

FAC 1714 Reserve Training Facility

RUC: \$181.01 SF

Source: USACE PAX Newsletter 3.2.2 dated 20 Mar 09
CC 17140/17141
Deflated from FY-10 to FY-09 using Appendix C of newsletter
In V12, Tri-Service and USACE PAX Newsletter values were updated while all
other values were inflated only.

SUC: \$5.62 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:

CostWorks 2008 Quarter 2 - FAC 1714 Reserve Training Facility

Design Life= 55
Average S.F.= 12178

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

Assembly Number	Description	Frequency	Crew	Qty	Unit	Total Incl. O&P	Zip Code Prefix	Type	Release	Adjusted Occurrences	lifecost	Terminal Cutoff
C3013 214 0030	Refinish drywall	4	1 Pord	9,590.000	S.F.	7,096.60 203		FMR	2008 Qtr 2	13	\$92,255.80	\$ 92,255.80
B3013 130 0500	Minor replacement - (2.5% of roof area) metal steep	20	2 Rofc	2,525.000	S.F.	26,815.50 203		FMR	2008 Qtr 2	2	\$53,631.00	\$ 53,631.00
D2033 130 0100	Replace pipe, 4" pipe and fittings, PVC	30	2 Plum	600.000	L.F.	43,914.00 203		FMR	2008 Qtr 2	1	\$43,914.00	\$ 43,914.00
B2013 119 1010	Repair brick wall - 1st floor	25	1 Bric	461.000	S.F.	20,726.56 203		FMR	2008 Qtr 2	1	\$41,453.12	\$ 20,726.56
D2043 110 1020	Replace pipe or gutter distribution	20	1 Plum	450.000	L.F.	24,673.50 203		FMR	2008 Qtr 2	2	\$49,347.00	\$ 49,347.00
C3023 410 0020	Replace vinyl floor	18	1 Tilf	245.220	S.Y.	14,296.33 203		FMR	2008 Qtr 2	2	\$42,888.98	\$ 28,592.65
D5023 260 0010	Replace floor, ballast for fluorescent lighting fixture,	10	1 Elec	207.000	Ea.	24,856.56 203		FMR	2008 Qtr 2	5	\$124,282.80	\$ 124,282.80
D5023 260 0020	Replace lamps (2 lamps) fluorescent lighting fixture,	10	1 Elec	207.000	Ea.	6,454.26 203		FMR	2008 Qtr 2	5	\$32,271.30	\$ 32,271.30
D5023 260 0030	Replace fixture fluorescent lighting fixture, 80 W	20	1 Elec	207.000	Ea.	44,527.77 203		FMR	2008 Qtr 2	2	\$89,055.54	\$ 89,055.54
B3013 130 0300	Minor finish repairs - (2% of roof area) metal steep r	5	2 Rofc	202.000	S.F.	650.44 203		FMR	2008 Qtr 2	11	\$7,154.84	\$ 7,154.84
B3013 130 0600	Total metal panel replacement metal steep roofing	30	2 Rofc	101.000	Sq.	79,538.51 203		FMR	2008 Qtr 2	1	\$79,538.51	\$ 79,538.51
D3013 210 0130	Replace 10' of buried 4" diam steel pipe/M.L.F. natu	12	B35	83.000	Ea.	79,446.77 203		FMR	2008 Qtr 2	4	\$317,787.08	\$ 317,787.08
C3023 510 0020	Replace carpet	8	2 Tilf	82.270	S.Y.	4,289.56 203		FMR	2008 Qtr 2	6	\$25,737.35	\$ 25,737.35
B2013 330 2040	Replace steel louver - 2nd floor	40	1 Carp	58.000	Ea.	31,090.90 203		FMR	2008 Qtr 2	1	\$31,090.90	\$ 31,090.90
C3023 112 0020	Refinish concrete floor finished	25	2 Cefi	52.850	C.S.F.	22,233.47 203		FMR	2008 Qtr 2	1	\$44,466.93	\$ 22,233.47
D4013 310 1030	Replace sprinkler head	20	1 Plum	45.000	Ea.	3,530.70 203		FMR	2008 Qtr 2	2	\$7,061.40	\$ 7,061.40
D5023 270 2010	Replace M.H. ballast mercury halide fixture, 175 W	10	1 Elec	34.000	Ea.	7,612.26 203		FMR	2008 Qtr 2	5	\$38,061.30	\$ 38,061.30
D5023 270 2020	Replace lamp mercury halide fixture, 175 W	5	1 Elec	34.000	Ea.	2,973.98 203		FMR	2008 Qtr 2	11	\$32,713.78	\$ 32,713.78
D5023 270 2030	Replace mercury halide fixture, 175 W	20	1 Elec	34.000	Ea.	24,200.18 203		FMR	2008 Qtr 2	2	\$48,400.36	\$ 48,400.36
C3033 109 0010	Replace acoustic tile ceiling, fire-rated	20	1 Carp	32.640	C.S.F.	15,634.56 203		FMR	2008 Qtr 2	2	\$31,269.12	\$ 31,269.12
B2013 330 2030	Refinish steel louver - 2nd floor	5	1 Pord	29.000	Ea.	4,135.98 203		FMR	2008 Qtr 2	11	\$45,495.78	\$ 45,495.78
D5093 240 0030	Replace emergency lighting fixture	20	1 Elec	23.000	Ea.	22,346.80 203		FMR	2008 Qtr 2	2	\$44,693.60	\$ 44,693.60
D5093 240 0020	Replace lamp emergency lighting fixture	2	1 Elec	23.000	Ea.	1,475.22 203		FMR	2008 Qtr 2	27	\$39,830.94	\$ 39,830.94
D2033 110 0030	Replace pipe & fittings, cast iron	40	2 Plum	20.000	L.F.	1,014.00 203		FMR	2008 Qtr 2	1	\$1,014.00	\$ 1,014.00
B2023 111 2030	Replace 2'-0" x 3'-0" aluminum window - 2nd floor	50	1 Carp	20.000	Ea.	11,224.20 203		FMR	2008 Qtr 2	0	\$11,224.20	\$ -
B2023 111 2020	Repair 2'-0" x 3'-0" aluminum window - 2nd floor	20	1 Carp	20.000	Ea.	3,688.40 203		FMR	2008 Qtr 2	2	\$7,376.80	\$ 7,376.80
C1023 110 1020	Refinish 3'-0" x 7'-0" steel painted interior door	4	1 Pord	19.000	Ea.	1,155.58 203		FMR	2008 Qtr 2	13	\$15,022.54	\$ 15,022.54
C1023 110 1010	Repair steel painted interior door	14	1 Carp	19.000	Ea.	3,764.66 203		FMR	2008 Qtr 2	3	\$11,293.98	\$ 11,293.98
D2023 110 0020	Replace pipe and fittings, copper 3/4"	20	2 Plum	16.000	L.F.	343.68 203		FMR	2008 Qtr 2	2	\$687.36	\$ 687.36
B2023 111 1020	Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	1 Carp	16.000	Ea.	2,179.20 203		FMR	2008 Qtr 2	2	\$4,358.40	\$ 4,358.40
D2023 160 0040	Remove old insulation & replace with new, pipe 1-1/	15	1 Plum	16.000	L.F.	150.08 203		FMR	2008 Qtr 2	3	\$450.24	\$ 450.24
D2023 110 0060	Replace pipe and fittings, copper 2"	25	2 Plum	16.000	L.F.	785.76 203		FMR	2008 Qtr 2	1	\$1,571.52	\$ 785.76
D2023 160 0030	Remove old insulation & replace with new, pipe 3/4"	15	1 Plum	16.000	L.F.	136.64 203		FMR	2008 Qtr 2	3	\$409.92	\$ 409.92
B2023 111 1030	Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	1 Carp	16.000	Ea.	8,207.84 203		FMR	2008 Qtr 2	0	\$8,207.84	\$ -
C3013 220 0010	Repair 4" x 4" thin set ceramic tile - (2% of walls)	10	1 Tilf	13.200	C.S.F.	12,043.15 203		FMR	2008 Qtr 2	5	\$60,215.76	\$ 60,215.76
D5033 710 0010	Repair smoke detector	10	1 Elec	13.000	Ea.	611.00 203		FMR	2008 Qtr 2	5	\$3,055.00	\$ 3,055.00
B2033 220 1010	Repair steel, painted, door	14	1 Carp	13.000	Ea.	8,922.68 203		FMR	2008 Qtr 2	3	\$26,768.04	\$ 26,768.04
B2033 220 1020	Refinish 3'-0" x 7'-0" steel, painted, door	4	1 Pord	13.000	Ea.	524.03 203		FMR	2008 Qtr 2	13	\$6,812.39	\$ 6,812.39
D5033 710 0030	Replace smoke detector	15	1 Elec	13.000	Ea.	2,950.87 203		FMR	2008 Qtr 2	3	\$8,852.61	\$ 8,852.61
D5033 710 0020	Check operation smoke detector	1	1 Elec	13.000	Ea.	185.90 203		FMR	2008 Qtr 2	55	\$10,224.50	\$ 10,224.50
D2043 210 1020	Replace drain: roof, scupper, area	40	1 Plum	12.000	Ea.	5,617.68 203		FMR	2008 Qtr 2	1	\$5,617.68	\$ 5,617.68
D2043 210 1010	General maintenance & repair drain: roof, scupper,	1	1 Plum	12.000	Ea.	428.04 203		FMR	2008 Qtr 2	55	\$23,542.20	\$ 23,542.20
B3013 130 0100	Debris removal by hand & visual inspection metal st	1	2 Rofc	10.100	M.S.F.	216.14 203		FMR	2008 Qtr 2	55	\$11,887.70	\$ 11,887.70
D2013 710 0010	Inspect / clean shower head shower, terrazzo	3	1 Plum	10.000	Ea.	474.40 203		FMR	2008 Qtr 2	18	\$8,539.20	\$ 8,539.20
D2013 710 0020	Replace mixing valve barrel shower, terrazzo	2	1 Plum	10.000	Ea.	1,763.20 203		FMR	2008 Qtr 2	27	\$47,606.40	\$ 47,606.40
D2013 710 0030	Replace mixing valve shower, terrazzo	10	1 Plum	10.000	Ea.	3,290.00 203		FMR	2008 Qtr 2	5	\$16,450.00	\$ 16,450.00
D2013 710 0060	Replace terrazzo shower surface	30	2 Plum	10.000	Ea.	12,351.30 203		FMR	2008 Qtr 2	1	\$12,351.30	\$ 12,351.30
D2013 110 0040	Replace tankless flush valve	25	1 Plum	9.000	Ea.	2,208.33 203		FMR	2008 Qtr 2	1	\$4,416.66	\$ 2,208.33
D2013 110 0050	Replace wax ring gasket tankless water closet	5	1 Plum	9.000	Ea.	1,234.80 203		FMR	2008 Qtr 2	11	\$13,582.80	\$ 13,582.80
D2013 330 0010	Replace washer in spud connection lavatory, vitreou	7	1 Plum	9.000	Ea.	254.97 203		FMR	2008 Qtr 2	7	\$1,784.79	\$ 1,784.79
D2013 110 0030	Replace tankless water closet	35	2 Plum	9.000	Ea.	5,835.24 203		FMR	2008 Qtr 2	1	\$5,835.24	\$ 5,835.24
D2013 330 0040	Replace faucets lavatory, vitreous china	10	1 Plum	9.000	Ea.	1,341.54 203		FMR	2008 Qtr 2	5	\$6,707.70	\$ 6,707.70
D2013 330 0050	Clean out strainer and P trap lavatory, vitreous china	2	1 Plum	9.000	Ea.	302.13 203		FMR	2008 Qtr 2	27	\$8,157.51	\$ 8,157.51
D2013 330 0060	Replace lavatory, vitreous china	35	2 Plum	9.000	Ea.	5,721.30 203		FMR	2008 Qtr 2	1	\$5,721.30	\$ 5,721.30
D2013 110 0020	Unplug clogged line tankless water closet	5	1 Plum	9.000	Ea.	1,891.62 203		FMR	2008 Qtr 2	11	\$20,807.82	\$ 20,807.82
D5023 150 0010	Maintenance and repair receptacles and plugs	20	1 Elec	9.000	Ea.	348.57 203		FMR	2008 Qtr 2	2	\$697.14	\$ 697.14
D2013 110 0010	Replace flush valve diaphragm tankless water close	10	1 Plum	9.000	Ea.	747.54 203		FMR	2008 Qtr 2	5	\$3,737.70	\$ 3,737.70
D2013 330 0020	Replace washer in faucet lavatory, vitreous china	2	1 Plum	9.000	Ea.	110.61 203		FMR	2008 Qtr 2	27	\$2,986.47	\$ 2,986.47
D5023 150 0020	Replace receptacle/plug receptacles and plugs	20	1 Elec	9.000	Ea.	579.78 203		FMR	2008 Qtr 2	2	\$1,159.56	\$ 1,159.56
D2013 110 0015	Rebuild flush valve tankless water closet	20	1 Plum	9.000	Ea.	1,440.09 203		FMR	2008 Qtr 2	2	\$2,880.18	\$ 2,880.18

CostWorks 2008 Quarter 2 - FAC 1714 Reserve Training Facility

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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
D2013 210 0030	Replace wall-hung urinal	35	2 Plum	8.000	Ea.	8,052.56 203		FMR	2008 Qtr 2	1	\$8,052.56	\$ 8,052.56
D2013 210 0020	Unplug line urinal	5	1 Plum	8.000	Ea.	1,119.28 203		FMR	2008 Qtr 2	11	\$12,312.08	\$ 12,312.08
D2013 210 0015	Rebuild flush valve urinal	20	1 Plum	8.000	Ea.	1,280.08 203		FMR	2008 Qtr 2	2	\$2,560.16	\$ 2,560.16
D2013 210 0010	Replace flush valve diaphragm urinal	7	1 Plum	8.000	Ea.	664.48 203		FMR	2008 Qtr 2	7	\$4,651.36	\$ 4,651.36
D5013 264 0030	Replace starter motor starter, up to 600 V	18	1 Elec	8.000	Ea.	5,043.28 203		FMR	2008 Qtr 2	2	\$15,129.84	\$ 10,086.56
D5013 264 0020	Maintenance and inspection motor starter, up to 600 V	0.5	1 Elec	8.000	Ea.	382.80 203		FMR	2008 Qtr 2	110	\$42,108.00	\$ 42,108.00
D5013 264 0010	Maintenance and repair motor starter, up to 600 V	5	1 Elec	8.000	Ea.	1,660.00 203		FMR	2008 Qtr 2	11	\$18,260.00	\$ 18,260.00
D5033 770 0010	Replace fire alarm bell, 6"	20	1 Elec	7.000	Ea.	1,200.57 203		FMR	2008 Qtr 2	2	\$2,401.14	\$ 2,401.14
D5033 720 0010	Check and repair manual pull station	10	1 Elec	6.000	Ea.	509.22 203		FMR	2008 Qtr 2	5	\$2,546.10	\$ 2,546.10
D5033 720 0020	Replace manual pull station	15	1 Elec	6.000	Ea.	911.34 203		FMR	2008 Qtr 2	3	\$2,734.02	\$ 2,734.02
D5023 220 0020	Replace switch wiring devices, switches	15	1 Elec	5.000	Ea.	311.75 203		FMR	2008 Qtr 2	3	\$935.25	\$ 935.25
D5023 220 0010	Maintenance and repair wiring devices, switches	10	1 Elec	5.000	Ea.	193.65 203		FMR	2008 Qtr 2	5	\$968.25	\$ 968.25
B3013 130 0400	Flashing replacement - (2 S.F. per sq. repaired) met	1	2 Rofc	4.000	S.F.	69.32 203		FMR	2008 Qtr 2	55	\$3,812.60	\$ 3,812.60
D3053 112 0010	Maintenance and repair infrared heater suspended,	1	1 Elec	4.000	Ea.	167.88 203		FMR	2008 Qtr 2	55	\$9,233.40	\$ 9,233.40
D3053 112 0020	Maintenance and inspection infrared heater suspend	0.5	1 Elec	4.000	Ea.	312.32 203		FMR	2008 Qtr 2	110	\$34,355.20	\$ 34,355.20
D3053 112 0030	Replace infrared heater suspended, commercial	15	1 Elec	4.000	Ea.	1,602.20 203		FMR	2008 Qtr 2	3	\$4,806.60	\$ 4,806.60
B2033 111 1020	Repair aluminum storefront door	12	1 Carp	4.000	Ea.	1,962.72 203		FMR	2008 Qtr 2	4	\$7,850.88	\$ 7,850.88
B2033 111 1030	Replace 3'-0" x 7'-0" aluminum storefront doors	50	1 Carp	4.000	Ea.	7,896.32 203		FMR	2008 Qtr 2	0	\$7,896.32	\$ -
D5013 280 0020	Maintenance and inspection lighting panel, indoor	3	1 Elec	3.000	Ea.	106.89 203		FMR	2008 Qtr 2	18	\$1,924.02	\$ 1,924.02
D5093 250 0030	Replace lighting fixture exit light	20	1 Elec	3.000	Ea.	453.72 203		FMR	2008 Qtr 2	2	\$907.44	\$ 907.44
D5093 250 0020	Replace lamp exit light	5	1 Elec	3.000	Ea.	43.86 203		FMR	2008 Qtr 2	11	\$482.46	\$ 482.46
D5093 250 0010	Maintenance and repair exit light	20	1 Elec	3.000	Ea.	119.61 203		FMR	2008 Qtr 2	2	\$239.22	\$ 239.22
D5013 220 0010	Repair switchgear, - (5% of total C.B.), indoor, less t	10	1 Elec	3.000	Ea.	952.74 203		FMR	2008 Qtr 2	5	\$4,763.70	\$ 4,763.70
D5013 220 0020	Maintenance and inspection switchgear, indoor, less	3	1 Elec	3.000	Ea.	106.89 203		FMR	2008 Qtr 2	18	\$1,924.02	\$ 1,924.02
D5013 220 0030	Replace switchgear, indoor, less than 600 V	30	1 Elec	3.000	Ea.	11,680.80 203		FMR	2008 Qtr 2	1	\$11,680.80	\$ 11,680.80
B2033 111 2010	Replace insulating glass - (3% of glass)	1	1 Carp	2.500	S.F.	106.83 203		FMR	2008 Qtr 2	55	\$5,875.38	\$ 5,875.38
B2033 410 1020	Refinish 12' x 12' steel roll-up door	5	1 Pord	2.000	Ea.	411.08 203		FMR	2008 Qtr 2	11	\$4,521.88	\$ 4,521.88
D3053 284 1010	Repair single zone variable volume, 20 ton	10	Q6	2.000	Ea.	48,164.78 203		FMR	2008 Qtr 2	5	\$240,823.90	\$ 240,823.90
D3053 284 1040	Replace single zone variable volume, 20 ton	10	Q7	2.000	Ea.	77,825.60 203		FMR	2008 Qtr 2	5	\$389,128.00	\$ 389,128.00
D2013 460 0060	Replace sink, P.E.C.I.	35	1 Plum	2.000	Ea.	2,181.14 203		FMR	2008 Qtr 2	1	\$2,181.14	\$ 2,181.14
D2013 460 0040	Unstop sink	2	1 Plum	2.000	Ea.	81.00 203		FMR	2008 Qtr 2	27	\$2,187.00	\$ 2,187.00
D2013 460 0030	Replace faucets	10	1 Plum	2.000	Ea.	298.12 203		FMR	2008 Qtr 2	5	\$1,490.60	\$ 1,490.60
D2013 460 0020	Clean trap	3	1 Plum	2.000	Ea.	16.50 203		FMR	2008 Qtr 2	18	\$297.00	\$ 297.00
D2013 460 0010	Replace faucet washer	2	1 Plum	2.000	Ea.	24.38 203		FMR	2008 Qtr 2	27	\$658.26	\$ 658.26
B2033 410 1010	Repair 12' x 12' steel roll-up door	10	1 Carp	2.000	Ea.	1,929.08 203		FMR	2008 Qtr 2	5	\$9,645.40	\$ 9,645.40
B2023 110 2010	Replace glass - 2nd flr. (1% of glass)	1	1 Carp	1.200	S.F.	18.53 203		FMR	2008 Qtr 2	55	\$1,019.04	\$ 1,019.04
D2013 810 0010	Check / minor repairs drinking fountain	1	1 Plum	1.000	Ea.	47.34 203		FMR	2008 Qtr 2	55	\$2,603.70	\$ 2,603.70
D5093 280 0020	Maintenance and inspection UPS battery	0.17	1 Elec	1.000	Ea.	57.01 203		FMR	2008 Qtr 2	323	\$18,414.23	\$ 18,414.23
D3023 180 3070	Replace boiler, gas, 10,000 MBH	30	Q7	1.000	Ea.	215,209.80 203		FMR	2008 Qtr 2	1	\$215,209.80	\$ 215,209.80
D5013 120 0030	Replace transformer primary, dry	30	R3	1.000	Ea.	59,362.44 203		FMR	2008 Qtr 2	1	\$59,362.44	\$ 59,362.44
D5033 760 0030	Replace fire alarm control panel	15	1 Elec	1.000	Ea.	3,107.84 203		FMR	2008 Qtr 2	3	\$9,323.52	\$ 9,323.52
D4013 310 1060	Rebuild double check 6" backflow preventer sprinkle	1	1 Plum	1.000	Ea.	1,017.03 203		FMR	2008 Qtr 2	55	\$55,936.65	\$ 55,936.65
D4013 310 1020	Inspect sprinkler system	1	1 Plum	1.000	Ea.	32.89 203		FMR	2008 Qtr 2	55	\$1,808.95	\$ 1,808.95
D2023 260 0020	Inspect / check pump / motor operation, lub. circulat	0.5	1 Plum	1.000	Ea.	7.72 203		FMR	2008 Qtr 2	110	\$849.20	\$ 849.20
D5033 410 0020	Check operation master clock control	1	1 Elec	1.000	Ea.	38.17 203		FMR	2008 Qtr 2	55	\$2,099.35	\$ 2,099.35
D5033 410 0030	Replace time control clock master clock	15	1 Elec	1.000	Ea.	214.18 203		FMR	2008 Qtr 2	3	\$642.54	\$ 642.54
D2023 260 0030	Replace pump / motor assembly circulation pump, 1	10	2 Plum	1.000	Ea.	863.29 203		FMR	2008 Qtr 2	5	\$4,316.45	\$ 4,316.45
D2023 220 0030	Replace water heater, electric, 120 gallon	15	2 Plum	1.000	Ea.	10,543.79 203		FMR	2008 Qtr 2	3	\$31,631.37	\$ 31,631.37
D3023 180 3010	Repair boiler, gas, 10,000 MBH	7	Q5	1.000	Ea.	16,398.16 203		FMR	2008 Qtr 2	7	\$114,787.12	\$ 114,787.12
D5033 760 0020	Maintenance and inspection fire alarm control panel	0.5	1 Elec	1.000	Ea.	38.17 203		FMR	2008 Qtr 2	110	\$4,198.70	\$ 4,198.70
D5033 410 0010	Maintenance and repair master clock control	10	1 Elec	1.000	Ea.	152.54 203		FMR	2008 Qtr 2	5	\$762.70	\$ 762.70
D5033 766 0010	Minor repairs to annunciation panel	5	1 Elec	1.000	Ea.	130.97 203		FMR	2008 Qtr 2	11	\$1,440.67	\$ 1,440.67
B2033 410 1030	Replace 12' x 12' steel roll-up door	35	2 Carp	1.000	Ea.	3,849.55 203		FMR	2008 Qtr 2	1	\$3,849.55	\$ 3,849.55
D5013 120 0020	Maintenance and inspection primary transformer, dr	0.5	1 Elec	1.000	Ea.	35.63 203		FMR	2008 Qtr 2	110	\$3,919.30	\$ 3,919.30
D5013 120 0010	Repair 15 KV primary transformer, dry	15	1 Elec	1.000	Ea.	201.40 203		FMR	2008 Qtr 2	3	\$604.20	\$ 604.20
B2033 220 2010	Replace tempered glass - (3% of glass)	1	1 Carp	1.000	S.F.	22.96 203		FMR	2008 Qtr 2	55	\$1,262.80	\$ 1,262.80
D5033 766 0020	Maintenance and inspection annunciation panel	0.5	1 Elec	1.000	Ea.	38.17 203		FMR	2008 Qtr 2	110	\$4,198.70	\$ 4,198.70
D5033 766 0030	Replace annunciation panel	15	1 Elec	1.000	Ea.	1,008.28 203		FMR	2008 Qtr 2	3	\$3,024.84	\$ 3,024.84
D2013 810 0020	Repair internal leaks drinking fountain	4	1 Plum	1.000	Ea.	43.43 203		FMR	2008 Qtr 2	13	\$564.59	\$ 564.59
D2013 810 0030	Correct water pressure drinking fountain	2	1 Plum	1.000	Ea.	40.50 203		FMR	2008 Qtr 2	27	\$1,093.50	\$ 1,093.50

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Design Life= 55
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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

Assembly Number	Description	Frequency	Crew	Qty	Unit	Total Incl. O&P	Zip Code Prefix	Type	Release	Adjusted Occurrences	lifecost	Terminal Cutoff
D2013 810 0040	Replace refrigerant drinking fountain	2	1 Plum	1.000	Ea.	18.86 203		FMR	2008 Qtr 2	27	\$509.22	\$ 509.22
D2013 810 0050	Repair drain leak drinking fountain	4	1 Plum	1.000	Ea.	27.03 203		FMR	2008 Qtr 2	13	\$351.39	\$ 351.39
D2013 810 0070	Replace fountain drinking fountain	10	2 Plum	1.000	Ea.	1,193.57 203		FMR	2008 Qtr 2	5	\$5,967.85	\$ 5,967.85
D3043 220 2050	Replace roof mounted exhaust fan, 8500 CFM exha	20	Q20	1.000	Ea.	3,050.64 203		FMR	2008 Qtr 2	2	\$6,101.28	\$ 6,101.28
D2023 220 0010	Drain and flush water heater, electric, 120 gallon	7	1 Plum	1.000	Ea.	283.04 203		FMR	2008 Qtr 2	7	\$1,981.28	\$ 1,981.28
D2023 220 0020	Check operation water heater, electric, 120 gallon	3	1 Plum	1.000	Ea.	2.48 203		FMR	2008 Qtr 2	18	\$44.64	\$ 44.64
D5093 280 0030	Replace motor generator UPS battery	15	1 Elec	1.000	Ea.	684.98 203		FMR	2008 Qtr 2	3	\$2,054.94	\$ 2,054.94
E1093 315 0020	Replace unit dishwasher	10	2 Plum	1.000	Ea.	5,411.91 203		FMR	2008 Qtr 2	5	\$27,059.55	\$ 27,059.55
D5033 760 0010	Minor repairs to fire alarm control panel	5	1 Elec	1.000	Ea.	130.97 203		FMR	2008 Qtr 2	11	\$1,440.67	\$ 1,440.67
B2023 110 1010	Replace glass - 1st flr. (1% of glass)	1	1 Carp	0.960	S.F.	10.20 203		FMR	2008 Qtr 2	55	\$560.74	\$ 560.74
C3033 108 0010	Acoustic tile repairs - (2% of ceilings)	9	1 Carp	0.652	C.S.F.	346.65 203		FMR	2008 Qtr 2	6	\$2,079.89	\$ 2,079.89
											\$1,118,048.25	
											MR Subtotal	\$ 3,102,213.13
											MR Per Year	\$ 56,403.88
											PM Per Year	\$ 14,206.44
											Subtotal	\$ 70,610.32
											Total Per Unit	\$ 5.80

CostWorks 2008 Quarter 1 - FAC 1714 Reserve Training Facility

Qty	Description	Bare Total	Total In-House	Total Incl. O&P	Zip Code Prefix	Type	Release
17.000	Door, emergency egress, swinging, annualized	732.87	842.18	978.35	203	FMR	2008 Qtr 2
2.000	Door, overhead, electric, roll up, to 24' high x 25' w	375.60	480.42	580.38	203	FMR	2008 Qtr 2
20.000	Fire doors, swinging, annualized	398.40	497.40	596.60	203	FMR	2008 Qtr 2
1.000	Drink fountain, annualized	39.73	49.08	58.88	203	FMR	2008 Qtr 2
9.000	Lavatories, annualized	176.13	220.59	269.01	203	FMR	2008 Qtr 2
10.000	Showers, annualized	162.20	196.50	235.70	203	FMR	2008 Qtr 2
9.000	Toilet (vacuum breaker type), annualized	93.51	116.37	145.35	203	FMR	2008 Qtr 2
8.000	Urinals, annualized	83.12	103.44	129.20	203	FMR	2008 Qtr 2
1.000	Water heater, gas, to 120 gal., annualized	130.64	155.12	187.46	203	FMR	2008 Qtr 2
1.000	Boiler, hot water, oil, gas, or comb. fired, over 1000	1,011.84	1,246.25	1,539.30	203	FMR	2008 Qtr 2
1.000	Deaerator tank, annualized	102.53	122.59	149.02	203	FMR	2008 Qtr 2
1.000	Fan, axial, up to 5,000 CFM, annualized	54.02	70.38	86.01	203	FMR	2008 Qtr 2
2.000	Package unit, water cooled, 3 thru 24 ton, annualiz	344.58	412.12	498.30	203	FMR	2008 Qtr 2
1.000	Controls, central system, electro/pneumatic, annua	125.04	150.96	183.26	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
3.000	Panelboard, 225 A and above, annualized	146.76	169.68	201.78	203	FMR	2008 Qtr 2
8.000	Motor control center, over 400 A, annualized	372.64	428.08	509.60	203	FMR	2008 Qtr 2
1.000	Central clock systems, annualized	62.57	76.86	96.20	203	FMR	2008 Qtr 2
1.000	Fire alarm annunciator system, annualized	664.01	809.61	987.80	203	FMR	2008 Qtr 2
1.000	Uninterrupted power system, 200 KVA to 800 KVA	3,900.52	4,759.77	5,960.43	203	FMR	2008 Qtr 2
23.000	Light, emergency, hardwired system, annualized	267.03	327.75	411.01	203	FMR	2008 Qtr 2
1.000	Refrigerator freezer, walk-in box w/external conden	97.89	117.86	140.85	203	FMR	2008 Qtr 2
3.000	Light, emergency, dry cell, annualized	178.44	203.37	238.53	203	FMR	2008 Qtr 2
		\$9,535.25	\$11,575.27	\$14,206.44			

FAC 1714 Sustainment by Year - Terminal Cutoff Applied

