

FAC 8331 Refuse Collection & Recycling Facility

RUC: \$238,265.74

Source: Marshall and Swift, 14/39
Adjusted for 2008 and location
Projected 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: \$4,385.49

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:

CostWorks 2008 - FAC 8331 Refuse Collection and Recycling Facility

Design Life = 36
Area = 12,968.00

Description	Frequency	Qty	Unit	Total In-House	Total Incl. O&P	Zip Code Prefix	Type	Release	DL / F	DL / F Trunc	Life Cost	Terminal Cutoff
Point & refinish block wall - 1st floor	25	25.000	C.S.F.	9,232.75	11,335.75	200	FMR	2008	1.44	1	\$ 11,335.75	\$ 11,335.75
Point & refinish block wall - 2nd floor	25	25.000	C.S.F.	10,880.50	13,347.25	200	FMR	2008	1.44	1	\$ 13,347.25	\$ 13,347.25
Repair steel, painted, door	14	0.200	Ea.	115.66	136.30	200	FMR	2008	2.571429	2	\$ 272.61	\$ 272.61
Refinish 3'-0" x 7'-0" steel, painted, door	12	2.000	Ea.	65.42	80.14	200	FMR	2008	3	3	\$ 240.42	\$ 160.28
Replace 3'-0" x 7'-0" steel, painted, door	45	2.000	Ea.	1,056.14	1,230.78	200	FMR	2008	0.8	0	\$ -	\$ -
Debris removal by hand & visual inspection shingles	1	12.900	M.S.F.	227.04	273.74	200	FMR	2008	36	36	\$ 9,854.57	\$ 9,854.57
Minor asphalt shingle repair - (2% of roof area) shingles	1	259.300	S.F.	889.40	1,065.72	200	FMR	2008	36	36	\$ 38,366.03	\$ 38,366.03
Flashing repairs - (2 S.F. per sq. repaired) shingles	1	5.100	S.F.	59.06	70.38	200	FMR	2008	36	36	\$ 2,533.68	\$ 2,533.68
Install new shingles over existing shingles	20	51.600	Sq.	9,059.41	10,747.76	200	FMR	2008	1.8	1	\$ 10,747.76	\$ 10,747.76
Removal and replacement of shingles shingles	40	51.600	Sq.	12,965.53	15,509.41	200	FMR	2008	0.9	0	\$ -	\$ -
Repair steel painted interior door	14	0.200	Ea.	33.09	39.10	200	FMR	2008	2.571429	2	\$ 78.20	\$ 78.20
Refinish 3'-0" x 7'-0" steel painted interior door	12	2.000	Ea.	98.26	120.96	200	FMR	2008	3	3	\$ 362.88	\$ 241.92
Replace 3'-0" x 7'-0" steel painted interior door	60	2.000	Ea.	1,844.22	2,144.60	200	FMR	2008	0.6	0	\$ -	\$ -
Repair solid core wood door interior	11	0.400	Ea.	66.18	78.20	200	FMR	2008	3.272727	3	\$ 234.60	\$ 156.40
Refinish 3'-0" x 7'-0" solid core wood door interior	12	4.000	Ea.	167.72	206.56	200	FMR	2008	3	3	\$ 619.68	\$ 413.12
Replace 3'-0" x 7'-0" solid core wood door interior	40	4.000	Ea.	1,441.40	1,671.44	200	FMR	2008	0.9	0	\$ -	\$ -
Repair 8" concrete block wall - (2% of walls) painted	25	0.200	C.S.F.	200.36	240.61	200	FMR	2008	1.44	1	\$ 240.61	\$ 240.61
Refinish concrete floor finished	25	0.000	C.S.F.	0.00	0.00	200	FMR	2008	1.44	1	\$ -	\$ -
Replace fire alarm bell, 6"	20	1.000	Ea.	137.44	165.55	200	FMR	2008	1.8	1	\$ 165.55	\$ 165.55
Replace fluor. ballast for fluorescent lighting fixture, 80 W	10	0.000	Ea.	0.00	0.00	200	FMR	2008	3.6	3	\$ -	\$ -
Replace lamps (2 lamps) fluorescent lighting fixture, 80 W	10	194.000	Ea.	4,753.00	5,820.00	200	FMR	2008	3.6	3	\$ 17,460.00	\$ 17,460.00
Replace fixture fluorescent lighting fixture, 80 W	20	50.000	Ea.	8,584.00	10,361.50	200	FMR	2008	1.8	1	\$ 10,361.50	\$ 10,361.50
Maintenance and repair receptacles and plugs	20	50.000	Ea.	1,485.00	1,849.50	200	FMR	2008	1.8	1	\$ 1,849.50	\$ 1,849.50
Replace receptacle/plug receptacles and plugs	20	50.000	Ea.	2,531.00	3,089.00	200	FMR	2008	1.8	1	\$ 3,089.00	\$ 3,089.00
Maintenance and repair wiring devices, switches	10	15.000	Ea.	445.50	554.85	200	FMR	2008	3.6	3	\$ 1,664.55	\$ 1,664.55
Replace switch wiring devices, switches	15	15.000	Ea.	736.20	896.10	200	FMR	2008	2.4	2	\$ 1,792.20	\$ 1,792.20
Check and repair manual pull station	10	1.000	Ea.	66.57	81.59	200	FMR	2008	3.6	3	\$ 244.77	\$ 244.77
Replace manual pull station	15	1.000	Ea.	121.15	146.24	200	FMR	2008	2.4	2	\$ 292.48	\$ 292.48
Repair smoke detector	10	26.000	Ea.	949.52	1,168.44	200	FMR	2008	3.6	3	\$ 3,505.32	\$ 3,505.32
Check operation smoke detector	1	26.000	Ea.	282.36	354.38	200	FMR	2008	36	36	\$ 12,757.68	\$ 12,757.68
Replace smoke detector	15	26.000	Ea.	4,769.96	5,707.52	200	FMR	2008	2.4	2	\$ 11,415.04	\$ 11,415.04
				\$73,263.85	\$88,493.38							

Total \$ 152,831.62 \$ 152,345.76

Per Year \$ 4,245.32 \$ 4,231.83

PM \$ 291.68 \$ 291.68

Per SF \$ 0.35 \$ 0.35

Per EA SCF EACH \$ 4,523.51

CostWorks 2009 Quarter 1 - FAC 8331 Refuse Collection and Recycling Facility

Qty	Assembly Number	Description	Total In-House	Total Incl. O&P	Zip Code Prefix	Type	Release
2.000	B2035 225 1950	Door, emergency egress, swinging, annualized	98.26	114.14	200	FMR	2008
6.000	C1025 110 1950	Fire doors, swinging, annualized	147.96	177.54	200	FMR	2008
			\$246.22	\$291.68			

FAC 8331 Sustainment by Year - Terminal Cutoff Applied

