

FAC 1498 Security Support Facility

RUC: \$352.37 SF

Source: USACE PAX Newsletter 3.2.2 of 20 Mar 09
CatCode 14113
Deflated using Appendix C of newsletter
In V12, Tri-Service and USACE PAX Newsletter values were updated while all
other values were inflated only.

SUC: \$3.14 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 1498 Security Support Facility
CostWorks 2008 Quarter 2

Design Life= 36
Average S.F= 184

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
Replace aluminum siding - 1st floor	35	1 Carp	6.000	C.S.F.	2,725.02	3,270.96	2008 Qtr 2	1	0	\$ -
Refinish aluminum siding - 1st floor	20	1 Pord	6.000	C.S.F.	906.72	1,118.04	2008 Qtr 2	1	1	\$ 1,118.04
Replace aluminum siding - 2nd floor	35	1 Carp	6.500	C.S.F.	3,665.68	4,416.62	2008 Qtr 2	1	0	\$ -
Refinish aluminum siding - 2nd floor	20	1 Pord	6.500	C.S.F.	1,527.96	1,874.41	2008 Qtr 2	1	1	\$ 1,874.41
Repair steel, painted, door	14	1 Carp	0.100	Ea.	58.24	68.64	2008 Qtr 2	2	2	\$ 137.27
Refinish 3'-0" x 7'-0" steel, painted, door	12	1 Pord	1.000	Ea.	32.91	40.31	2008 Qtr 2	3	2	\$ 80.62
Replace 3'-0" x 7'-0" steel, painted, door	45	1 Carp	1.000	Ea.	532.08	620.04	2008 Qtr 2	0	0	\$ -
Debris removal by hand & visual inspection shingles	1	2 Rofc	0.100	M.S.F.	1.78	2.14	2008 Qtr 2	36	36	\$ 77.04
Minor asphalt shingle repair - (2% of roof area) shingles	1	2 Rofc	3.600	S.F.	12.46	14.90	2008 Qtr 2	36	36	\$ 536.54
Flashing repairs - (2 S.F. per sq. repaired) shingles	5	2 Rofc	0.070	S.F.	0.82	0.97	2008 Qtr 2	7	7	\$ 6.81
Install new shingles over existing shingles	20	2 Rofc	1.800	Sq.	318.22	377.57	2008 Qtr 2	1	1	\$ 377.57
Removal and replacement of shingles shingles	40	2 Rofc	1.800	Sq.	455.58	545.00	2008 Qtr 2	0	0	\$ -
Repair solid core wood door interior	11	1 Carp	0.100	Ea.	16.78	19.81	2008 Qtr 2	3	2	\$ 39.63
Refinish 3'-0" x 7'-0" solid core wood door interior	12	1 Pord	1.000	Ea.	42.22	51.98	2008 Qtr 2	3	2	\$ 103.96
Replace 3'-0" x 7'-0" solid core wood door interior	40	1 Carp	1.000	Ea.	366.70	425.12	2008 Qtr 2	0	0	\$ -
Repair 5/8" drywall - (2% of walls)	20	1 Carp	3.600	S.F.	5.72	6.88	2008 Qtr 2	1	1	\$ 6.88
Replace 5/8" drywall	75	2 Carp	181.000	S.F.	403.63	486.89	2008 Qtr 2	0	0	\$ -
Minor repairs to concrete floor unfinished	15	1 Cefi	87.000	S.F.	2,666.55	3,221.61	2008 Qtr 2	2	2	\$ 6,443.22
Replace unfinished concrete floor unfinished	75	2 Cefi	1.700	C.S.F.	757.61	897.86	2008 Qtr 2	0	0	\$ -
Replace fluor. ballast for fluorescent lighting fixture, 80 W	10	1 Elec	8.000	Ea.	796.64	960.64	2008 Qtr 2	3	3	\$ 2,881.92
Replace lamps (2 lamps) fluorescent lighting fixture, 80 W	10	1 Elec	8.000	Ea.	203.52	249.44	2008 Qtr 2	3	3	\$ 748.32
Maintenance and repair receptacles and plugs	20	1 Elec	4.000	Ea.	124.36	154.92	2008 Qtr 2	1	1	\$ 154.92
Replace receptacle/plug receptacles and plugs	20	1 Elec	4.000	Ea.	211.04	257.68	2008 Qtr 2	1	1	\$ 257.68
Maintenance and repair wiring devices, switches	10	1 Elec	3.000	Ea.	93.27	116.19	2008 Qtr 2	3	3	\$ 348.57
Replace switch wiring devices, switches	15	1 Elec	3.000	Ea.	153.63	187.05	2008 Qtr 2	2	2	\$ 374.10
Check and repair manual pull station	10	1 Elec	1.000	Ea.	69.21	84.87	2008 Qtr 2	3	3	\$ 254.61
Replace manual pull station	15	1 Elec	1.000	Ea.	125.74	151.89	2008 Qtr 2	2	2	\$ 303.78
Repair smoke detector	10	1 Elec	2.000	Ea.	76.38	94.00	2008 Qtr 2	3	3	\$ 282.00
Check operation smoke detector	1	1 Elec	2.000	Ea.	22.80	28.60	2008 Qtr 2	36	36	\$ 1,029.60
Replace smoke detector	15	1 Elec	2.000	Ea.	379.10	453.98	2008 Qtr 2	2	2	\$ 907.96
					\$16,752.35	\$20,199.01				
									MR Subtotal	\$ 18,345.44
									MR Per Year	\$ 509.60
									PM Per Year	\$87.37
									Subtotal	\$ 596.97
									Total Per Unit	\$ 3.24

CostWorks 2009 Quarter 1 - FAC 1498 Security Support Facility

Qty	Assembly Number	Description	Total In-House	Total Incl. O&P	Zip Code Prefix	Type	Release
1.000	B2035 225 1950	Door, emergency egress, swinging, annualized	49.51	57.51	200	FMR	2008 Qtr 2
1.000	C1025 110 1950	Fire doors, swinging, annualized	24.89	29.86	200	FMR	2008 Qtr 2
			\$74.40	\$87.37			

FAC 1498 Sustainment by Year - Terminal Cutoff Applied

