

FAC 7142 Family Housing Storage Facility

RUC: \$21.10 SF

Source: Marshall & Swift
Section 63, page 10
Storage Shed Bldg + 4" Slab on grade
Adjusted for FY-08 pricing and area
Inflated to FY-09 using Green Book Table 5-6 (MCON)
In V12, Tri-Service and USACE PAX Newsletter values were updated while all
other values were inflated only.

SUC: \$0.93 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 7142 Family Housing Storage Facility
CostWorks 2008 Quarter 2

	Design Life= 30 Average S.F= 231	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	0	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
Repair solid core, painted, door	12	1 Carp	1.000	Ea.	314.59	372.99	2008 Qtr 2	2	2	\$ 745.98
Prepare and refinish solid core, painted, door	4	1 Pord	1.000	Ea.	45.84	55.64	2008 Qtr 2	7	7	\$ 389.48
Replace 3'-0" x 7'-0" solid core, painted, door	40	1 Carp	1.000	Ea.	1,251.84	1,462.17	2008 Qtr 2	0	0	\$ -
Debris removal by hand & visual inspection shingles	1	2 Rofc	0.200	M.S.F.	3.55	4.28	2008 Qtr 2	30	30	\$ 128.40
Minor asphalt shingle repair - (2% of roof area) shingles	1	2 Rofc	4.600	S.F.	15.92	19.04	2008 Qtr 2	30	30	\$ 571.32
Flashing repairs - (2 S.F. per sq. repaired) shingles	1	2 Rofc	0.090	S.F.	1.05	1.25	2008 Qtr 2	30	30	\$ 37.53
Install new shingles over existing shingles	20	2 Rofc	2.300	Sq.	406.62	482.45	2008 Qtr 2	1	1	\$ 482.45
Removal and replacement of shingles shingles	40	2 Rofc	2.300	Sq.	582.13	696.39	2008 Qtr 2	0	0	\$ -
Refinish concrete floor finished	25	2 Cefi	2.300	C.S.F.	803.71	967.59	2008 Qtr 2	1	1	\$ 967.59
Maintenance and repair incandescent lighting fixtures	10	1 Elec	1.000	Ea.	47.28	56.39	2008 Qtr 2	3	2	\$ 112.78
Replace lamp incandescent lighting fixtures	5	1 Elec	1.000	Ea.	6.98	8.52	2008 Qtr 2	6	6	\$ 51.12
Replace lighting fixture incandescent	20	1 Elec	1.000	Ea.	119.42	142.85	2008 Qtr 2	1	1	\$ 142.85
Maintenance and repair receptacles and plugs	20	1 Elec	1.000	Ea.	31.09	38.73	2008 Qtr 2	1	1	\$ 38.73
Replace receptacle/plug receptacles and plugs	20	1 Elec	1.000	Ea.	52.76	64.42	2008 Qtr 2	1	1	\$ 64.42
Maintenance and repair wiring devices, switches	10	1 Elec	1.000	Ea.	31.09	38.73	2008 Qtr 2	3	2	\$ 77.46
Replace switch wiring devices, switches	15	1 Elec	1.000	Ea.	51.21	62.35	2008 Qtr 2	2	1	\$ 62.35
					\$7,396.81	\$8,862.79				
									MR Subtotal	\$ 4,990.50
									MR Per Year	\$ 166.35
									PM Per Year	\$ 57.51
									Subtotal	\$ 223.86
									Total Per Unit	\$ 0.97

CostWorks 2008 Quarter 2 - FAC 7142 Family Housing Storage Facility

Qty	Description	Bare Total	Total In-House	Total Incl. O&P	Zip Code Prefix	Type	Release
1.000	Door, emergency egress, swinging, annualized	43.08	49.51	57.51	200	FMR	2008 Qtr 2
		\$43.08	\$49.51	\$57.51			

FAC 7142 Sustainment by Year - Terminal Cutoff Applied

