

**FAC 2145    Vehicle Maintenance Facility**

RUC:                \$71,296.38 EA

Source:            USACE PAX Newsletter 3.2.2 dated 20 Mar 09  
Average of CatCodes 14955 and 14960  
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:                \$1,637.81 EA

Source:            Cost Works model in \$FY-08, inflated to \$FY-09 using Green Book Table 5-6 (O&M less DHP). Value of \$1.07/SF multiplied by average (assumed) size to yield cost factor in unit of measure of "each".  
In V12, values were inflated only.

Model follows:

Chart:             A chart showing relative annual sustainment requirements follows:

FAC 2145 Vehicle Maintenance Facility  
CostWorks 2008

Design Life = 50  
Area = 1,636.00

Description	Frequency	Qty	Unit	Total Incl. O&P	Zip Code Prefix	Type	Release	DL / F	DL / F Trunc	Life Cost	Terminal Cutoff
Repair 8" concrete block wall - 1st floor	25	145.000	S.F.	3,516.25	200	FMR	2008	2	2	\$ 7,032.50	\$ 3,516.25
Replace 8" concrete block wall - 1st floor	60	14.500	C.S.F.	17,251.81	200	FMR	2008	0.8333333333	0	\$ -	\$ -
Repair steel painted interior door	14	1.000	Ea.	195.50	200	FMR	2008	3.571428571	3	\$ 586.50	\$ 586.50
Refinish 3'-0" x 7'-0" steel painted interior door	12	1.000	Ea.	60.48	200	FMR	2008	4.166666667	4	\$ 241.92	\$ 181.44
Replace 3'-0" x 7'-0" steel painted interior door	60	1.000	Ea.	1,072.30	200	FMR	2008	0.8333333333	0	\$ -	\$ -
Repair 8" concrete block wall - (2% of walls) painted	25	0.300	C.S.F.	360.91	200	FMR	2008	2	2	\$ 721.82	\$ 360.91
Refinish concrete block wall painted	12	16.000	C.S.F.	1,874.88	200	FMR	2008	4.166666667	4	\$ 7,499.52	\$ 5,624.64
Replace 8" concrete block wall painted	75	16.000	C.S.F.	20,557.12	200	FMR	2008	0.666666667	0	\$ -	\$ -
Replace pipe and fittings, copper 2"	25	16.000	L.F.	761.44	200	FMR	2008	2	2	\$ 1,522.88	\$ 761.44
Repair failed breaker, 3 pole circuit breaker	4	2.000	Ea.	1,186.32	200	FMR	2008	12.5	12	\$ 14,235.84	\$ 14,235.84
Maintenance and inspection C.B., 3 pole circuit breaker	0.33	2.000	Ea.	54.32	200	FMR	2008	151.5151515	151	\$ 8,202.32	\$ 8,202.32
Replace C.B. enclosed, 600 V, 3 pole circuit breaker	12	2.000	Ea.	2,259.70	200	FMR	2008	4.166666667	4	\$ 9,038.80	\$ 6,779.10
Maintenance and inspection lighting panel, indoor	3	2.000	Ea.	67.90	200	FMR	2008	16.66666667	16	\$ 1,086.40	\$ 1,086.40
Replace fluor. ballast for fluorescent lighting fixture, 80 W	10	40.000	Ea.	4,636.40	200	FMR	2008	5	5	\$ 23,182.00	\$ 23,182.00
Replace lamps (2 lamps) fluorescent lighting fixture, 80 W	10	40.000	Ea.	1,200.00	200	FMR	2008	5	5	\$ 6,000.00	\$ 6,000.00
Maintenance and repair receptacles and plugs	20	10.000	Ea.	369.90	200	FMR	2008	2.5	2	\$ 739.80	\$ 739.80
Replace receptacle/plug receptacles and plug	20	10.000	Ea.	617.80	200	FMR	2008	2.5	2	\$ 1,235.60	\$ 1,235.60
Maintenance and repair wiring devices, switch	10	2.000	Ea.	73.98	200	FMR	2008	5	5	\$ 369.90	\$ 369.90
Replace switch wiring devices, switches	15	2.000	Ea.	119.48	200	FMR	2008	3.3333333333	3	\$ 358.44	\$ 358.44
Refinish concrete floor finished	25	0.150	C.S.F.	62.70	200	FMR	2008	2	2	\$ 125.40	\$ 62.70

\$56,299.19

M&R Sub \$	82,054.24	\$ 73,220.58
M&R Per \$	1,641.08	\$ 1,464.41
PM	\$224.95	\$224.95
Total Per \$	1.14	\$ 1.03
Per EACH		\$ 1,689.36

**CostWorks 2008 - FAC 2145 Vehicle Maintenance Facility**

Qty	Assembly Number	Description	Total In-House	Total Incl. O&P	Zip Code Prefix	Type	Release
1.000	C1025 110 1950	Fire doors, swinging, annualized	24.66	29.59	200	FMR	2008
2.000	D5015 220 1950	Circuit breaker, high voltage air, annualized	51.40	64.02	200	FMR	2008
2.000	D5015 260 1950	Panelboard, 225 A and above, annualized	110.56	131.34	200	FMR	2008
			<b>\$186.62</b>	<b>\$224.95</b>			

FAC 2145 Sustainment by Year - Terminal Cutoff Applied

