Replace faucet washer sink, iron enamel                    | 2         | 1 Plum | 1.000      | Ea.    | 9.79           | 12.19           | 2008 Qtr 2 | 22                         | 22                   | \$ 268.18       |
| Clean trap sink, iron enamel                               | 3         | 1 Plum | 1.000      | Ea.    | 6.60           | 8.25            | 2008 Qtr 2 | 15                         | 15                   | \$ 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                         | 22                   | \$ 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 | 9.000      | Ea.    | 636.66         | 747.54          | 2008 Qtr 2 | 4                          | 4                    | \$ 2,990.16     |
| Rebuild flush valve tankless water closet                  | 20        | 1 Plum | 9.000      | Ea.    | 1,187.82       | 1,440.09        | 2008 Qtr 2 | 2                          | 2                    | \$ 2,880.18     |

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|--|-----------|--------|--------|------|----------------|-----------------|------------|----------------------------|----------------------|-----------------|
| Unplug clogged line tankless water closet                              | 5         | 1 Plum | 9.000  | Ea.  | 1,514.34       | 1,891.62        | 2008 Qtr 2 | 9                          | 9                    | \$ 17,024.58    |
| Replace tankless water closet  | 35        | 2 Plum | 9.000  | Ea.  | 4,932.00       | 5,835.24        | 2008 Qtr 2 | 1                          | 1                    | \$ 5,835.24     |
| Replace tankless flush valve   | 25        | 1 Plum | 9.000  | Ea.  | 1,885.50       | 2,208.33        | 2008 Qtr 2 | 1                          | 1                    | \$ 2,208.33     |
| Replace wax ring gasket tankless water closet                          | 5         | 1 Plum | 9.000  | Ea.  | 986.13         | 1,234.80        | 2008 Qtr 2 | 9                          | 9                    | \$ 11,113.20    |
| Replace flush valve diaphragm urinal                                   | 7         | 1 Plum | 3.000  | Ea.  | 212.22         | 249.18          | 2008 Qtr 2 | 6                          | 6                    | \$ 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                          | 9                    | \$ 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     |
| Inspect / check pump / motor operation, lub. circulation pump, 1/12 HP | 0.5       | 1 Plum | 1.000  | Ea.  | 6.19           | 7.72            | 2008 Qtr 2 | 90                         | 90                   | \$ 694.80       |
| Replace pump / motor assembly circulation pump, 1/12 HP                | 10        | 2 Plum | 1.000  | Ea.  | 736.33         | 863.29          | 2008 Qtr 2 | 4                          | 4                    | \$ 3,453.16     |
| Resolder joint pipe & fittings, copper                                 | 10        | 1 Plum | 2.000  | Ea.  | 65.70          | 80.90           | 2008 Qtr 2 | 4                          | 4                    | \$ 323.60       |
| Replace pipe and fittings, copper 3/4"                                 | 20        | 2 Plum | 16.000 | L.F. | 283.52         | 343.68          | 2008 Qtr 2 | 2                          | 2                    | \$ 687.36       |
| Replace pipe and fittings, copper 2"                                   | 25        | 2 Plum | 16.000 | L.F. | 652.96         | 785.76          | 2008 Qtr 2 | 1                          | 1                    | \$ 785.76       |
| Remove old insulation & replace with new, pipe 3/4", wall 1"           | 15        | 1 Plum | 16.000 | L.F. | 112.16         | 136.64          | 2008 Qtr 2 | 3                          | 2                    | \$ 273.28       |
| Remove old insulation & replace with new, pipe 1-1/2", wall 1"         | 15        | 1 Plum | 16.000 | L.F. | 123.36         | 150.08          | 2008 Qtr 2 | 3                          | 2                    | \$ 300.16       |
| Drain and flush water heater, electric, 120 gallon                     | 7         | 1 Plum | 1.000  | Ea.  | 226.43         | 283.04          | 2008 Qtr 2 | 6                          | 6                    | \$ 1,698.24     |
| Check operation water heater, electric, 120 gallon                     | 3         | 1 Plum | 1.000  | Ea.  | 1.98           | 2.48            | 2008 Qtr 2 | 15                         | 15                   | \$ 37.20        |
| 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 main drain pipe & fittings, cast iron                           | 10        | 1 Plum | 1.000  | Ea.  | 35.62          | 44.41           | 2008 Qtr 2 | 4                          | 4                    | \$ 177.64       |
| Replace pipe & fittings, cast iron                                     | 40        | 2 Plum | 16.000 | L.F. | 670.40         | 811.20          | 2008 Qtr 2 | 1                          | 1                    | \$ 811.20       |
| 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 | 1.000  | Ea.  | 115.94         | 144.14          | 2008 Qtr 2 | 4                          | 4                    | \$ 576.56       |
| Replace pipe, 4" pipe and fittings, PVC                                | 30        | 2 Plum | 16.000 | L.F. | 947.20         | 1,171.04        | 2008 Qtr 2 | 1                          | 1                    | \$ 1,171.04     |
| General maintenance & repair drain: roof, scupper, area                | 1         | 1 Plum | 2.000  | Ea.  | 56.70          | 71.34           | 2008 Qtr 2 | 45                         | 45                   | \$ 3,210.30     |
| Replace drain: roof, scupper, area                                     | 40        | 1 Plum | 2.000  | Ea.  | 796.68         | 936.28          | 2008 Qtr 2 | 1                          | 1                    | \$ 936.28       |
| Repair single zone rooftop unit, 25 ton                                | 10        | Q6     | 0.500  | Ea.  | 12,910.55      | 14,961.45       | 2008 Qtr 2 | 4                          | 4                    | \$ 59,845.78    |
| Replace single zone rooftop unit, 25 ton                               | 15        | Q7     | 1.000  | Ea.  | 34,098.40      | 39,677.60       | 2008 Qtr 2 | 3                          | 2                    | \$ 79,355.20    |
| Minor repairs to fire alarm control panel                              | 5         | 1 Elec | 1.000  | Ea.  | 107.84         | 130.97          | 2008 Qtr 2 | 9                          | 9                    | \$ 1,178.73     |
| Maintenance and inspection fire alarm control panel                    | 0.5       | 1 Elec | 1.000  | Ea.  | 30.54          | 38.17           | 2008 Qtr 2 | 90                         | 90                   | \$ 3,435.30     |
| Replace fire alarm control panel                                       | 15        | 1 Elec | 1.000  | Ea.  | 2,615.62       | 3,107.84        | 2008 Qtr 2 | 3                          | 2                    | \$ 6,215.68     |
| Replace sprinkler head   | 20        | 1 Plum | 50.000 | Ea.  | 3,184.00       | 3,923.00        | 2008 Qtr 2 | 2                          | 2                    | \$ 7,846.00     |
| Inspect sprinkler system   | 1         | 1 Plum | 1.000  | Ea.  | 26.55          | 32.89           | 2008 Qtr 2 | 45                         | 45                   | \$ 1,480.05     |
| Rebuild double check 3" backflow preventer sprinkler system            | 5         | 1 Plum | 1.000  | Ea.  | 598.06         | 715.83          | 2008 Qtr 2 | 9                          | 9                    | \$ 6,442.47     |
| Replace fire alarm bell, 6"  | 20        | 1 Elec | 6.000  | Ea.  | 853.68         | 1,029.06        | 2008 Qtr 2 | 2                          | 2                    | \$ 2,058.12     |
| Maintenance and repair safety switch gen., 2 pole                      | 8         | 1 Elec | 2.000  | Ea.  | 57.00          | 71.26           | 2008 Qtr 2 | 5                          | 5                    | \$ 356.30       |
| Maintenance and inspection safety switch, 2 pole                       | 1         | 1 Elec | 2.000  | Ea.  | 57.00          | 71.26           | 2008 Qtr 2 | 45                         | 45                   | \$ 3,206.70     |

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| Repair switchgear 1200 A mainframe                            | 5         | 1 Elec | 1.000   | Ea.  | 1,694.09       | 1,975.10        | 2008 Qtr 2 | 9                          | 9                    | \$ 17,775.90    |
| Maintenance and inspection switchgear, mainframe              | 1         | 1 Elec | 1.000   | Ea.  | 45.81          | 57.01           | 2008 Qtr 2 | 45                         | 45                   | \$ 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 | 4.000   | Ea.  | 683.00         | 830.00          | 2008 Qtr 2 | 9                          | 9                    | \$ 7,470.00     |
| Maintenance and inspection motor starter, up to 600 V         | 0.5       | 1 Elec | 4.000   | Ea.  | 152.68         | 191.40          | 2008 Qtr 2 | 90                         | 90                   | \$ 17,226.00    |
| Replace starter motor starter, up to 600 V                    | 18        | 1 Elec | 4.000   | Ea.  | 2,112.72       | 2,521.64        | 2008 Qtr 2 | 2                          | 2                    | \$ 5,043.28     |
| Replace lamp emergency lighting fixture                       | 2         | 1 Elec | 8.000   | Ea.  | 432.00         | 513.12          | 2008 Qtr 2 | 22                         | 22                   | \$ 11,288.64    |
| Replace emergency lighting fixture                            | 20        | 1 Elec | 8.000   | Ea.  | 6,746.00       | 7,772.80        | 2008 Qtr 2 | 2                          | 2                    | \$ 15,545.60    |
| Maintenance and repair exit light                             | 20        | 1 Elec | 6.000   | Ea.  | 196.98         | 239.22          | 2008 Qtr 2 | 2                          | 2                    | \$ 478.44       |
| Replace lamp exit light                                       | 5         | 1 Elec | 6.000   | Ea.  | 74.10          | 87.72           | 2008 Qtr 2 | 9                          | 9                    | \$ 789.48       |
| Replace fluor. ballast for fluorescent lighting fixture, 80 W | 10        | 1 Elec | 123.000 | Ea.  | 12,248.34      | 14,769.84       | 2008 Qtr 2 | 4                          | 4                    | \$ 59,079.36    |
| Replace lamps (2 lamps) fluorescent lighting fixture, 80 W    | 10        | 1 Elec | 123.000 | Ea.  | 3,129.12       | 3,835.14        | 2008 Qtr 2 | 4                          | 4                    | \$ 15,340.56    |
| Maintenance and repair incandescent lighting fixtures         | 10        | 1 Elec | 6.000   | Ea.  | 283.68         | 338.34          | 2008 Qtr 2 | 4                          | 4                    | \$ 1,353.36     |
| Replace lamp incandescent lighting fixtures                   | 5         | 1 Elec | 6.000   | Ea.  | 41.88          | 51.12           | 2008 Qtr 2 | 9                          | 9                    | \$ 460.08       |
| Maintenance and repair receptacles and plugs                  | 20        | 1 Elec | 284.000 | Ea.  | 8,829.56       | 10,999.32       | 2008 Qtr 2 | 2                          | 2                    | \$ 21,998.64    |
| Replace receptacle/plug receptacles and plugs                 | 20        | 1 Elec | 284.000 | Ea.  | 14,983.84      | 18,295.28       | 2008 Qtr 2 | 2                          | 2                    | \$ 36,590.56    |
| Maintenance and repair wiring devices, switches               | 10        | 1 Elec | 104.000 | Ea.  | 3,233.36       | 4,027.92        | 2008 Qtr 2 | 4                          | 4                    | \$ 16,111.68    |
| Replace switch wiring devices, switches                       | 15        | 1 Elec | 104.000 | Ea.  | 5,325.84       | 6,484.40        | 2008 Qtr 2 | 3                          | 2                    | \$ 12,968.80    |
| Check and repair manual pull station                          | 10        | 1 Elec | 2.000   | Ea.  | 138.42         | 169.74          | 2008 Qtr 2 | 4                          | 4                    | \$ 678.96       |
| Replace manual pull station                                   | 15        | 1 Elec | 2.000   | Ea.  | 251.48         | 303.78          | 2008 Qtr 2 | 3                          | 2                    | \$ 607.56       |
| Repair smoke detector   | 10        | 1 Elec | 27.000  | Ea.  | 1,031.13       | 1,269.00        | 2008 Qtr 2 | 4                          | 4                    | \$ 5,076.00     |
| Check operation smoke detector                                | 1         | 1 Elec | 27.000  | Ea.  | 307.80         | 386.10          | 2008 Qtr 2 | 45                         | 45                   | \$ 17,374.50    |
| Replace smoke detector  | 15        | 1 Elec | 27.000  | Ea.  | 5,117.85       | 6,128.73        | 2008 Qtr 2 | 3                          | 2                    | \$ 12,257.46    |

**\$498,530.44      \$593,429.57**

|                |                 |
|----------------|-----------------|
| MR Subtotal    | \$ 1,045,556.19 |
| MR Per Year    | \$ 23,234.58    |
| PM Per Year    | \$ 3,614.13     |
| Subtotal       | \$ 26,848.71    |
| Total Per Unit | \$ 2.97         |

**CostWorks 2009 Quarter 1 - FAC 6104-Automatic Data Processing Center**

| Qty    | Assembly Number | Description  | Total In-House    | Total Incl. O&P   | Zip Code | Prefix | Type | Release    |
|--------|-----------------|--|-------------------|-------------------|----------|--------|------|------------|
| 1.000  | B2035 410 1950  | Door, overhead, electric, roll up, to 24' high x 25' w | 240.16            | 290.12            | 200      |        | FMR  | 2008 Qtr 2 |
| 32.000 | B2035 225 1950  | Door, emergency egress, swinging, annualized           | 1,584.32          | 1,840.32          | 200      |        | FMR  | 2008 Qtr 2 |
| 3.000  | C1025 110 1950  | Fire doors, swinging, annualized                       | 74.67             | 89.58             | 200      |        | FMR  | 2008 Qtr 2 |
| 3.000  | D2015 100 1950  | Urinals, annualized                                    | 38.79             | 48.45             | 200      |        | FMR  | 2008 Qtr 2 |
| 9.000  | D2015 100 2950  | Toilet (vacuum breaker type), annualized               | 116.37            | 145.35            | 200      |        | FMR  | 2008 Qtr 2 |
| 14.000 | D2015 100 4950  | Lavatories, annualized                                 | 345.52            | 421.12            | 200      |        | FMR  | 2008 Qtr 2 |
| 2.000  | D2015 800 1950  | Drink fountain, annualized                             | 99.00             | 118.72            | 200      |        | FMR  | 2008 Qtr 2 |
| 4.000  | D3045 160 1950  | VAV Boxes, annualized                                  | 245.24            | 304.00            | 200      |        | FMR  | 2008 Qtr 2 |
| 1.000  | D3055 210 1950  | Package unit, air cooled, 3 thru 24 ton, annualized    | 207.71            | 251.03            | 200      |        | FMR  | 2008 Qtr 2 |
| 1.000  | D4015 100 1950  | Backflow prevention device, up to 4", annualized       | 18.89             | 23.42             | 200      |        | FMR  | 2008 Qtr 2 |
| 1.000  | D5015 280 1950  | Motor control center, over 400 A, annualized           | 53.91             | 64.15             | 200      |        | FMR  | 2008 Qtr 2 |
| 1.000  | D5095 250 1950  | Light, emergency, hardwired system, annualized         | 14.25             | 17.87             | 200      |        | FMR  | 2008 Qtr 2 |
|        |                 |  | <b>\$3,038.83</b> | <b>\$3,614.13</b> |          |        |      |            |



# FAC 6104 Sustainment by Year - Terminal Cutoff Applied

