

**FAC 7250 EMERGENCY UNACCOMPANIED PERSONNEL HOUSING**

FY24 SUC: \$2.53 / SF  
Source: Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 7250 EMERGENCY UNACCOMPANIED PERSONNEL HOUSING

Release 2023 Qtr 4

Zip Code Prefix 222

Type MR

UM SF

Design Life 41

Average Size 1970.0

SUC \$2.53

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.	\$777.94	\$932.60	3.4167	3	3	\$2,797.81	\$2,797.81	
Replace 3'-0" x 7'-0" solid core, painted, door	40	2.00 Ea.	\$2,821.78	\$3,316.85	1.0250	1	1	\$3,316.85	\$3,316.85	
Repair hollow core door	12	2.00 Ea.	\$694.06	\$835.29	3.4167	3	3	\$2,505.87	\$2,505.87	
Refinish 3'-0" x 7'-0" hollow core door	4	2.00 Ea.	\$124.66	\$150.65	10.2500	10	10	\$1,506.45	\$1,506.45	
Replace 3'-0" x 7'-0" hollow core door	30	2.00 Ea.	\$2,452.05	\$2,886.79	1.3667	1	1	\$2,886.79	\$2,886.79	
Asphalt shingle flashing repairs, 2 S.F. per sq. repaired	1	38.00 S.F.	\$860.55	\$1,017.36	41.0000	41	41	\$41,711.74	\$41,711.74	
Total asphalt shingle roof replacement	40	19.00 Sq.	\$8,067.67	\$9,580.94	1.0250	1	1	\$9,580.94	\$9,580.94	
Replace washer / diaphragm in ball cock flush-tank water closet	5	4.00 Ea.	\$78.54	\$96.90	8.2000	8	8	\$775.22	\$775.22	
Replace valve and ball cock assembly flush-tank water closet	15	4.00 Ea.	\$389.19	\$481.08	2.7333	2	2	\$962.15	\$962.15	
Replace washer in spud connection lavatory, vitreous china	7	4.00 Ea.	\$69.29	\$84.56	5.8571	5	5	\$422.82	\$422.82	
Replace washer in faucet lavatory, vitreous china	2	4.00 Ea.	\$54.27	\$67.67	20.5000	20	20	\$1,353.38	\$1,353.38	
Clean out strainer and P trap lavatory, vitreous china	2	4.00 Ea.	\$147.27	\$184.36	20.5000	20	20	\$3,687.26	\$3,687.26	
Repair air conditioner, DX, 5 ton	10	1.00 Ea.	\$4,619.01	\$5,491.53	4.1000	4	2	\$21,966.11	\$10,983.06	
Replace air conditioner, DX, 5 ton	20	1.00 Ea.	\$8,389.13	\$9,859.07	2.0500	2	2	\$19,718.14	\$19,718.14	
Repair furnace, gas, 100 MBH residential	10	1.00 Ea.	\$4,712.66	\$5,466.54	4.1000	4	4	\$21,866.15	\$21,866.15	
Replace furnace, gas, 100 MBH residential	15	1.00 Ea.	\$1,659.49	\$1,960.84	2.7333	2	2	\$3,921.68	\$3,921.68	
Maintenance and inspection lighting panel, indoor	3	1.00 Ea.	\$42.34	\$53.05	13.6667	13	13	\$689.66	\$689.66	
Maintenance and repair incandescent lighting fixtures	10	1.00 Ea.	\$67.33	\$80.45	4.1000	4	4	\$321.79	\$321.79	
Replace incandescent lighting fixture lamp	5	1.00 Ea.	\$12.84	\$15.45	8.2000	8	8	\$123.63	\$123.63	
Replace fluorescent light fixture ballast, 80 W	10	10.00 Ea.	\$1,046.06	\$1,289.91	4.1000	4	4	\$5,159.63	\$5,159.63	
Replace lamps (2 lamps), 4', 34 W energy saver	10	10.00 Ea.	\$264.86	\$331.69	4.1000	4	4	\$1,326.76	\$1,326.76	
			\$37,351.00	\$44,183.57				MR Subtotal	\$135,617.76	
									MR Per Year	\$3,307.75
									PM Total	\$1,674.65
									Subtotal	\$4,982.40
									Total Per Unit	\$2.53

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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	\$33.53	\$22.97	\$0.00	\$56.49	\$66.74	\$78.66
Toilet (tank type), annualized	4.00	1.55	\$31.98	\$83.71	\$0.00	\$115.69	\$144.00	\$173.91
Lavatories, annualized	4.00	1.39	\$31.17	\$87.20	\$0.00	\$118.37	\$147.65	\$178.48
Showers, annualized	4.00	0.91	\$54.04	\$57.38	\$0.00	\$111.42	\$134.04	\$159.36
Forced air heater, oil or gas fired, up to 120 MBH, annualized	1.00	5.63	\$48.58	\$357.52	\$0.00	\$406.10	\$518.21	\$632.75
Package unit, air cooled, 3 thru 24 ton, annualized	1.00	2.40	\$166.98	\$151.73	\$0.00	\$318.71	\$380.92	\$451.49
						\$1,126.78	\$1,391.56	\$1,674.65



# **FAC 7250 EMERGENCY UNACCOMPANIED PERSONNEL HOUSING**

## **Modeled Component List CostWorks Release 2023 Qtr 4**

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.

FAC 7250 EMERGENCY UNACCOMPANIED PERSONNEL HOUSING  
Sustainment by Year  
CostWorks Release 2023 Qtr 4

