

**FAC 4422 Covered Storage Shed, Installation**

RUC: \$33.00 SF

Source: USACE PAX Newsletter 3.2.2 dated 20 Mar 09  
CatCode 44222  
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: \$0.87 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 4422 Covered Storage Shed, Installation  
CostWorks 2008 Quarter 2

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= 36		C.S.F=100 S.F; MSF=1000 S.F		This spreadsheet was exported from R.S. Means CostWorks						
Average S.F= 2,221		Sq=100 S.F; M.L.F=1000 L.F								
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	20.900	C.S.F.	9,492.15	11,393.84	2008 Qtr 2	1	0	\$ -
Refinish aluminum siding - 1st floor	20	1 Pord	20.900	C.S.F.	3,158.41	3,894.51	2008 Qtr 2	1	1	\$ 3,894.51
Replace aluminum siding - 2nd floor	35	1 Carp	22.600	C.S.F.	12,745.27	15,356.25	2008 Qtr 2	1	0	\$ -
Refinish aluminum siding - 2nd floor	20	1 Pord	22.600	C.S.F.	5,312.58	6,517.16	2008 Qtr 2	1	1	\$ 6,517.16
Replace glass - 1st floor (1% of glass)	1	1 Carp	0.100	S.F.	0.91	1.06	2008 Qtr 2	36	36	\$ 38.23
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	1 Carp	2.000	Ea.	229.92	272.40	2008 Qtr 2	1	1	\$ 272.40
Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	1 Carp	2.000	Ea.	877.20	1,025.98	2008 Qtr 2	0	0	\$ -
Repair steel, painted, door	14	1 Carp	1.000	Ea.	582.44	686.36	2008 Qtr 2	2	2	\$ 1,372.72
Refinish 3'-0" x 7'-0" steel, painted, door	4	1 Pord	1.000	Ea.	32.91	40.31	2008 Qtr 2	9	9	\$ 362.79
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 metal steep roofing	1	2 Rofc	2.200	M.S.F.	39.05	47.08	2008 Qtr 2	36	36	\$ 1,694.88
Minor finish repairs - (2% of roof area) metal steep roofing	5	2 Rofc	44.400	S.F.	120.32	142.97	2008 Qtr 2	7	7	\$ 1,000.78
Flashing replacement - (2 S.F. per sq. repaired) metal steep roofing	1	2 Rofc	0.800	S.F.	11.55	13.86	2008 Qtr 2	36	36	\$ 499.10
Minor replacement - (2.5% of roof area) metal steep roofing	20	2 Rofc	55.500	S.F.	496.17	589.41	2008 Qtr 2	1	1	\$ 589.41
Total metal panel replacement metal steep roofing	30	2 Rofc	22.200	Sq.	14,703.73	17,482.72	2008 Qtr 2	1	1	\$ 17,482.72
Repair steel painted interior door	14	1 Carp	1.000	Ea.	167.75	198.14	2008 Qtr 2	2	2	\$ 396.28
Refinish 3'-0" x 7'-0" steel painted interior door	4	1 Pord	1.000	Ea.	49.40	60.82	2008 Qtr 2	9	9	\$ 547.38
Replace 3'-0" x 7'-0" steel painted interior door	60	1 Carp	1.000	Ea.	937.54	1,089.96	2008 Qtr 2	0	0	\$ -
Repair solid core wood door interior	11	1 Carp	2.000	Ea.	335.50	396.28	2008 Qtr 2	3	2	\$ 792.56
Refinish 3'-0" x 7'-0" solid core wood door interior	4	1 Pord	2.000	Ea.	84.44	103.96	2008 Qtr 2	9	9	\$ 935.64
Replace 3'-0" x 7'-0" solid core wood door interior	40	1 Carp	2.000	Ea.	733.40	850.24	2008 Qtr 2	0	0	\$ -
Minor repairs to concrete floor unfinished	15	1 Cefi	22.200	S.F.	680.43	822.07	2008 Qtr 2	2	2	\$ 1,644.13
Replace unfinished concrete floor unfinished	75	2 Cefi	22.200	C.S.F.	9,893.43	11,724.93	2008 Qtr 2	0	0	\$ -
Replace fluor. ballast for fluorescent lighting fixture, 80 W	10	1 Elec	34.000	Ea.	3,385.72	4,082.72	2008 Qtr 2	3	3	\$ 12,248.16
Replace lamps (2 lamps) fluorescent lighting fixture, 80 W	10	1 Elec	34.000	Ea.	864.96	1,060.12	2008 Qtr 2	3	3	\$ 3,180.36
Replace fixture fluorescent lighting fixture, 80 W	20	1 Elec	34.000	Ea.	6,054.72	7,313.74	2008 Qtr 2	1	1	\$ 7,313.74
Maintenance and repair receptacles and plugs	20	1 Elec	5.000	Ea.	155.45	193.65	2008 Qtr 2	1	1	\$ 193.65
Replace receptacle/plug receptacles and plugs	20	1 Elec	5.000	Ea.	263.80	322.10	2008 Qtr 2	1	1	\$ 322.10
Maintenance and repair wiring devices, switches	10	1 Elec	4.000	Ea.	124.36	154.92	2008 Qtr 2	3	3	\$ 464.76
Replace switch wiring devices, switches	15	1 Elec	4.000	Ea.	204.84	249.40	2008 Qtr 2	2	2	\$ 498.80
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	4.000	Ea.	152.76	188.00	2008 Qtr 2	3	3	\$ 564.00
Check operation smoke detector	1	1 Elec	4.000	Ea.	45.60	57.20	2008 Qtr 2	36	36	\$ 2,059.20
Replace smoke detector	15	1 Elec	4.000	Ea.	758.20	907.96	2008 Qtr 2	2	2	\$ 1,815.92
					\$73,421.94	\$88,096.92				
									MR Subtotal	\$ 67,259.77
									MR Per Year	\$ 1,868.33
									PM Per Year	\$ 147.09
									Subtotal	\$ 2,015.42
									Total Per Unit	\$ 0.91

***CostWorks 2009 Quarter 1 - FAC 4422 Covered Storage Shed, Installation***

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
3.000	C1025 110 1950	Fire doors, swinging, annualized	74.67	89.58	200	FMR	2008 Qtr 2
			<b>\$124.18</b>	<b>\$147.09</b>			

FAC 4422 Sustainment by Year - Terminal Cutoff Applied

