

FAC 7381 FORESTRY GUARD STATION

FY24 SUC:	\$1.96 / SF
Source:	Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 7381 FORESTRY GUARD STATION

Release 2023 Qtr 4
Zip Code Prefix 222
Type MR

UM SF
Design Life 36
Average Size 469.526315

SUC \$1.96

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	6.00 C.S.F.	\$3,717.90	\$4,478.13	1.0286	1	1	\$4,478.13	\$4,478.13
Repair solid core, painted, door	12	1.00 Ea.	\$388.97	\$466.30	3.0000	3	3	\$1,398.90	\$1,398.90
Debris removal by hand and visual inspection, asphalt shingle	1	0.20 M.S.F.	\$4.91	\$5.99	36.0000	36	36	\$215.52	\$215.52
Minor asphalt shingle repair, 2% of roof area	1	3.60 S.F.	\$19.36	\$23.20	36.0000	36	36	\$835.13	\$835.13
Asphalt shingle flashing repairs, 2 S.F. per sq. repaired	1	0.09 S.F.	\$2.04	\$2.41	36.0000	36	36	\$86.74	\$86.74
Install new asphalt shingles over existing shingles	20	6.00 Sq.	\$1,827.27	\$2,152.87	1.8000	1	1	\$2,152.87	\$2,152.87
Total asphalt shingle roof replacement	40	4.20 Sq.	\$1,783.38	\$2,117.89	0.9000	0	0	\$0.00	\$0.00
Refinish wood steps	3	332.00 S.F.	\$772.52	\$953.18	12.0000	12	12	\$11,438.16	\$11,438.16
Refinish wood stair railing, interior	7	64.00 L.F.	\$148.92	\$183.75	5.1429	5	5	\$918.73	\$918.73
Maintenance and repair wall mounted/recessed heater, with fan	5	1.00 Ea.	\$181.16	\$214.07	7.2000	7	7	\$1,498.47	\$1,498.47
Replace heater wall mounted/recessed heater, with fan	20	1.00 Ea.	\$521.07	\$620.14	1.8000	1	1	\$620.14	\$620.14
Replace fuse	25	2.00 Ea.	\$913.79	\$1,049.34	1.4400	1	1	\$1,049.34	\$1,049.34
Maintenance and inspection lighting panel, indoor	3	1.00 Ea.	\$42.34	\$53.05	12.0000	12	12	\$636.61	\$636.61
Replace circuit breaker molded case, 480 V, 1 pole circuit breaker	50	1.00 Ea.	\$788.43	\$912.41	0.7200	0	0	\$0.00	\$0.00
Maintenance and repair receptacles and plugs	20	3.00 Ea.	\$132.13	\$164.95	1.8000	1	1	\$164.95	\$164.95
Replace wiring devices, switches	15	3.00 Ea.	\$200.04	\$249.02	2.4000	2	2	\$498.04	\$498.04
Replace fluorescent light fixture ballast, 80 W	10	2.00 Ea.	\$209.21	\$257.98	3.6000	3	2	\$773.94	\$515.96
Replace lamps (2 lamps), 4', 34 W energy saver	10	2.00 Ea.	\$52.97	\$66.34	3.6000	3	3	\$199.01	\$199.01
Replace fluorescent fixture, lay-in, recess mtd, 2' x 4', two 40 W	20	2.00 Ea.	\$495.25	\$602.75	1.8000	1	1	\$602.75	\$602.75
			\$12,201.65	\$14,573.77					
								MR Subtotal	\$27,309.46
								MR Per Year	\$758.60
								PM Total	\$163.96
								Subtotal	\$922.56
								Total Per Unit	\$1.96

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Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Unit heater, gas radiant, annualized	1.00	1.01	\$1.03	\$54.06	\$0.00	\$55.10	\$71.42	\$87.79
Panelboard, 225 A and above, annualized	1.00	0.44	\$22.00	\$30.41	\$0.00	\$52.42	\$63.74	\$76.16
						\$107.51	\$135.16	\$163.96

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Modeled Component List
CostWorks Release 2023 Qtr 4

B20 Exterior Enclosure	
Aluminum Siding, 1st floor	6.0 C.S.F.
D30 HVAC	
Recessed Heater, Wall-Mounted	1.0 Ea.
D50 Electrical	
Load Center, 100 A, maintenance & inspection	1.0 Ea.
Circuit Breaker, molded case, 480 V, 1 pole	1.0 Ea.
Fluorescent Lighting Fixture	2.0 Ea.

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Sustainment by Year
CostWorks Release 2023 Qtr 4

