

FAC 2252 WEAPON PRODUCTION FACILITY

FY24 SUC: \$2.07 / SF
Source: Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 2252 WEAPON PRODUCTION FACILITY

SUC \$2.07

Release 2023 Qtr 4
Zip Code Prefix 222
Type MR

UM SF
Design Life 55
Average Size 1504.0

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
Replace lamp exit light	5	3.00 Ea.	\$49.04	\$58.32	11.0000	11	11	\$641.47	\$641.47
Clean trap sink, iron enamel	3	1.00 Ea.	\$9.01	\$11.27	18.3333	18	18	\$202.93	\$202.93
Replace faucets sink, iron enamel	10	1.00 Ea.	\$195.47	\$235.12	5.5000	5	5	\$1,175.61	\$1,175.61
Unstop sink, iron enamel	2	1.00 Ea.	\$44.01	\$55.09	27.5000	27	27	\$1,487.53	\$1,487.53
Inspect and clean shower head emergency shower station	3	1.00 Ea.	\$51.54	\$64.51	18.3333	18	18	\$1,161.24	\$1,161.24
Inspect and clean spray heads, emergency eye wash	3	1.00 Ea.	\$51.54	\$64.51	18.3333	18	18	\$1,161.24	\$1,161.24
Replace eye wash station, emergency eye wash	25	1.00 Ea.	\$785.91	\$955.55	2.2000	2	2	\$1,911.10	\$1,911.10
Unclog floor drain, PVC	20	1.00 Ea.	\$50.45	\$63.16	2.7500	2	2	\$126.31	\$126.31
Maintenance and inspection lighting panel, indoor	3	1.00 Ea.	\$42.34	\$53.05	18.3333	18	18	\$954.92	\$954.92
Maintenance and repair safety switch general, 2 pole	8	1.00 Ea.	\$42.34	\$53.05	6.8750	6	6	\$318.31	\$318.31
Maintenance and inspection safety switch, 2 pole	1	1.00 Ea.	\$42.34	\$53.05	55.0000	55	55	\$2,917.81	\$2,917.81
Replace safety switch, 240 V, 2 pole	25	1.00 Ea.	\$448.31	\$543.60	2.2000	2	2	\$1,087.20	\$1,087.20
Replace metal halide ballast, 175 W	10	4.00 Ea.	\$667.55	\$799.06	5.5000	5	5	\$3,995.29	\$3,995.29
Replace metal halide fixture lamp, 175 W	5	4.00 Ea.	\$228.39	\$277.97	11.0000	11	11	\$3,057.63	\$3,057.63
Repair smoke detector	10	3.00 Ea.	\$174.03	\$215.50	5.5000	5	4	\$1,077.49	\$861.99
Check operation smoke detector	1	3.00 Ea.	\$51.00	\$63.90	55.0000	55	55	\$3,514.44	\$3,514.44
Replace smoke detector	15	3.00 Ea.	\$907.66	\$1,083.66	3.6667	3	3	\$3,250.97	\$3,250.97
Check and repair manual pull station	10	1.60 Ea.	\$143.81	\$177.19	5.5000	5	4	\$885.97	\$708.78
Replace manual pull station	15	1.60 Ea.	\$334.01	\$402.82	3.6667	3	3	\$1,208.46	\$1,208.46
Replace fire alarm bell, 6"	20	1.60 Ea.	\$288.97	\$351.63	2.7500	2	2	\$703.27	\$703.27
Maintenance and repair of general wiring lightning protection system	1	1.00 M.L.F.	\$109.50	\$134.89	55.0000	55	55	\$7,418.77	\$7,418.77
Replace lightning ground rod	25	1.00 Ea.	\$245.60	\$303.67	2.2000	2	2	\$607.34	\$607.34
Replace lamp emergency lighting fixture	2	3.00 Ea.	\$163.48	\$197.57	27.5000	27	27	\$5,334.26	\$5,334.26
Replace emergency lighting fixture	20	3.00 Ea.	\$1,724.42	\$2,039.62	2.7500	2	2	\$4,079.24	\$4,079.24
Maintenance and repair exit light	20	3.00 Ea.	\$115.47	\$143.01	2.7500	2	2	\$286.02	\$286.02
Repair 12' x 12' steel roll-up door	10	0.80 Ea.	\$560.89	\$666.58	5.5000	5	5	\$3,332.89	\$3,332.89
Refinish 12' x 12' steel roll-up door	5	0.80 Ea.	\$184.29	\$224.76	11.0000	11	11	\$2,472.36	\$2,472.36
Replace 12' x 12' steel roll-up door	35	0.80 Ea.	\$2,243.57	\$2,666.32	1.5714	1	1	\$2,666.32	\$2,666.32
Total EPDM roof replacement	25	15.00 Sq.	\$10,966.25	\$12,950.35	2.2000	2	2	\$25,900.70	\$25,900.70
Repair steel painted interior door	14	0.80 Ea.	\$223.19	\$260.55	3.9286	3	3	\$781.64	\$781.64
Refinish 3'-0" x 7'-0" steel painted interior door	4	0.80 Ea.	\$46.12	\$56.70	13.7500	13	13	\$737.12	\$737.12
Repair solid core wood door, interior	11	1.60 Ea.	\$446.38	\$521.09	5.0000	5	5	\$2,605.46	\$2,605.46
Refinish 3'-0" x 7'-0" solid core wood door, interior	4	1.60 Ea.	\$70.42	\$86.78	13.7500	13	13	\$1,128.15	\$1,128.15
Replace flush valve diaphragm tankless water closet	10	2.00 Ea.	\$54.53	\$67.71	5.5000	5	5	\$338.56	\$338.56

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost	
Rebuild flush valve tankless water closet	20	2.00 Ea.	\$383.76	\$462.54	2.7500	2	2	\$925.08	\$925.08	
Unplug clogged line tankless water closet	5	2.00 Ea.	\$459.86	\$575.66	11.0000	11	11	\$6,332.30	\$6,332.30	
Replace tankless flush valve	25	2.00 Ea.	\$540.49	\$634.44	2.2000	2	2	\$1,268.87	\$1,268.87	
Replace wax ring gasket for tankless water closet	5	2.00 Ea.	\$298.33	\$373.11	11.0000	11	11	\$4,104.18	\$4,104.18	
Replace flush valve diaphragm for a urinal	7	1.00 Ea.	\$27.26	\$33.86	7.8571	7	7	\$236.99	\$236.99	
Rebuild flush valve for a urinal	20	1.00 Ea.	\$191.88	\$231.27	2.7500	2	2	\$462.54	\$462.54	
Unplug line urinal	5	1.00 Ea.	\$152.64	\$191.08	11.0000	11	11	\$2,101.90	\$2,101.90	
Replace washer in spud connection lavatory, vitreous china	7	2.00 Ea.	\$34.64	\$42.28	7.8571	7	7	\$295.97	\$295.97	
Replace washer in faucet lavatory, vitreous china	2	2.00 Ea.	\$27.13	\$33.83	27.5000	27	27	\$913.53	\$913.53	
Replace faucets lavatory, vitreous china	10	2.00 Ea.	\$390.94	\$470.24	5.5000	5	5	\$2,351.21	\$2,351.21	
Clean out strainer and P trap lavatory, vitreous china	2	2.00 Ea.	\$73.64	\$92.18	27.5000	27	27	\$2,488.90	\$2,488.90	
Replace faucet washer sink, iron enamel	2	1.00 Ea.	\$13.45	\$16.77	27.5000	27	27	\$452.77	\$452.77	
			\$24,355.88	\$29,058.87				MR Subtotal	\$110,069.58	
									MR Per Year	\$2,001.27
									PM Total	\$1,108.48
									Subtotal	\$3,109.75
									Total Per Unit	\$2.07

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SUC \$2.07

Release 2023 Qtr 4

UM SF

Zip Code Prefix 222

Design Life 55

Type PM

Average Size 1504.0

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
Door, overhead, electric, roll up, to 24' high x 25' wide, annualized	1.00	4.07	\$43.08	\$179.97	\$0.00	\$223.04	\$281.34	\$341.79
Urinals, annualized	1.00	0.23	\$6.63	\$12.16	\$0.00	\$18.79	\$23.11	\$27.75
Toilet (vacuum breaker type), annualized	2.00	0.35	\$17.71	\$18.92	\$0.00	\$36.63	\$44.08	\$52.41
Lavatories, annualized	2.00	0.70	\$15.58	\$43.60	\$0.00	\$59.18	\$73.82	\$89.24
Drink fountain, annualized	1.00	0.62	\$37.44	\$33.14	\$0.00	\$70.58	\$84.27	\$99.82
Extinguishing system, foam bottle, annualized	1.00	3.71	\$20.75	\$197.94	\$0.00	\$218.69	\$280.15	\$342.64
Panelboard, 225 A and above, annualized	1.00	0.44	\$22.00	\$30.41	\$0.00	\$52.42	\$63.74	\$76.16
						\$735.83	\$917.24	\$1,108.48

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Modeled Component List

CostWorks Release 2023 Qtr 4

D20 Plumbing

Emergency Eye Wash	1.0 Ea.
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D50 Electrical

Load Center, 100 A, maintenance & inspection	1.0 Ea.
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Safety Switch, General Duty, 240 V, 2 pole	1.0 Ea.
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Smoke Detector	3.0 Ea.
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Manual Pull Station	1.6 Ea.
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Fire Alarm Bell	1.6 Ea.
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Lightning Ground Rod	1.0 Ea.
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Emergency Lighting Fixture	3.0 Ea.
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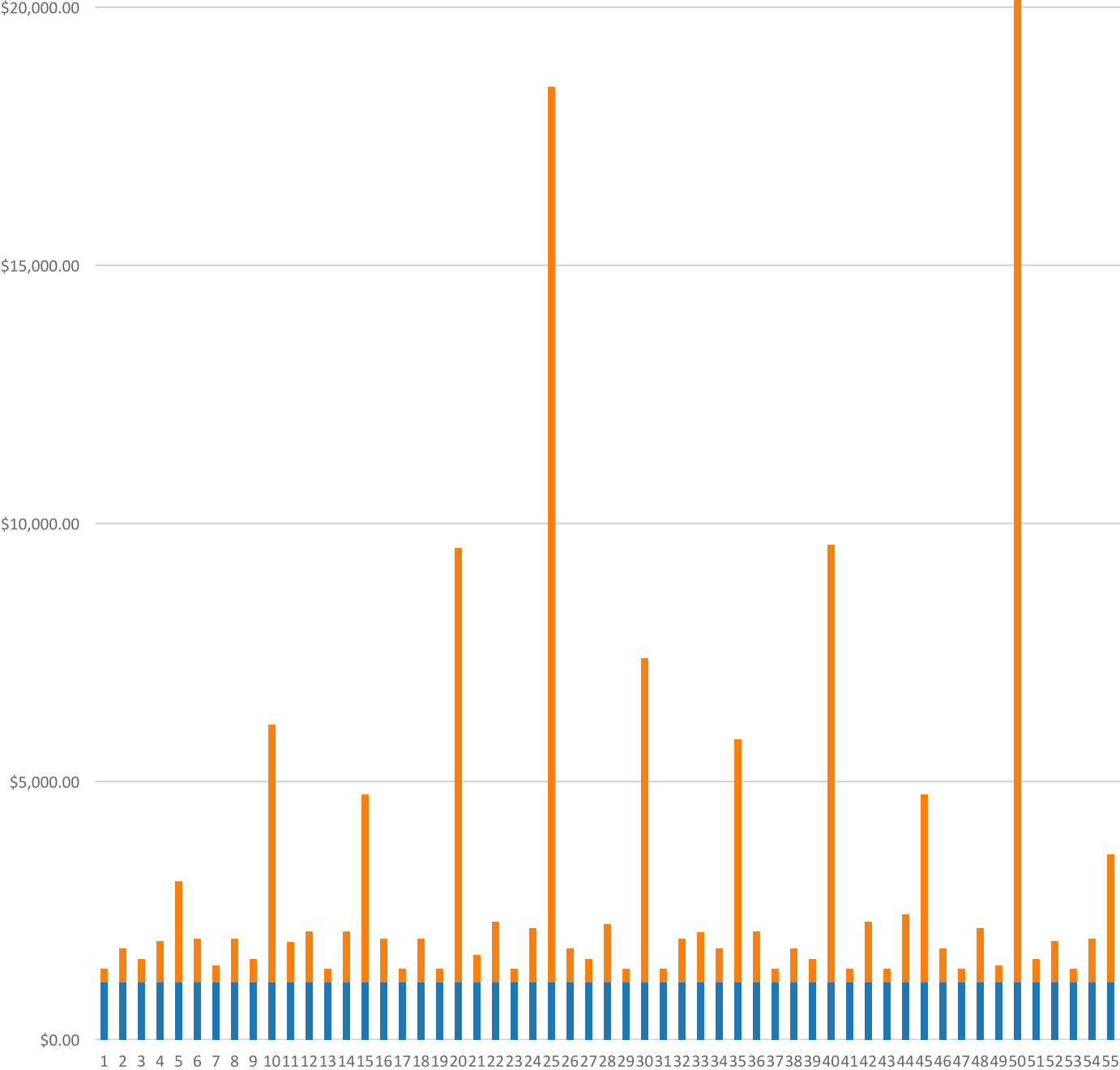
B20 Exterior Enclosure

Steel Single, Roll-Up	0.8 Ea.
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B30 Roofing

EPDM Roof	15.0 Sq.
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FAC 2252 WEAPON PRODUCTION FACILITY
Sustainment by Year
CostWorks Release 2023 Qtr 4



PM Cost
MR Cost