

FAC 1421 Helium Production/Storage Building

RUC: \$109.02 SF

Source: USACE PAX Newsletter 3.2.2 dated 20 Mar 09
CatCode 44110 Low Bay
Deflated to FY-09 using Table C
In V12, Tri-Service and USACE PAX Newsletter values were updated while all other values were inflated only.

SUC: \$0.88 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:

Design Life = 36
Area = 2,221.00

Qty	Assembly Number	Description	Frequency	Crew	Unit	Total In-House	Total Incl. O&P	Zip Code Prefix	Type	Release	Terminal Cutoff
20.900	B2013 141 1010	Replace aluminum siding - 1st floor	35	1 Carp	C.S.F.	9,429.45	11,319.02	200	FMR	2008	\$ -
20.900	B2013 141 1020	Refinish aluminum siding - 1st floor	20	1 Pord	C.S.F.	3,139.39	3,871.31	200	FMR	2008	\$ 3,871.31
22.600	B2013 141 2010	Replace aluminum siding - 2nd floor	35	1 Carp	C.S.F.	12,663.01	15,257.71	200	FMR	2008	\$ -
22.600	B2013 141 2020	Refinish aluminum siding - 2nd floor	20	1 Pord	C.S.F.	5,280.94	6,478.52	200	FMR	2008	\$ 6,478.52
0.100	B2023 111 1010	Replace glass - 1st floor (1% of glass)	1	1 Carp	S.F.	0.90	1.05	200	FMR	2008	\$ 37.94
2.000	B2023 111 1020	Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	1 Carp	Ea.	228.34	270.54	200	FMR	2008	\$ 270.54
2.000	B2023 111 1030	Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	1 Carp	Ea.	871.00	1,018.76	200	FMR	2008	\$ -
1.000	B2033 220 1010	Repair steel, painted, door	14	1 Carp	Ea.	578.30	681.52	200	FMR	2008	\$ 1,363.04
1.000	B2033 220 1020	Refinish 3'-0" x 7'-0" steel, painted, door	4	1 Pord	Ea.	32.71	40.07	200	FMR	2008	\$ 360.63
1.000	B2033 220 1030	Replace 3'-0" x 7'-0" steel, painted, door	45	1 Carp	Ea.	528.07	615.39	200	FMR	2008	\$ -
2.200	B3013 130 0100	Debris removal by hand & visual inspection metal	1	2 Rofc	M.S.F.	38.72	46.68	200	FMR	2008	\$ 1,680.62
44.400	B3013 130 0300	Minor finish repairs - (2% of roof area) metal steep	5	2 Rofc	S.F.	119.44	142.08	200	FMR	2008	\$ 994.56
0.800	B3013 130 0400	Flashing replacement - (2 S.F. per sq. repaired) m	1	2 Rofc	S.F.	11.46	13.75	200	FMR	2008	\$ 495.07
55.500	B3013 130 0500	Minor replacement - (2.5% of roof area) metal stee	20	2 Rofc	S.F.	492.84	584.97	200	FMR	2008	\$ 584.97
22.200	B3013 130 0600	Total metal panel replacement metal steep roofing	30	2 Rofc	Sq.	14,607.16	17,366.39	200	FMR	2008	\$ 17,366.39
1.000	C1023 110 1010	Repair steel painted interior door	14	1 Carp	Ea.	165.46	195.50	200	FMR	2008	\$ 391.00
1.000	C1023 110 1020	Refinish 3'-0" x 7'-0" steel painted interior door	4	1 Pord	Ea.	49.13	60.48	200	FMR	2008	\$ 544.32
1.000	C1023 110 1030	Replace 3'-0" x 7'-0" steel painted interior door	60	1 Carp	Ea.	922.11	1,072.30	200	FMR	2008	\$ -
2.000	C1023 121 1010	Repair solid core wood door interior	11	1 Carp	Ea.	330.92	391.00	200	FMR	2008	\$ 782.00
2.000	C1023 121 1020	Refinish 3'-0" x 7'-0" solid core wood door interior	4	1 Pord	Ea.	83.86	103.28	200	FMR	2008	\$ 929.52
2.000	C1023 121 1030	Replace 3'-0" x 7'-0" solid core wood door interior	40	1 Carp	Ea.	720.70	835.72	200	FMR	2008	\$ -
50.000	A1033 110 0010	Minor repairs to concrete floor unfinished	15	1 Cefi	S.F.	1,511.00	1,826.00	200	FMR	2008	\$ 3,652.00
22.200	A1033 110 0020	Replace unfinished concrete floor unfinished	75	2 Cefi	C.S.F.	9,617.26	11,406.36	200	FMR	2008	\$ -
34.000	D5023 260 0010	Replace fluor. ballast for fluorescent lighting fixtur	10	1 Elec	Ea.	3,270.80	3,940.94	200	FMR	2008	\$ 11,822.82
34.000	D5023 260 0020	Replace lamps (2 lamps) fluorescent lighting fixtur	10	1 Elec	Ea.	833.00	1,020.00	200	FMR	2008	\$ 3,060.00
34.000	D5023 260 0030	Replace fixture fluorescent lighting fixture, 80 W	20	1 Elec	Ea.	5,837.12	7,045.82	200	FMR	2008	\$ 7,045.82
5.000	D5023 150 0010	Maintenance and repair receptacles and plugs	20	1 Elec	Ea.	148.50	184.95	200	FMR	2008	\$ 184.95
5.000	D5023 150 0020	Replace receptacle/plug receptacles and plugs	20	1 Elec	Ea.	253.10	308.90	200	FMR	2008	\$ 308.90
4.000	D5023 220 0010	Maintenance and repair wiring devices, switches	10	1 Elec	Ea.	118.80	147.96	200	FMR	2008	\$ 443.88
4.000	D5023 220 0020	Replace switch wiring devices, switches	15	1 Elec	Ea.	196.32	238.96	200	FMR	2008	\$ 477.92
1.000	D5033 720 0010	Check and repair manual pull station	10	1 Elec	Ea.	66.57	81.59	200	FMR	2008	\$ 244.77
1.000	D5033 720 0020	Replace manual pull station	15	1 Elec	Ea.	121.15	146.24	200	FMR	2008	\$ 292.48
4.000	D5033 710 0010	Repair smoke detector	10	1 Elec	Ea.	146.08	179.76	200	FMR	2008	\$ 539.28
4.000	D5033 710 0020	Check operation smoke detector	1	1 Elec	Ea.	43.44	54.52	200	FMR	2008	\$ 1,962.72
4.000	D5033 710 0030	Replace smoke detector	15	1 Elec	Ea.	733.84	878.08	200	FMR	2008	\$ 1,756.16
											\$ 67,942.14
											\$ 1,887.28
											\$ 145.84
											\$ 0.92

CostWorks 2009 Quarter 1 - FAC 1421 Helium Production/Storage Building

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	49.13	57.07	200	FMR	2008
3.000	C1025 110 1950	Fire doors, swinging, annualized	73.98	88.77	200	FMR	2008
			\$123.11	\$145.84			

FAC 1421 Sustainment by Year - Terminal Cutoff Applied

