

FAC 2111 Aircraft Maintenance Hangar

RUC: \$239.00 SF

Source: Tri-Service FAC 2111 from *Tri-Service Facility Unit Costs for Military Construction* version prepared November 13, 2009

SUC: \$2.37 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 the relative annual sustainment requirements follows:

**FAC 2111 - Aircraft Maintenance Hangar
CostWorks 2008 Quarter 2**

Design Life= 40
Average S.F= 27419

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

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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

Assembly Number	Description	Frequency	Crew	Qty	Unit	Total Incl. O&P	Zip Code Prefix	Type	Release	Adjusted Occurrences	lifecost	Terminal Cutoff
B2013 141 1010	Replace aluminum siding - 1st floor	35	1 Carp	33.310	C.S.F.	18,159.28 203		FMR	2008 Qtr 2	1	18159.28 \$	18,159.28
B2013 141 2010	Replace aluminum siding - 2nd floor	35	1 Carp	33.310	C.S.F.	22,633.48 203		FMR	2008 Qtr 2	1	22633.48 \$	22,633.48
B2013 141 3010	Replace aluminum siding - 3rd floor	35	1 Carp	33.310	C.S.F.	25,357.90 203		FMR	2008 Qtr 2	1	25357.9 \$	25,357.90
B2023 111 1010	Replace glass - 1st floor (1% of glass)	1	1 Carp	15.600	S.F.	165.67 203		FMR	2008 Qtr 2	40	6626.88 \$	6,626.88
B2023 111 1020	Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	1 Carp	130.000	Ea.	17,706.00 203		FMR	2008 Qtr 2	1	35412 \$	17,706.00
B2023 111 1030	Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	1 Carp	260.000	Ea.	133,377.40 203		FMR	2008 Qtr 2	0	0 \$	-
B2033 220 1010	Repair steel, painted, door	14	1 Carp	6.000	Ea.	4,118.16 203		FMR	2008 Qtr 2	2	8236.32 \$	8,236.32
B2033 220 1020	Refinish 3'-0" x 7'-0" steel, painted, door	4	1 Pord	6.000	Ea.	241.86 203		FMR	2008 Qtr 2	10	2418.6 \$	2,418.60
B2033 220 1030	Replace 3'-0" x 7'-0" steel, painted, door	45	1 Carp	6.000	Ea.	3,720.24 203		FMR	2008 Qtr 2	0	0 \$	-
B2033 412 1040	Replace Hangar Door 60-80' High	35	UNK	1.000	Ea.	350,627.05 203		Vendor Qo	2008 Qtr 2	1	350627.1 \$	350,627.05
B3013 130 0100	Debris removal by hand & visual inspection metal s	1	2 Rofc	33.326	M.S.F.	713.18 203		FMR	2008 Qtr 2	40	28527.06 \$	28,527.06
B3013 130 0300	Minor finish repairs - (2% of roof area) metal steep	5	2 Rofc	666.520	S.F.	2,146.19 203		FMR	2008 Qtr 2	8	17169.56 \$	17,169.56
B3013 130 0400	Flashing replacement - (2 S.F. per sq. repaired) me	1	2 Rofc	14.000	S.F.	242.62 203		FMR	2008 Qtr 2	40	9704.8 \$	9,704.80
B3013 130 0500	Minor replacement - (2.5% of roof area) metal steep	20	2 Rofc	833.150	S.F.	8,848.05 203		FMR	2008 Qtr 2	1	17696.11 \$	8,848.05
B3013 130 0600	Total metal panel replacement metal steep roofing	30	2 Rofc	333.260	Sq.	262,445.58 203		FMR	2008 Qtr 2	1	262445.6 \$	262,445.58
C1023 110 1010	Repair steel painted interior door	14	1 Carp	10.000	Ea.	1,981.40 203		FMR	2008 Qtr 2	2	3962.8 \$	3,962.80
C1023 110 1020	Refinish 3'-0" x 7'-0" steel painted interior door	4	1 Pord	10.000	Ea.	608.20 203		FMR	2008 Qtr 2	10	6082 \$	6,082.00
C1023 110 1030	Replace 3'-0" x 7'-0" steel painted interior door	60	1 Carp	10.000	Ea.	10,899.60 203		FMR	2008 Qtr 2	0	0 \$	-
C1023 121 1010	Repair solid core wood door interior	11	1 Carp	8.000	Ea.	1,585.12 203		FMR	2008 Qtr 2	3	4755.36 \$	4,755.36
C1023 121 1020	Refinish 3'-0" x 7'-0" solid core wood door interior	4	1 Pord	8.000	Ea.	415.84 203		FMR	2008 Qtr 2	10	4158.4 \$	4,158.40
C1023 121 1030	Replace 3'-0" x 7'-0" solid core wood door interior	40	1 Carp	8.000	Ea.	3,400.96 203		FMR	2008 Qtr 2	0	3400.96 \$	-
C3013 106 0010	Repair med. wt. vinyl wall covering - (2% of walls)	1	1 Pord	0.105	C.S.F.	28.06 203		FMR	2008 Qtr 2	40	1122.282 \$	1,122.28
C3013 106 0020	Replace medium weight vinyl wall covering	15	1 Pord	5.240	C.S.F.	1,830.80 203		FMR	2008 Qtr 2	2	3661.607 \$	3,661.61
C3013 214 0010	Repair 5/8" drywall - (2% of walls)	20	1 Carp	103.980	S.F.	198.60 203		FMR	2008 Qtr 2	1	397.2036 \$	198.60
C3013 214 0040	Replace 5/8" drywall	75	2 Carp	5,199.900	S.F.	13,987.73 203		FMR	2008 Qtr 2	0	0 \$	-
C3023 112 0020	Refinish concrete floor finished	25	2 Cefi	284.720	C.S.F.	119,778.86 203		FMR	2008 Qtr 2	1	119778.9 \$	119,778.86
C3023 412 0020	Replace vinyl sheet flooring	18	1 Tilf	143.778	S.Y.	14,308.79 203		FMR	2008 Qtr 2	2	28617.57 \$	28,617.57
C3023 510 0020	Replace carpet	8	2 Tilf	192.000	S.Y.	10,010.88 203		FMR	2008 Qtr 2	5	50054.4 \$	50,054.40
C3033 107 0010	Repair sheetrock ceiling - (2% of ceilings)	20	1 Carp	0.970	C.S.F.	413.48 203		FMR	2008 Qtr 2	1	826.9638 \$	413.48
C3033 107 0020	Refinish sheetrock ceiling	20	1 Pord	48.530	C.S.F.	7,536.22 203		FMR	2008 Qtr 2	1	15072.45 \$	7,536.22
C3033 107 0040	Replace sheetrock ceiling	40	2 Carp	48.530	C.S.F.	21,232.36 203		FMR	2008 Qtr 2	0	21232.36 \$	-
D2013 110 0010	Replace flush valve diaphragm tankless water close	10	1 Plum	7.000	Ea.	581.42 203		FMR	2008 Qtr 2	3	2325.68 \$	1,744.26
D2013 110 0015	Rebuild flush valve tankless water closet	20	1 Plum	7.000	Ea.	1,120.07 203		FMR	2008 Qtr 2	1	2240.14 \$	1,120.07
D2013 110 0020	Unplug clogged line tankless water closet	5	1 Plum	7.000	Ea.	1,471.26 203		FMR	2008 Qtr 2	8	11770.08 \$	11,770.08
D2013 110 0030	Replace tankless water closet	35	2 Plum	7.000	Ea.	4,538.52 203		FMR	2008 Qtr 2	1	4538.52 \$	4,538.52
D2013 110 0040	Replace tankless flush valve	25	1 Plum	7.000	Ea.	1,717.59 203		FMR	2008 Qtr 2	1	1717.59 \$	1,717.59
D2013 110 0050	Replace wax ring gasket tankless water closet	5	1 Plum	7.000	Ea.	960.40 203		FMR	2008 Qtr 2	8	7683.2 \$	7,683.20
D2013 210 0010	Replace flush valve diaphragm urinal	7	1 Plum	3.000	Ea.	249.18 203		FMR	2008 Qtr 2	5	1245.9 \$	1,245.90
D2013 210 0015	Rebuild flush valve urinal	20	1 Plum	3.000	Ea.	480.03 203		FMR	2008 Qtr 2	1	960.06 \$	480.03
D2013 210 0020	Unplug line urinal	5	1 Plum	3.000	Ea.	419.73 203		FMR	2008 Qtr 2	8	3357.84 \$	3,357.84
D2013 210 0030	Replace wall-hung urinal	35	2 Plum	3.000	Ea.	3,019.71 203		FMR	2008 Qtr 2	1	3019.71 \$	3,019.71
D2013 330 0010	Replace washer in spud connection lavatory, vitreo	7	1 Plum	13.000	Ea.	368.29 203		FMR	2008 Qtr 2	5	1841.45 \$	1,841.45
D2013 330 0020	Replace washer in faucet lavatory, vitreous china	2	1 Plum	13.000	Ea.	159.77 203		FMR	2008 Qtr 2	20	3195.4 \$	3,195.40
D2013 330 0040	Replace faucets lavatory, vitreous china	10	1 Plum	13.000	Ea.	1,937.78 203		FMR	2008 Qtr 2	3	7751.12 \$	5,813.34
D2013 330 0050	Clean out strainer and P trap lavatory, vitreous chin	2	1 Plum	13.000	Ea.	436.41 203		FMR	2008 Qtr 2	20	8728.2 \$	8,728.20
D2013 330 0060	Replace lavatory, vitreous china	35	2 Plum	13.000	Ea.	8,264.10 203		FMR	2008 Qtr 2	1	8264.1 \$	8,264.10
D2013 460 0010	Replace faucet washer	2	1 Plum	1.000	Ea.	12.19 203		FMR	2008 Qtr 2	20	243.8 \$	243.80
D2013 460 0020	Clean trap	3	1 Plum	1.000	Ea.	8.25 203		FMR	2008 Qtr 2	13	107.25 \$	107.25
D2013 460 0030	Replace faucets	10	1 Plum	1.000	Ea.	149.06 203		FMR	2008 Qtr 2	3	596.24 \$	447.18
D2013 460 0040	Unstop sink	2	1 Plum	1.000	Ea.	40.50 203		FMR	2008 Qtr 2	20	810 \$	810.00
D2013 460 0060	Replace sink, P.E.C.I.	35	1 Plum	1.000	Ea.	1,090.57 203		FMR	2008 Qtr 2	1	1090.57 \$	1,090.57
D2013 810 0010	Check / minor repairs drinking fountain	1	1 Plum	3.000	Ea.	142.02 203		FMR	2008 Qtr 2	40	5680.8 \$	5,680.80
D2013 810 0020	Repair internal leaks drinking fountain	4	1 Plum	3.000	Ea.	130.29 203		FMR	2008 Qtr 2	10	1302.9 \$	1,302.90
D2013 810 0030	Correct water pressure drinking fountain	2	1 Plum	3.000	Ea.	121.50 203		FMR	2008 Qtr 2	20	2430 \$	2,430.00
D2013 810 0040	Replace refrigerant drinking fountain	2	1 Plum	3.000	Ea.	56.58 203		FMR	2008 Qtr 2	20	1131.6 \$	1,131.60
D2013 810 0050	Repair drain leak drinking fountain	4	1 Plum	3.000	Ea.	81.09 203		FMR	2008 Qtr 2	10	810.9 \$	810.90
D2013 810 0070	Replace fountain drinking fountain	10	2 Plum	3.000	Ea.	3,580.71 203		FMR	2008 Qtr 2	3	14322.84 \$	10,742.13
D2013 920 0020	Inspect and clean spray heads, emergency eye was	3	1 Plum	1.000	Ea.	47.44 203		FMR	2008 Qtr 2	13	616.72 \$	616.72
D2013 920 0030	Replace eye wash station, emergency eye wash	25	2 Plum	1.000	Ea.	695.88 203		FMR	2008 Qtr 2	1	695.88 \$	695.88

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CostWorks 2008 Quarter 2**

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Assembly Number	Description	Frequency	Crew	Qty	Unit	Total Incl. O&P	Zip Code Prefix	Type	Release	Adjusted Occurrences	lifecost	Terminal Cutoff
D2023 212 0010	Overhaul water heater, gas / oil, 70 gallon	5	1 Plum	1.000	Ea.	158.02 203		FMR	2008 Qtr 2	8	1264.16 \$	1,264.16
D2023 212 0020	Clean & service water heater, gas / oil, 70 gallon	1	1 Plum	1.000	Ea.	188.37 203		FMR	2008 Qtr 2	40	7534.8 \$	7,534.80
D2023 212 0030	Replace water heater, gas / oil, 70 gallon	12	2 Plum	1.000	Ea.	2,857.11 203		FMR	2008 Qtr 2	3	8571.33 \$	8,571.33
D2023 260 0020	Inspect / check pump / motor operation, lub. circula	0.5	1 Plum	1.000	Ea.	7.72 203		FMR	2008 Qtr 2	80	617.6 \$	617.60
D2023 260 0030	Replace pump / motor assembly circulation pump, 1	10	2 Plum	1.000	Ea.	863.29 203		FMR	2008 Qtr 2	3	3453.16 \$	2,589.87
D2023 240 0020	Replace storage tank, glass lined, P.E., 80 gal.	50	2 Plum	1.000	Ea.	3,162.19 203		FMR	2008 Qtr 2	0	0 \$	-
D2033 110 0020	Unclog main drain pipe & fittings, cast iron	10	1 Plum	1.000	Ea.	44.41 203		FMR	2008 Qtr 2	3	177.64 \$	133.23
D2033 110 0030	Replace pipe & fittings, cast iron	40	2 Plum	10.000	L.F.	507.00 203		FMR	2008 Qtr 2	0	507 \$	-
D2033 130 0010	Unclog floor drain, PVC	20	1 Plum	1.000	Ea.	45.87 203		FMR	2008 Qtr 2	1	91.74 \$	45.87
D2033 130 0100	Replace pipe, 4" pipe and fittings, PVC	30	2 Plum	8.000	L.F.	585.52 203		FMR	2008 Qtr 2	1	585.52 \$	585.52
D2043 210 1010	General maintenance & repair drain: roof, scupper,	1	1 Plum	8.000	Ea.	285.36 203		FMR	2008 Qtr 2	40	11414.4 \$	11,414.40
D2043 210 1020	Replace drain: roof, scupper, area	40	1 Plum	8.000	Ea.	3,745.12 203		FMR	2008 Qtr 2	0	3745.12 \$	-
D3023 180 2010	Repair boiler, gas, 2000 MBH	7	Q5	1.000	Ea.	4,504.76 203		FMR	2008 Qtr 2	5	22523.8 \$	22,523.80
D3023 180 2070	Replace boiler, gas, 2000 MBH	30	Q7	1.000	Ea.	32,374.20 203		FMR	2008 Qtr 2	1	32374.2 \$	32,374.20
D3023 292 1010	Repair chemical feed system	15	1 Stpi	1.000	Ea.	877.61 203		FMR	2008 Qtr 2	2	1755.22 \$	1,755.22
D3023 292 1030	Replace chemical feed system	15	2 Stpi	1.000	Ea.	800.42 203		FMR	2008 Qtr 2	2	1600.84 \$	1,600.84
D3043 530 2010	Repair circulator pump, 1 H.P.	5	1 Stpi	1.000	Ea.	84.47 203		FMR	2008 Qtr 2	8	675.76 \$	675.76
D3043 530 2030	Replace circulator. pump, 1 H.P.	15	Q1	1.000	Ea.	4,368.82 203		FMR	2008 Qtr 2	2	8737.64 \$	8,737.64
D3053 114 0030	Replace heater standard suspended heater	15	1 Elec	7.000	Ea.	5,947.69 203		FMR	2008 Qtr 2	2	11895.38 \$	11,895.38
D3053 245 3010	Repair heat pump, 10 ton, air to air split	10	Q5	1.000	Ea.	3,819.81 203		FMR	2008 Qtr 2	3	15279.24 \$	11,459.43
D3053 245 3030	Replace heat pump, 10 ton, air to air split	20	Q6	1.000	Ea.	13,389.00 203		FMR	2008 Qtr 2	1	26778 \$	13,389.00
D2013 550 0010	Inspect / clean shower head bathtub, fiberglass	3	1 Plum	2.000	Ea.	94.88 203		FMR	2008 Qtr 2	13	1233.44 \$	1,233.44
D2013 550 0020	Replace mixing valve barrel bathtub, fiberglass	2	1 Plum	2.000	Ea.	352.64 203		FMR	2008 Qtr 2	20	7052.8 \$	7,052.80
D2013 550 0030	Replace mixing valve bathtub, fiberglass	10	1 Plum	2.000	Ea.	658.00 203		FMR	2008 Qtr 2	3	2632 \$	1,974.00
D2013 550 0070	Replace bathtub, fiberglass	20	2 Plum	2.000	Ea.	2,437.44 203		FMR	2008 Qtr 2	1	4874.88 \$	2,437.44
D2023 110 0020	Replace pipe and fittings, copper 3/4"	20	2 Plum	32.000	L.F.	687.36 203		FMR	2008 Qtr 2	1	1374.72 \$	687.36
D2023 110 0060	Replace pipe and fittings, copper 2"	25	2 Plum	16.000	L.F.	785.76 203		FMR	2008 Qtr 2	1	785.76 \$	785.76
D2023 160 0030	Remove old insulation & replace with new, pipe 3/4	15	1 Plum	32.000	L.F.	273.28 203		FMR	2008 Qtr 2	2	546.56 \$	546.56
D2033 130 0020	Unclog main drain pipe, PVC	10	1 Plum	1.000	M.L.F.	44.41 203		FMR	2008 Qtr 2	3	177.64 \$	133.23
D2023 120 0060	Replace pipe and fittings, 4" steel	75	2 Plum	1.000	L.F.	84.97 203		FMR	2008 Qtr 2	0	0 \$	-
D3043 120 2010	Repair fan coil unit, 3 ton	10	1 Stpi	7.000	Ea.	3,550.47 203		FMR	2008 Qtr 2	3	14201.88 \$	10,651.41
D3043 120 2030	Replace fan coil unit, 3 ton	15	Q5	7.000	Ea.	17,783.50 203		FMR	2008 Qtr 2	2	35567 \$	35,567.00
D3043 540 0120	Replace expansion tank, 60 gal capacity	50	Q5	1.000	Ea.	1,778.25 203		FMR	2008 Qtr 2	0	0 \$	-
D4013 310 1020	Inspect sprinkler system	1	1 Plum	1.000	Ea.	32.89 203		FMR	2008 Qtr 2	40	1315.6 \$	1,315.60
D4013 310 1030	Replace sprinkler head	20	1 Plum	360.000	Ea.	28,245.60 203		FMR	2008 Qtr 2	1	56491.2 \$	28,245.60
D4013 310 1040	Rebuild double check 3" backflow preventer sprinkl	1	1 Plum	1.000	Ea.	715.83 203		FMR	2008 Qtr 2	40	28633.2 \$	28,633.20
D5013 210 0010	Repair switchgear 1200 A mainframe	5	1 Elec	1.000	Ea.	1,975.10 203		FMR	2008 Qtr 2	8	15800.8 \$	15,800.80
D5013 210 0020	Maintenance and inspection switchgear, mainframe	1	1 Elec	1.000	Ea.	57.01 203		FMR	2008 Qtr 2	40	2280.4 \$	2,280.40
D5013 210 0030	Replace switchgear 1200 A mainframe	20	3 Elec	1.000	Ea.	4,808.24 203		FMR	2008 Qtr 2	1	9616.48 \$	4,808.24
D5013 220 0010	Repair switchgear, - (5% of total C.B.), indoor, less	10	1 Elec	4.000	Ea.	1,270.32 203		FMR	2008 Qtr 2	3	5081.28 \$	3,810.96
D5013 220 0020	Maintenance and inspection switchgear, indoor, les	3	1 Elec	4.000	Ea.	142.52 203		FMR	2008 Qtr 2	13	1852.76 \$	1,852.76
D5013 220 0030	Replace switchgear, indoor, less than 600 V	30	1 Elec	4.000	Ea.	15,574.40 203		FMR	2008 Qtr 2	1	15574.4 \$	15,574.40
D5013 264 0010	Maintenance and repair motor starter, up to 600 V	5	1 Elec	2.000	Ea.	415.00 203		FMR	2008 Qtr 2	8	3320 \$	3,320.00
D5013 264 0020	Maintenance and inspection motor starter, up to 60	0.5	1 Elec	2.000	Ea.	95.70 203		FMR	2008 Qtr 2	80	7656 \$	7,656.00
D5013 264 0030	Replace starter motor starter, up to 600 V	18	1 Elec	2.000	Ea.	1,260.82 203		FMR	2008 Qtr 2	2	2521.64 \$	2,521.64
D5023 150 0010	Maintenance and repair receptacles and plugs	20	1 Elec	18.000	Ea.	697.14 203		FMR	2008 Qtr 2	1	1394.28 \$	697.14
D5023 150 0020	Replace receptacle/plug receptacles and plugs	20	1 Elec	18.000	Ea.	1,159.56 203		FMR	2008 Qtr 2	1	2319.12 \$	1,159.56
D5023 220 0010	Maintenance and repair wiring devices, switches	10	1 Elec	44.000	Ea.	1,704.12 203		FMR	2008 Qtr 2	3	6816.48 \$	5,112.36
D5023 220 0020	Replace switch wiring devices, switches	15	1 Elec	44.000	Ea.	2,743.40 203		FMR	2008 Qtr 2	2	5486.8 \$	5,486.80
D5023 240 0010	Maintenance and repair incandescent lighting fixtur	10	1 Elec	20.000	Ea.	1,127.80 203		FMR	2008 Qtr 2	3	4511.2 \$	3,383.40
D5023 240 0020	Replace lamp incandescent lighting fixtures	5	1 Elec	20.000	Ea.	170.40 203		FMR	2008 Qtr 2	8	1363.2 \$	1,363.20
D5023 240 0030	Replace lighting fixture incandescent	20	1 Elec	20.000	Ea.	2,857.00 203		FMR	2008 Qtr 2	1	5714 \$	2,857.00
D5023 260 0010	Replace fluor. ballast for fluorescent lighting fixture	10	1 Elec	152.000	Ea.	18,252.16 203		FMR	2008 Qtr 2	3	73008.64 \$	54,756.48
D5023 260 0020	Replace lamps (2 lamps) fluorescent lighting fixture	10	1 Elec	152.000	Ea.	4,739.36 203		FMR	2008 Qtr 2	3	18957.44 \$	14,218.08
D5023 260 0030	Replace fixture fluorescent lighting fixture, 80 W	20	1 Elec	152.000	Ea.	32,696.72 203		FMR	2008 Qtr 2	1	65393.44 \$	32,696.72
D5023 270 2010	Replace M.H. ballast mercury halide fixture, 175 W	10	1 Elec	44.000	Ea.	9,851.16 203		FMR	2008 Qtr 2	3	39404.64 \$	29,553.48
D5023 270 2020	Replace lamp mercury halide fixture, 175 W	5	1 Elec	251.000	Ea.	21,954.97 203		FMR	2008 Qtr 2	8	175639.8 \$	175,639.76
D5023 270 2030	Replace mercury halide fixture, 175 W	20	1 Elec	251.000	Ea.	178,654.27 203		FMR	2008 Qtr 2	1	357308.5 \$	178,654.27
D5033 710 0010	Repair smoke detector	10	1 Elec	55.000	Ea.	2,585.00 203		FMR	2008 Qtr 2	3	10340 \$	7,755.00

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D5033 710 0020	Check operation smoke detector	1	1 Elec	55.000	Ea.	786.50 203		FMR	2008 Qtr 2	40	31460 \$	31,460.00
D5033 710 0030	Replace smoke detector	15	1 Elec	55.000	Ea.	12,484.45 203		FMR	2008 Qtr 2	2	24968.9 \$	24,968.90
D5033 720 0010	Check and repair manual pull station	10	1 Elec	6.000	Ea.	509.22 203		FMR	2008 Qtr 2	3	2036.88 \$	1,527.66
D5033 720 0020	Replace manual pull station	15	1 Elec	6.000	Ea.	911.34 203		FMR	2008 Qtr 2	2	1822.68 \$	1,822.68
D5033 760 0010	Minor repairs to fire alarm control panel	5	1 Elec	1.000	Ea.	130.97 203		FMR	2008 Qtr 2	8	1047.76 \$	1,047.76
D5033 760 0020	Maintenance and inspection fire alarm control pane	0.5	1 Elec	1.000	Ea.	38.17 203		FMR	2008 Qtr 2	80	3053.6 \$	3,053.60
D5033 760 0030	Replace fire alarm control panel	15	1 Elec	1.000	Ea.	3,107.84 203		FMR	2008 Qtr 2	2	6215.68 \$	6,215.68
D5033 766 0010	Minor repairs to annunciation panel	5	1 Elec	1.000	Ea.	130.97 203		FMR	2008 Qtr 2	8	1047.76 \$	1,047.76
D5033 766 0020	Maintenance and inspection annunciation panel	0.5	1 Elec	1.000	Ea.	38.17 203		FMR	2008 Qtr 2	80	3053.6 \$	3,053.60
D5033 766 0030	Replace annunciation panel	15	1 Elec	1.000	Ea.	1,008.28 203		FMR	2008 Qtr 2	2	2016.56 \$	2,016.56
D5033 770 0010	Replace fire alarm bell, 6"	20	1 Elec	6.000	Ea.	1,029.06 203		FMR	2008 Qtr 2	1	2058.12 \$	1,029.06

\$1,551,709.09

MR Subtotal \$ 2,004,064.73

MR Per Year \$ 50,101.62

PM Per Year \$ 16,998.18

Subtotal \$ 67,099.80

Total Per Unit \$ 2.45

CostWorks 2008 Quarter 2 - FAC2111 Aircraft Maintenance Hanger

Qty	Description	Bare Total	Total In-House	Total Incl. O&P	Zip Code Prefix	Type	Release
6.000	Door, emergency egress, swinging, annualized	258.48	297.06	345.06	203	FMR	2008 Qtr 2
1.000	Hangar Door 60-80' High, annualized	N/A	N/A	6,619.56	203	Vendor Qoute	
18.000	Fire doors, swinging, annualized	359.10	448.02	537.48	203	FMR	2008 Qtr 2
3.000	Urinals, annualized	31.17	38.79	48.45	203	FMR	2008 Qtr 2
7.000	Toilet (vacuum breaker type), annualized	72.73	90.51	113.05	203	FMR	2008 Qtr 2
13.000	Lavatories, annualized	256.36	320.84	391.04	203	FMR	2008 Qtr 2
3.000	Drink fountain, annualized	120.36	148.50	178.08	203	FMR	2008 Qtr 2
1.000	Water heater, gas, to 120 gal., annualized	131.89	156.50	189.02	203	FMR	2008 Qtr 2
1.000	Boiler, hot water, oil, gas, or comb. fired, over 1000	1,014.36	1,249.02	1,542.45	203	FMR	2008 Qtr 2
7.000	Air handling unit, 3 thru 24 tons, annualized	1,249.43	1,466.99	1,764.21	203	FMR	2008 Qtr 2
2.000	Centrifugal, over 1 HP, annualized	138.08	167.16	206.38	203	FMR	2008 Qtr 2
1.000	Heat pump, air cooled, over 5 ton, annualized	228.44	275.05	334.96	203	FMR	2008 Qtr 2
1.000	Backflow prevention device, up to 4", annualized	15.18	18.89	23.42	203	FMR	2008 Qtr 2
1.000	Extinguishing system, dry pipe, annualized	780.47	950.07	1,156.15	203	FMR	2008 Qtr 2
1.000	Switchboard, with air circuit breaker, annualized	644.81	789.41	987.99	203	FMR	2008 Qtr 2
4.000	Switch, interrupt, high voltage, fused air, annualize	125.64	147.52	176.16	203	FMR	2008 Qtr 2
1.000	Motor control center, over 400 A, annualized	46.94	53.91	64.15	203	FMR	2008 Qtr 2
1.000	Fire alarm annuciator system, annualized	665.79	811.57	990.03	203	FMR	2008 Qtr 2
1.000	Security, intrusion alarm system, annualized	221.02	265.36	326.54	203	FMR	2008 Qtr 2
2.000	Crane, electric bridge, over 15 tons, annualized	662.64	819.08	1,004.00	203	FMR	2008 Qtr 2
		\$7,022.89	\$8,514.25	\$16,998.18			

FAC 2111 Sustainment by Year - Terminal Cutoff Applied

