

**FAC 4221     Ammunition Storage, Installation**

RUC:             \$256.00 SF

Source:          USACE PAX Newsletter 3.2.2 dated 20 Mar 09  
CC 42180 and 42183 averaged  
Deflated 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:             \$2.54 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 4221 Ammunition Storage, Installation  
CostWorks 2008 Quarter 2

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.

	Design Life= 55 Average S.F= 2,083	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 aluminum siding - 1st floor	35	1 Carp	23.200	C.S.F.	10,536.74	12,647.71	2008 Qtr 2	1	1	\$	12,647.71
Refinish aluminum siding - 1st floor	20	1 Pord	23.200	C.S.F.	3,505.98	4,323.09	2008 Qtr 2	2	2	\$	8,646.18
Repair steel, painted, door	14	1 Carp	0.100	Ea.	58.24	68.64	2008 Qtr 2	3	3	\$	205.91
Refinish 3'-0" x 7'-0" steel, painted, door	4	1 Pord	1.000	Ea.	32.91	40.31	2008 Qtr 2	13	13	\$	524.03
Replace 3'-0" x 7'-0" steel, painted, door	45	1 Carp	1.000	Ea.	532.08	620.04	2008 Qtr 2	1	1	\$	620.04
Inspect sprinkler system	1	1 Plum	1.000	Ea.	26.55	32.89	2008 Qtr 2	55	55	\$	1,808.95
Replace sprinkler head	20	1 Plum	24.000	Ea.	1,528.32	1,883.04	2008 Qtr 2	2	2	\$	3,766.08
Repair failed breaker, 3 pole circuit breaker	4	1 Elec	1.000	Ea.	525.04	607.28	2008 Qtr 2	13	13	\$	7,894.64
Maintenance and inspection C.B., 3 pole circuit breaker	0.33	1 Elec	1.000	Ea.	22.91	28.50	2008 Qtr 2	166	166	\$	4,731.00
Replace C.B. enclosed, 600 V, 3 pole circuit breaker	12	1 Elec	1.000	Ea.	993.60	1,158.09	2008 Qtr 2	4	4	\$	4,632.36
Replace fluor. ballast for fluorescent lighting fixture, 80 W	10	1 Elec	28.000	Ea.	2,788.24	3,362.24	2008 Qtr 2	5	5	\$	16,811.20
Replace lamps (2 lamps) fluorescent lighting fixture, 80 W	10	1 Elec	28.000	Ea.	712.32	873.04	2008 Qtr 2	5	5	\$	4,365.20
Replace fixture fluorescent lighting fixture, 80 W	20	1 Elec	0.000	Ea.	0.00	0.00	2008 Qtr 2	2	2	\$	-
Maintenance and repair receptacles and plugs	20	1 Elec	3.000	Ea.	93.27	116.19	2008 Qtr 2	2	2	\$	232.38
Replace receptacle/plug receptacles and plugs	20	1 Elec	3.000	Ea.	158.28	193.26	2008 Qtr 2	2	2	\$	386.52
Maintenance and repair wiring devices, switches	10	1 Elec	3.000	Ea.	93.27	116.19	2008 Qtr 2	5	5	\$	580.95
Replace switch wiring devices, switches	15	1 Elec	3.000	Ea.	153.63	187.05	2008 Qtr 2	3	3	\$	561.15
Minor repairs to concrete floor unfinished	15	1 Cefi	1,847.700	S.F.	56,632.01	68,420.33	2008 Qtr 2	3	3	\$	205,260.99
Replace unfinished concrete floor unfinished	75	2 Cefi	20.800	C.S.F.	9,269.52	10,985.52	2008 Qtr 2	0	0	\$	-
					\$87,662.92	\$105,663.41					
									MR Subtotal	\$	273,675.29
									MR Per Year	\$	4,975.91
									PM Per Year	\$	485.36
									Subtotal	\$	5,461.27
									Total Per Unit	\$	2.62

***CostWorks 2009 Quarter 1 - FAC 4221 Ammunition Storage, Installation***

Qty	Assembly Number	Description	Total In-House	Total Incl. O&P	Zip Code Prefix	Type	Release
2.000	B2035 300 2950	Door, revolving, electric, annualized	332.22	394.26	200	FMR	2008 Qtr 2
1.000	B2035 225 1950	Door, emergency egress, swinging, annualized	49.51	57.51	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
			<b>\$408.71</b>	<b>\$485.36</b>			

# FAC 4221 Sustainment by Year - Terminal Cutoff Applied

