

**FAC 4212      Intercontinental Ballistic Missile Storage Facility**

RUC:            \$390.94 SF

Source:        Composite of other FACs/CATCODES  
In V12, Tri-Service and USACE PAX Newsletter values were updated  
while all other values were inflated only.

SUC:            \$7.32 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 relative annual sustainment requirements  
follows:

**FAC 4212-Intercontinental Ballistic Missile Storage Facility**  
**CostWorks 2008 Quarter 2**

Design Life=  
Average S.F.=

55 C.S.F=100 S.F; MSF=1000 S.F  
2,853 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
Point & refinish block wall - 1st floor	25	1 Bric	65.000	C.S.F.	24,146.85	29,646.50	2008 Qtr 2	2	1	\$ 29,646.50
Repair steel, painted, door	14	1 Carp	1.000	Ea.	582.44	686.36	2008 Qtr 2	3	3	\$ 2,059.08
Refinish 3'-0" x 7'-0" steel, painted, door	4	1 Pord	1.000	Ea.	32.91	40.31	2008 Qtr 2	13	13	\$ 524.03
Replace 3'-0" x 7'-0" steel, painted, door	45	1 Carp	1.000	Ea.	532.08	620.04	2008 Qtr 2	1	1	\$ 620.04
Debris removal by hand & visual inspection metal steep roofing	1	2 Rofc	0.120	M.S.F.	2.13	2.57	2008 Qtr 2	55	55	\$ 141.24
Total metal panel replacement metal steep roofing	30	2 Rofc	1.200	Sq.	794.80	945.01	2008 Qtr 2	1	1	\$ 945.01
Minor finish repairs - (2% of roof area) metal steep roofing	5	2 Rofc	2.400	S.F.	6.50	7.73	2008 Qtr 2	11	11	\$ 85.01
Flashing replacement - (2 S.F. per sq. repaired) metal steep roofing	1	2 Rofc	0.048	S.F.	0.69	0.83	2008 Qtr 2	55	55	\$ 45.75
Minor replacement - (2.5% of roof area) metal steep roofing	20	2 Rofc	3.000	S.F.	26.82	31.86	2008 Qtr 2	2	2	\$ 63.72
Refinish concrete floor finished	25	2 Cefi	26.000	C.S.F.	9,085.44	10,937.94	2008 Qtr 2	2	1	\$ 10,937.94
Resolder joint pipe & fittings, copper	10	1 Plum	1.000	Ea.	32.85	40.45	2008 Qtr 2	5	5	\$ 202.25
Replace pipe and fittings, copper 3/4"	20	2 Plum	150.000	L.F.	2,658.00	3,222.00	2008 Qtr 2	2	2	\$ 6,444.00
Check and adjust 2 H.P. compressor	1	1 Plum	1.000	Ea.	65.25	81.53	2008 Qtr 2	55	55	\$ 4,484.15
Replace 2 H.P. compressor	25	2 Plum	1.000	Ea.	4,029.04	4,667.63	2008 Qtr 2	2	1	\$ 4,667.63
Repair condenser, air cooled, 5 ton	10	1 Stpi	1.000	Ea.	522.43	625.37	2008 Qtr 2	5	5	\$ 3,126.85
Replace condenser, air cooled, 5 ton	15	Q5	1.000	Ea.	2,760.02	3,225.34	2008 Qtr 2	3	3	\$ 9,676.02
Repair fan coil unit, 5 ton	10	1 Stpi	5.000	Ea.	2,299.80	2,734.00	2008 Qtr 2	5	5	\$ 13,670.00
Replace fan coil unit, 5 ton	15	Q5	5.000	Ea.	12,061.00	13,876.25	2008 Qtr 2	3	3	\$ 41,628.75
Maintenance and inspection lighting panel, indoor	3	1 Elec	2.000	Ea.	57.00	71.26	2008 Qtr 2	18	18	\$ 1,282.68
Maintenance and repair safety switch gen., 2 pole	8	1 Elec	1.000	Ea.	28.50	35.63	2008 Qtr 2	6	6	\$ 213.78
Maintenance and inspection safety switch, 2 pole	1	1 Elec	1.000	Ea.	28.50	35.63	2008 Qtr 2	55	55	\$ 1,959.65
Replace safety switch 240 V, 2 pole	25	2 Elec	1.000	Ea.	353.98	421.38	2008 Qtr 2	2	1	\$ 421.38
Replace fluor. ballast for fluorescent lighting fixture, 80 W	10	1 Elec	31.000	Ea.	3,086.98	3,722.48	2008 Qtr 2	5	5	\$ 18,612.40
Replace lamps (2 lamps) fluorescent lighting fixture, 80 W	10	1 Elec	31.000	Ea.	788.64	966.58	2008 Qtr 2	5	5	\$ 4,832.90
Replace H.P. sodium ballast H.P. sodium fixture, 250 W	10	2 Elec	2.000	Ea.	844.76	968.48	2008 Qtr 2	5	5	\$ 4,842.40
Replace lamp H.P. sodium fixture, 250 W	10	2 Elec	2.000	Ea.	178.96	210.06	2008 Qtr 2	5	5	\$ 1,050.30
Maintenance and repair receptacles and plugs	20	1 Elec	1.000	Ea.	31.09	38.73	2008 Qtr 2	2	2	\$ 77.46
Replace receptacle/plug receptacles and plugs	20	1 Elec	1.000	Ea.	52.76	64.42	2008 Qtr 2	2	2	\$ 128.84
Maintenance and repair special ground system	4	1 Elec	1.000	Ea.	15.22	19.04	2008 Qtr 2	13	13	\$ 247.52
Replace special ground system	50	2 Elec	1.000	M.L.F.	1,724.36	2,079.11	2008 Qtr 2	1	0	\$ -
Replace fixture H.P. sodium fixture, 250 W	20	2 Elec	2.000	Ea.	1,741.82	2,024.92	2008 Qtr 2	2	2	\$ 4,049.84
Replace fixture fluorescent lighting fixture, 80 W	20	1 Elec	31.000	Ea.	5,520.48	6,668.41	2008 Qtr 2	2	2	\$ 13,336.82
Refinish concrete block wall painted	4	1 Pord	46.000	C.S.F.	4,469.82	5,433.98	2008 Qtr 2	13	13	\$ 70,641.74
Replace 8" concrete block wall painted	75	2 Bric	46.000	C.S.F.	49,579.26	59,624.74	2008 Qtr 2	0	0	\$ -
Repair 8" concrete block wall - (2% of walls) painted	25	1 Bric	0.920	C.S.F.	930.31	1,116.90	2008 Qtr 2	2	1	\$ 1,116.90
Repair multi-zone variable volume, 50 ton	10	Q6	1.000	Ea.	33,212.30	39,328.58	2008 Qtr 2	5	5	\$ 196,642.90

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**CostWorks 2008 Quarter 2**

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Replace multi-zone variable volume, 50 ton	15	Q7	1.000	Ea.	125,064.80	144,438.20	2008 Qtr 2	3	3	\$ 433,314.60
Refinish 3'-0" x 7'-0" steel sliding painted door	4	1 Pord	2.000	Ea.	130.42	161.48	2008 Qtr 2	13	13	\$ 2,099.24
Replace 3'-0" x 7'-0" steel sliding painted door	45	1 Carp	2.000	Ea.	1,290.90	1,498.22	2008 Qtr 2	1	1	\$ 1,498.22
Replace steel sliding door glass - (3% of glass)	1	1 Carp	1.260	S.F.	24.32	28.93	2008 Qtr 2	55	55	\$ 1,591.13
Automatic door opener on existing door	7	1 Elec	2.000	Ea.	10,487.20	12,172.24	2008 Qtr 2	7	7	\$ 85,205.68
					<b>\$299,281.43</b>	<b>\$352,521.12</b>				
									MR Subtotal	\$ 972,134.35
									MR Per Year	\$ 17,675.17
									PM Per Year	\$ 3,867.27
									Subtotal	\$ 21,542.44
									Total Per Unit	\$ 7.55

**CostWorks 2009 Quarter 1 - FAC 4212-Intercontinental Ballistic Missile Storage Facility**

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
2.000	B2035 110 1950	Door, sliding, electric, annualized	291.88	350.94	200	FMR	2008 Qtr 2
1.000	D3095 118 1950	Air compressor, reciprocating, less than 5 H.P., an	359.54	438.07	200	FMR	2008 Qtr 2
1.000	D3035 210 1950	Condenser, air cooled, 3 tons to 25 tons, annualize	137.09	167.54	200	FMR	2008 Qtr 2
1.000	D3045 110 1950	Air handling unit, 3 thru 24 tons, annualized	209.57	252.03	200	FMR	2008 Qtr 2
1.000	D3095 220 1950	Dehumidifier, desiccant wheel, annualized	379.32	462.77	200	FMR	2008 Qtr 2
1.000	D3095 210 1950	Steam humidification system, annualized	188.07	229.28	200	FMR	2008 Qtr 2
5.000	D3045 120 1950	Fan coil unit, annualized	1,078.55	1,333.00	200	FMR	2008 Qtr 2
1.000	D3045 170 1950	Fire dampers, annualized	71.97	89.08	200	FMR	2008 Qtr 2
2.000	D5015 260 1950	Panelboard, 225 A and above, annualized	113.92	135.42	200	FMR	2008 Qtr 2
1.000	B2035 110 1950	Door, sliding, electric, annualized	145.94	175.47	200	FMR	2008 Qtr 2
4.000	D5015 236 1950	Switch, interrupt, high voltage, fused air, annualized	147.52	176.16	200	FMR	2008 Qtr 2
			<b>\$3,172.88</b>	<b>\$3,867.27</b>			

# FAC 4212 Sustainment by Year - Terminal Cutoff Applied

