

FAC 4425 Vehicle Storage, Covered

RUC: \$62.30 SF

Source: USACE PAX Newsletter 3.2.2 dated 20 Mar 09
CatCode 44181 – average of open sides and enclosed
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: \$0.63 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 4425 Vehicle Storage, Covered
CostWorks 2008 Quarter 2

Design Life= 40
Average S.F= 6,482

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	35.800	C.S.F.	16,259.29	19,516.73	2008 Qtr 2	1	1	\$ 19,516.73
Refinish aluminum siding - 1st floor	20	1 Pord	35.800	C.S.F.	5,410.10	6,670.97	2008 Qtr 2	2	1	\$ 6,670.97
Replace aluminum siding - 2nd floor	35	1 Carp	38.600	C.S.F.	21,768.47	26,227.93	2008 Qtr 2	1	1	\$ 26,227.93
Refinish aluminum siding - 2nd floor	20	1 Pord	38.600	C.S.F.	9,073.70	11,131.08	2008 Qtr 2	2	1	\$ 11,131.08
Replace glass - 1st floor (1% of glass)	1	1 Carp	0.010	S.F.	0.09	0.11	2008 Qtr 2	40	40	\$ 4.25
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	1 Carp	0.200	Ea.	22.99	27.24	2008 Qtr 2	2	1	\$ 27.24
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 9' x 7' wood, single leaf, garage door	12	1 Carp	0.100	Ea.	20.99	24.94	2008 Qtr 2	3	3	\$ 74.83
Refinish 9' x 7' wood, single leaf, garage dr.	10	1 Pord	1.000	Ea.	218.31	268.86	2008 Qtr 2	4	3	\$ 806.58
Replace 9' x 7' wood, single leaf, garage door	16	2 Carp	1.000	Ea.	730.24	853.41	2008 Qtr 2	2	2	\$ 1,706.82
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	10	1 Pord	1.000	Ea.	32.91	40.31	2008 Qtr 2	4	3	\$ 120.93
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	6.400	M.S.F.	113.60	136.96	2008 Qtr 2	40	40	\$ 5,478.40
Minor finish repairs - (2% of roof area) metal steep roofing	5	2 Rofc	1.200	S.F.	3.25	3.86	2008 Qtr 2	8	8	\$ 30.91
Flashing replacement - (2 S.F. per sq. repaired) metal steep roofing	5	2 Rofc	2.500	S.F.	36.10	43.33	2008 Qtr 2	8	8	\$ 346.60
Minor replacement - (2.5% of roof area) metal steep roofing	20	2 Rofc	162.000	S.F.	1,448.28	1,720.44	2008 Qtr 2	2	1	\$ 1,720.44
Total metal panel replacement metal steep roofing	30	2 Rofc	64.800	Sq.	42,918.98	51,030.65	2008 Qtr 2	1	1	\$ 51,030.65
Replace fluor. ballast for fluorescent lighting fixture, 80 W	10	1 Elec	80.000	Ea.	7,966.40	9,606.40	2008 Qtr 2	4	3	\$ 28,819.20
Replace lamps (2 lamps) fluorescent lighting fixture, 80 W	10	1 Elec	80.000	Ea.	2,035.20	2,494.40	2008 Qtr 2	4	3	\$ 7,483.20
Maintenance and repair receptacles and plugs	20	1 Elec	2.000	Ea.	62.18	77.46	2008 Qtr 2	2	1	\$ 77.46
Replace receptacle/plug receptacles and plugs	20	1 Elec	20.000	Ea.	1,055.20	1,288.40	2008 Qtr 2	2	1	\$ 1,288.40
Maintenance and repair wiring devices, switches	10	1 Elec	10.000	Ea.	310.90	387.30	2008 Qtr 2	4	3	\$ 1,161.90
Replace switch wiring devices, switches	15	1 Elec	10.000	Ea.	512.10	623.50	2008 Qtr 2	2	2	\$ 1,247.00
Check and repair manual pull station	10	1 Elec	1.000	Ea.	69.21	84.87	2008 Qtr 2	4	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	4	3	\$ 564.00
Check operation smoke detector	1	1 Elec	4.000	Ea.	45.60	57.20	2008 Qtr 2	40	40	\$ 2,288.00
Replace smoke detector	15	1 Elec	4.000	Ea.	758.20	907.96	2008 Qtr 2	2	2	\$ 1,815.92
Refinish concrete floor finished	25	2 Cefi	0.600	C.S.F.	209.66	252.41	2008 Qtr 2	1	1	\$ 252.41

\$112,827.98 **\$135,531.27**

MR Subtotal \$ 170,587.51

MR Per Year \$ 4,264.69

PM Per Year \$ 220.06

Subtotal \$ 4,484.75

Total Per Unit \$ 0.69

CostWorks 2008 Quarter 2 - FAC 4425 Vehicle Storage, Covered (Revised)

Qty	Description	Bare Total	Total In-House	Total Incl. O&P	Zip Code Prefix	Type	Release
1.000	Door, overhead, manual, up to 24' high x 25' wide,		106.45	134.74	162.55	200 FMR	2008 Qtr 2
1.000	Door, emergency egress, swinging, annualized		43.08	49.51	57.51	200 FMR	2008 Qtr 2
			\$149.53	\$184.25	\$220.06		

FAC 4425 Sustainment by Year - Terminal Cutoff Applied

