

**FAC 7250 EMERGENCY UNACCOMPANIED PERSONNEL HOUSING**

FY22 SUC: \$2.28 / SF  
Source: Calculated using R.S. Means CostWorks 2021 Qtr 3  
component prices

FAC 7250 EMERGENCY UNACCOMPANIED PERSONNEL HOUSING

Release 2021 Qtr 3

Zip Code Prefix 222

Type MR

UM SF

Design Life 41

Average Size 1970.0

SUC \$2.28

Adjusted Occurrences are the occurrences remaining after subtracting Repair/Replacement Overlaps. Overlap reduction removes a repair when it occurs the same year as a replacement.

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Repair solid core, painted, door	12	2.00 Ea.	\$752.89	\$900.91	3.4167	3	3	\$2,702.74	\$2,702.74
Replace 3'-0" x 7'-0" solid core, painted, door	40	2.00 Ea.	\$2,181.52	\$2,582.27	1.0250	1	1	\$2,582.27	\$2,582.27
Repair hollow core door	12	2.00 Ea.	\$665.95	\$800.26	3.4167	3	3	\$2,400.78	\$2,400.78
Refinish 3'-0" x 7'-0" hollow core door	4	2.00 Ea.	\$106.61	\$129.58	10.2500	10	10	\$1,295.79	\$1,295.79
Replace 3'-0" x 7'-0" hollow core door	30	2.00 Ea.	\$1,997.61	\$2,363.88	1.3667	1	1	\$2,363.88	\$2,363.88
Asphalt shingle flashing repairs, 2 S.F. per sq. repaired	1	38.00 S.F.	\$607.24	\$726.74	41.0000	41	41	\$29,796.17	\$29,796.17
Total asphalt shingle roof replacement	40	19.00 Sq.	\$7,409.47	\$8,804.55	1.0250	1	1	\$8,804.55	\$8,804.55
Replace washer / diaphragm in ball cock flush-tank water closet	5	4.00 Ea.	\$74.43	\$91.79	8.2000	8	8	\$734.34	\$734.34
Replace valve and ball cock assembly flush-tank water closet	15	4.00 Ea.	\$374.47	\$462.27	2.7333	2	2	\$924.54	\$924.54
Replace washer in spud connection lavatory, vitreous china	7	4.00 Ea.	\$65.85	\$80.32	5.8571	5	5	\$401.60	\$401.60
Replace washer in faucet lavatory, vitreous china	2	4.00 Ea.	\$51.54	\$64.21	20.5000	20	20	\$1,284.15	\$1,284.15
Clean out strainer and P trap lavatory, vitreous china	2	4.00 Ea.	\$139.48	\$174.43	20.5000	20	20	\$3,488.63	\$3,488.63
Repair air conditioner, DX, 5 ton	10	1.00 Ea.	\$4,175.52	\$4,974.00	4.1000	4	2	\$19,896.01	\$9,948.01
Replace air conditioner, DX, 5 ton	20	1.00 Ea.	\$7,920.83	\$9,308.71	2.0500	2	2	\$18,617.42	\$18,617.42
Repair furnace, gas, 100 MBH residential	10	1.00 Ea.	\$4,432.73	\$5,141.36	4.1000	4	4	\$20,565.44	\$20,565.44
Replace furnace, gas, 100 MBH residential	15	1.00 Ea.	\$1,567.47	\$1,852.17	2.7333	2	2	\$3,704.33	\$3,704.33
Maintenance and inspection lighting panel, indoor	3	1.00 Ea.	\$40.64	\$50.92	13.6667	13	13	\$661.98	\$661.98
Maintenance and repair incandescent lighting fixtures	10	1.00 Ea.	\$68.87	\$81.99	4.1000	4	4	\$327.94	\$327.94
Replace incandescent lighting fixture lamp	5	1.00 Ea.	\$11.48	\$13.87	8.2000	8	8	\$110.94	\$110.94
Replace fluorescent light fixture ballast, 80 W	10	10.00 Ea.	\$1,246.68	\$1,512.37	4.1000	4	4	\$6,049.49	\$6,049.49
Replace lamps (2 lamps), 4', 34 W energy saver	10	10.00 Ea.	\$252.14	\$315.79	4.1000	4	4	\$1,263.16	\$1,263.16
			\$34,143.43	\$40,432.38					
								MR Subtotal	\$118,028.13
								MR Per Year	\$2,878.73
								PM Total	\$1,605.83
								Subtotal	\$4,484.56
								Total Per Unit	\$2.28

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Release 2021 Qtr 3 UM SF  
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Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Door, emergency egress, swinging, annualized	2.00	0.52	\$29.18	\$21.50	\$0.00	\$50.68	\$60.05	\$70.88
Toilet (tank type), annualized	4.00	1.55	\$30.53	\$77.53	\$0.00	\$108.06	\$134.37	\$162.21
Lavatories, annualized	4.00	1.39	\$23.86	\$82.81	\$0.00	\$106.67	\$133.90	\$162.33
Showers, annualized	4.00	0.91	\$51.56	\$54.45	\$0.00	\$106.01	\$127.50	\$151.56
Forced air heater, oil or gas fired, up to 120 MBH, annualized	1.00	5.63	\$51.06	\$339.19	\$0.00	\$390.24	\$497.10	\$606.52
Package unit, air cooled, 3 thru 24 ton, annualized	1.00	2.40	\$176.92	\$144.48	\$0.00	\$321.41	\$382.45	\$452.33
						\$1,083.07	\$1,335.37	\$1,605.83



# **FAC 7250 EMERGENCY UNACCOMPANIED PERSONNEL HOUSING**

## **Modeled Component List CostWorks Release 2021 Qtr 3**

B20 Exterior Enclosure	
Solid Core, Painted	2.0 Ea.
Hollow Core, Painted	2.0 Ea.
D30 HVAC	
Air Conditioner, DX Package, 5 ton	1.0 Ea.
Residential Gas Furnace, 100 MBH	1.0 Ea.
D50 Electrical	
Load Center, 100 A, maintenance & inspection	1.0 Ea.

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Sustainment by Year  
CostWorks Release 2021 Qtr 3

