

FAC 7323 GREENHOUSE

FY22 SUC: \$3.04 / SF
Source: Calculated using R.S. Means CostWorks 2021 Qtr 3
component prices

FAC 7323 GREENHOUSE

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM SF
Design Life 35
Average Size 2020.0

SUC \$3.04

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	
Maintenance and inspection explosionproof industrial heater	0.5	1.00 Ea.	\$78.85	\$98.78	70.0000	70	70	\$6,914.93	\$6,914.93	
Maintenance and inspection lighting panel, indoor	3	1.00 Ea.	\$40.64	\$50.92	11.6667	11	11	\$560.14	\$560.14	
Maintenance and repair incandescent lighting fixtures	10	4.00 Ea.	\$275.46	\$327.94	3.5000	3	2	\$983.82	\$655.88	
Replace incandescent lighting fixture lamp	5	4.00 Ea.	\$45.93	\$55.47	7.0000	7	7	\$388.30	\$388.30	
Replace incandescent lighting fixture	20	4.00 Ea.	\$561.84	\$679.06	1.7500	1	1	\$679.06	\$679.06	
Replace fluoerescent light fixture ballast, 80 W	10	12.00 Ea.	\$1,496.02	\$1,814.85	3.5000	3	3	\$5,444.54	\$5,444.54	
Replace lamps (2 lamps), 4', 34 W energy saver	10	12.00 Ea.	\$302.57	\$378.95	3.5000	3	3	\$1,136.84	\$1,136.84	
Replace old valve, non-drain, 2"	10	2.00 Ea.	\$1,657.55	\$1,907.78	3.5000	3	3	\$5,723.35	\$5,723.35	
Replace old valve with new hose bibb	10	4.00 Ea.	\$249.22	\$305.12	3.5000	3	3	\$915.36	\$915.36	
Replace threaded steel pipe and fittings, 1-1/2"	75	520.00 L.F.	\$16,682.82	\$20,490.40	0.4667	0	0	\$0.00	\$0.00	
Minor repairs to concrete floor unfinished	15	165.00 S.F.	\$6,499.09	\$7,882.67	2.3333	2	2	\$15,765.34	\$15,765.34	
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	16.40 S.F.	\$197.75	\$232.41	35.0000	35	35	\$8,134.50	\$8,134.50	
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	254.00 Ea.	\$36,763.12	\$43,842.67	1.7500	1	1	\$43,842.67	\$43,842.67	
Replace glass - 2nd floor (1% of glass) - alum. window fixed	1	11.50 S.F.	\$1,221.23	\$1,507.31	35.0000	35	35	\$52,755.91	\$52,755.91	
Repair 2'-0" x 3'-0" aluminum window - 2nd floor	20	184.00 Ea.	\$35,202.78	\$42,403.88	1.7500	1	1	\$42,403.88	\$42,403.88	
Repair steel, painted, door	14	2.00 Ea.	\$1,250.15	\$1,488.01	2.5000	2	2	\$2,976.02	\$2,976.02	
Refinish 3'-0" x 7'-0" steel, painted, door	4	2.00 Ea.	\$82.80	\$101.73	8.7500	8	8	\$813.86	\$813.86	
Refinish concrete floor finished	25	2.10 C.S.F.	\$885.84	\$1,064.03	1.4000	1	1	\$1,064.03	\$1,064.03	
Maintenance and repair explosionproof industrial heater	2	1.00 Ea.	\$202.69	\$236.84	17.5000	17	17	\$4,026.35	\$4,026.35	
			\$103,696.34	\$124,868.84				MR Subtotal	\$194,200.96	
									MR Per Year	\$5,548.60
									PM Total	\$584.11
									Subtotal	\$6,132.71
									Total Per Unit	\$3.04

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Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Fire dampers, annualized	2.00	2.31	\$18.30	\$139.20	\$0.00	\$157.50	\$201.09	\$245.59
Fan, centrifugal, up to 5,000 CFM, annualized	2.00	2.16	\$71.78	\$108.36	\$0.00	\$180.14	\$219.83	\$263.11
Panelboard, 225 A and above, annualized	1.00	0.44	\$23.20	\$29.01	\$0.00	\$52.21	\$63.23	\$75.41
						\$389.85	\$484.15	\$584.11

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Modeled Component List
CostWorks Release 2021 Qtr 3

D50 Electrical

Load Center, 100 A, maintenance & inspection	1.0 Ea.
Incandescent Lighting Fixtures	4.0 Ea.

D20 Plumbing

Valve, Non-Drain, 2"	2.0 Ea.
Hose Bibb	4.0 Ea.

C30 Interior Finishes

Concrete, Finished	2.1 C.S.F.
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Sustainment by Year
CostWorks Release 2021 Qtr 3

