

FAC 7232 UNACCOMPANIED PERSONNEL HOUSING GARAGE

FY24 SUC: \$1.57 / SF
Source: Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 7232 UNACCOMPANIED PERSONNEL HOUSING GARAGE

Release 2023 Qtr 4

Zip Code Prefix 222

Type MR

UM SF

Design Life 35

Average Size 3500.0

SUC \$1.57

Adjusted Occurences 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	
Replace aluminum siding, 1st floor	35	14.00 C.S.F.	\$8,675.09	\$10,448.97	1.0000	1	1	\$10,448.97	\$10,448.97	
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	10.00 Ea.	\$1,563.13	\$1,862.71	1.7500	1	1	\$1,862.71	\$1,862.71	
Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	20.00 Ea.	\$13,550.81	\$15,906.06	0.7000	0	0	\$0.00	\$0.00	
Repair solid core, painted, door	12	20.00 Ea.	\$7,779.41	\$9,326.03	2.9167	2	2	\$18,652.06	\$18,652.06	
Repair 9' x 7' wood, single leaf, garage door	8	20.00 Ea.	\$7,220.05	\$8,522.16	4.3750	4	4	\$34,088.63	\$34,088.63	
Minor asphalt shingle repair, 2% of roof area	1	70.00 S.F.	\$376.36	\$451.07	35.0000	35	35	\$15,787.54	\$15,787.54	
Total asphalt shingle roof replacement	40	35.00 Sq.	\$14,861.49	\$17,649.11	0.8750	0	0	\$0.00	\$0.00	
Replace aluminum downspout, 3" x 4", .024" thick	25	84.00 L.F.	\$744.09	\$898.67	1.4000	1	1	\$898.67	\$898.67	
Replace galvanized steel gutter, 5" box type, 28 ga.	40	230.00 L.F.	\$2,642.28	\$3,172.83	0.8750	0	0	\$0.00	\$0.00	
Refinish concrete floor finished	25	13.00 C.S.F.	\$5,415.50	\$6,534.04	1.4000	1	1	\$6,534.04	\$6,534.04	
Replace fuse	25	20.00 Ea.	\$9,137.90	\$10,493.38	1.4000	1	1	\$10,493.38	\$10,493.38	
Maintenance and inspection lighting panel, indoor	3	4.00 Ea.	\$169.38	\$212.20	11.6667	11	11	\$2,334.25	\$2,334.25	
Replace safety switch, heavy duty 30 A	25	4.00 Ea.	\$2,706.51	\$3,224.94	1.4000	1	1	\$3,224.94	\$3,224.94	
Maintenance and repair incandescent lighting fixtures	10	20.00 Ea.	\$1,346.68	\$1,608.95	3.5000	3	2	\$4,826.85	\$3,217.90	
Replace incandescent lighting fixture lamp	5	20.00 Ea.	\$256.80	\$309.07	7.0000	7	7	\$2,163.52	\$2,163.52	
Replace incandescent lighting fixture	20	20.00 Ea.	\$2,794.26	\$3,389.19	1.7500	1	1	\$3,389.19	\$3,389.19	
Replace fluorescent light fixture ballast, 80 W	10	20.00 Ea.	\$2,092.12	\$2,579.82	3.5000	3	3	\$7,739.45	\$7,739.45	
Replace lamps (2 lamps), 4', 34 W energy saver	10	20.00 Ea.	\$529.71	\$663.38	3.5000	3	3	\$1,990.14	\$1,990.14	
			\$81,861.60	\$97,252.58				MR Subtotal	\$122,825.38	
									MR Per Year	\$3,509.30
									PM Total	\$1,977.03
									Subtotal	\$5,486.33
									Total Per Unit	\$1.57

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Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Door, overhead, manual, up to 24' high x 25' wide, annually	20.00	22.14	\$84.91	\$978.90	\$0.00	\$1,063.81	\$1,365.97	\$1,672.38
Panelboard, 225 A and above, annualized	4.00	1.76	\$88.00	\$121.66	\$0.00	\$209.66	\$254.96	\$304.66
						\$1,273.47	\$1,620.93	\$1,977.03

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Modeled Component List CostWorks Release 2023 Qtr 4

B20 Exterior Enclosure

Aluminum Siding, 1st floor	14.0 C.S.F.
Aluminum Window, Fixed, 1st floor	20.0 Ea.

C30 Interior Finishes

Concrete, Finished	13.0 C.S.F.
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D50 Electrical

Load Center, 100 A, maintenance & inspection	4.0 Ea.
Safety Switch, Heavy Duty	4.0 Ea.
Incandescent Lighting Fixtures	20.0 Ea.

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Sustainment by Year
CostWorks Release 2023 Qtr 4

