

FAC 2252 WEAPON PRODUCTION FACILITY

FY22 SUC:	\$1.92 / SF
Source:	Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 2252 WEAPON PRODUCTION FACILITY

SUC \$1.92

Release 2021 Qtr 3
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.	\$50.54	\$59.89	11.0000	11	11	\$658.79	\$658.79
Clean trap sink, iron enamel	3	1.00 Ea.	\$8.57	\$10.72	18.3333	18	18	\$192.93	\$192.93
Replace faucets sink, iron enamel	10	1.00 Ea.	\$181.73	\$218.76	5.5000	5	5	\$1,093.78	\$1,093.78
Unstop sink, iron enamel	2	1.00 Ea.	\$41.82	\$52.30	27.5000	27	27	\$1,412.16	\$1,412.16
Inspect and clean shower head emergency shower station	3	1.00 Ea.	\$49.39	\$61.77	18.3333	18	18	\$1,111.88	\$1,111.88
Inspect and clean spray heads, emergency eye wash	3	1.00 Ea.	\$49.39	\$61.77	18.3333	18	18	\$1,111.88	\$1,111.88
Replace eye wash station, emergency eye wash	25	1.00 Ea.	\$1,114.34	\$1,325.00	2.2000	2	2	\$2,649.99	\$2,649.99
Unclog floor drain, PVC	20	1.00 Ea.	\$47.80	\$59.77	2.7500	2	2	\$119.55	\$119.55
Maintenance and inspection lighting panel, indoor	3	1.00 Ea.	\$40.64	\$50.92	18.3333	18	18	\$916.59	\$916.59
Maintenance and repair safety switch general, 2 pole	8	1.00 Ea.	\$40.64	\$50.92	6.8750	6	6	\$305.53	\$305.53
Maintenance and inspection safety switch, 2 pole	1	1.00 Ea.	\$40.64	\$50.92	55.0000	55	55	\$2,800.68	\$2,800.68
Replace safety switch, 240 V, 2 pole	25	1.00 Ea.	\$391.60	\$477.36	2.2000	2	2	\$954.72	\$954.72
Replace metal halide ballast, 175 W	10	4.00 Ea.	\$593.94	\$713.20	5.5000	5	5	\$3,566.02	\$3,566.02
Replace metal halide fixture lamp, 175 W	5	4.00 Ea.	\$199.95	\$244.61	11.0000	11	11	\$2,690.76	\$2,690.76
Repair smoke detector	10	3.00 Ea.	\$169.16	\$209.14	5.5000	5	4	\$1,045.71	\$836.57
Check operation smoke detector	1	3.00 Ea.	\$48.58	\$60.87	55.0000	55	55	\$3,347.69	\$3,347.69
Replace smoke detector	15	3.00 Ea.	\$852.71	\$1,018.39	3.6667	3	3	\$3,055.16	\$3,055.16
Check and repair manual pull station	10	1.60 Ea.	\$140.31	\$172.53	5.5000	5	4	\$862.64	\$690.11
Replace manual pull station	15	1.60 Ea.	\$325.55	\$391.91	3.6667	3	3	\$1,175.72	\$1,175.72
Replace fire alarm bell, 6"	20	1.60 Ea.	\$311.94	\$376.44	2.7500	2	2	\$752.88	\$752.88
Maintenance and repair of general wiring lightning protection system	1	1.00 M.L.F.	\$96.72	\$119.83	55.0000	55	55	\$6,590.46	\$6,590.46
Replace lightning ground rod	25	1.00 Ea.	\$226.09	\$280.29	2.2000	2	2	\$560.58	\$560.58
Replace lamp emergency lighting fixture	2	3.00 Ea.	\$164.07	\$197.63	27.5000	27	27	\$5,335.93	\$5,335.93
Replace emergency lighting fixture	20	3.00 Ea.	\$1,807.10	\$2,129.28	2.7500	2	2	\$4,258.57	\$4,258.57
Maintenance and repair exit light	20	3.00 Ea.	\$111.60	\$138.01	2.7500	2	2	\$276.02	\$276.02
Repair 12' x 12' steel roll-up door	10	0.80 Ea.	\$540.72	\$641.77	5.5000	5	5	\$3,208.87	\$3,208.87
Refinish 12' x 12' steel roll-up door	5	0.80 Ea.	\$162.76	\$199.35	11.0000	11	11	\$2,192.86	\$2,192.86
Replace 12' x 12' steel roll-up door	35	0.80 Ea.	\$2,162.87	\$2,567.09	1.5714	1	1	\$2,567.09	\$2,567.09
Total EPDM roof replacement	25	15.00 Sq.	\$9,066.83	\$10,754.91	2.2000	2	2	\$21,509.83	\$21,509.83
Repair steel painted interior door	14	0.80 Ea.	\$234.76	\$273.25	3.9286	3	3	\$819.75	\$819.75
Refinish 3'-0" x 7'-0" steel painted interior door	4	0.80 Ea.	\$42.07	\$51.83	13.7500	13	13	\$673.78	\$673.78
Repair solid core wood door, interior	11	1.60 Ea.	\$469.52	\$546.50	5.0000	5	5	\$2,732.51	\$2,732.51
Refinish 3'-0" x 7'-0" solid core wood door, interior	4	1.60 Ea.	\$69.38	\$85.20	13.7500	13	13	\$1,107.59	\$1,107.59
Replace flush valve diaphragm tankless water closet	10	2.00 Ea.	\$52.44	\$65.07	5.5000	5	5	\$325.36	\$325.36

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.	\$360.87	\$434.91	2.7500	2	2	\$869.83	\$869.83	
Unplug clogged line tankless water closet	5	2.00 Ea.	\$436.79	\$546.25	11.0000	11	11	\$6,008.79	\$6,008.79	
Replace tankless flush valve	25	2.00 Ea.	\$504.43	\$592.22	2.2000	2	2	\$1,184.44	\$1,184.44	
Replace wax ring gasket for tankless water closet	5	2.00 Ea.	\$283.04	\$353.65	11.0000	11	11	\$3,890.18	\$3,890.18	
Replace flush valve diaphragm for a urinal	7	1.00 Ea.	\$26.22	\$32.54	7.8571	7	7	\$227.75	\$227.75	
Rebuild flush valve for a urinal	20	1.00 Ea.	\$180.43	\$217.46	2.7500	2	2	\$434.91	\$434.91	
Unplug line urinal	5	1.00 Ea.	\$145.07	\$181.43	11.0000	11	11	\$1,995.71	\$1,995.71	
Replace washer in spud connection lavatory, vitreous china	7	2.00 Ea.	\$32.93	\$40.16	7.8571	7	7	\$281.12	\$281.12	
Replace washer in faucet lavatory, vitreous china	2	2.00 Ea.	\$25.77	\$32.10	27.5000	27	27	\$866.80	\$866.80	
Replace faucets lavatory, vitreous china	10	2.00 Ea.	\$363.45	\$437.51	5.5000	5	5	\$2,187.55	\$2,187.55	
Clean out strainer and P trap lavatory, vitreous china	2	2.00 Ea.	\$69.74	\$87.22	27.5000	27	27	\$2,354.83	\$2,354.83	
Replace faucet washer sink, iron enamel	2	1.00 Ea.	\$12.78	\$15.92	27.5000	27	27	\$429.73	\$429.73	
			\$22,347.71	\$26,688.58				MR Subtotal	\$102,334.24	
									MR Per Year	\$1,860.62
									PM Total	\$1,022.08
									Subtotal	\$2,882.70
									Total Per Unit	\$1.92

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SUC \$1.92

Release 2021 Qtr 3

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	\$29.18	\$21.50	\$0.00	\$50.68	\$60.05	\$70.88
Door, overhead, electric, roll up, to 24' high x 25' wide, annualized	1.00	4.07	\$40.96	\$168.81	\$0.00	\$209.77	\$264.51	\$321.30
Urinals, annualized	1.00	0.23	\$6.32	\$11.45	\$0.00	\$17.77	\$21.84	\$26.22
Toilet (vacuum breaker type), annualized	2.00	0.35	\$16.88	\$17.80	\$0.00	\$34.68	\$41.71	\$49.58
Lavatories, annualized	2.00	0.70	\$11.93	\$41.41	\$0.00	\$53.34	\$66.95	\$81.16
Drink fountain, annualized	1.00	0.62	\$20.73	\$31.28	\$0.00	\$52.00	\$63.46	\$75.95
Extinguishing system, foam bottle, annualized	1.00	3.71	\$18.20	\$186.77	\$0.00	\$204.97	\$262.82	\$321.58
Panelboard, 225 A and above, annualized	1.00	0.44	\$23.20	\$29.01	\$0.00	\$52.21	\$63.23	\$75.41
						\$675.42	\$844.56	\$1,022.08

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Modeled Component List

CostWorks Release 2021 Qtr 3

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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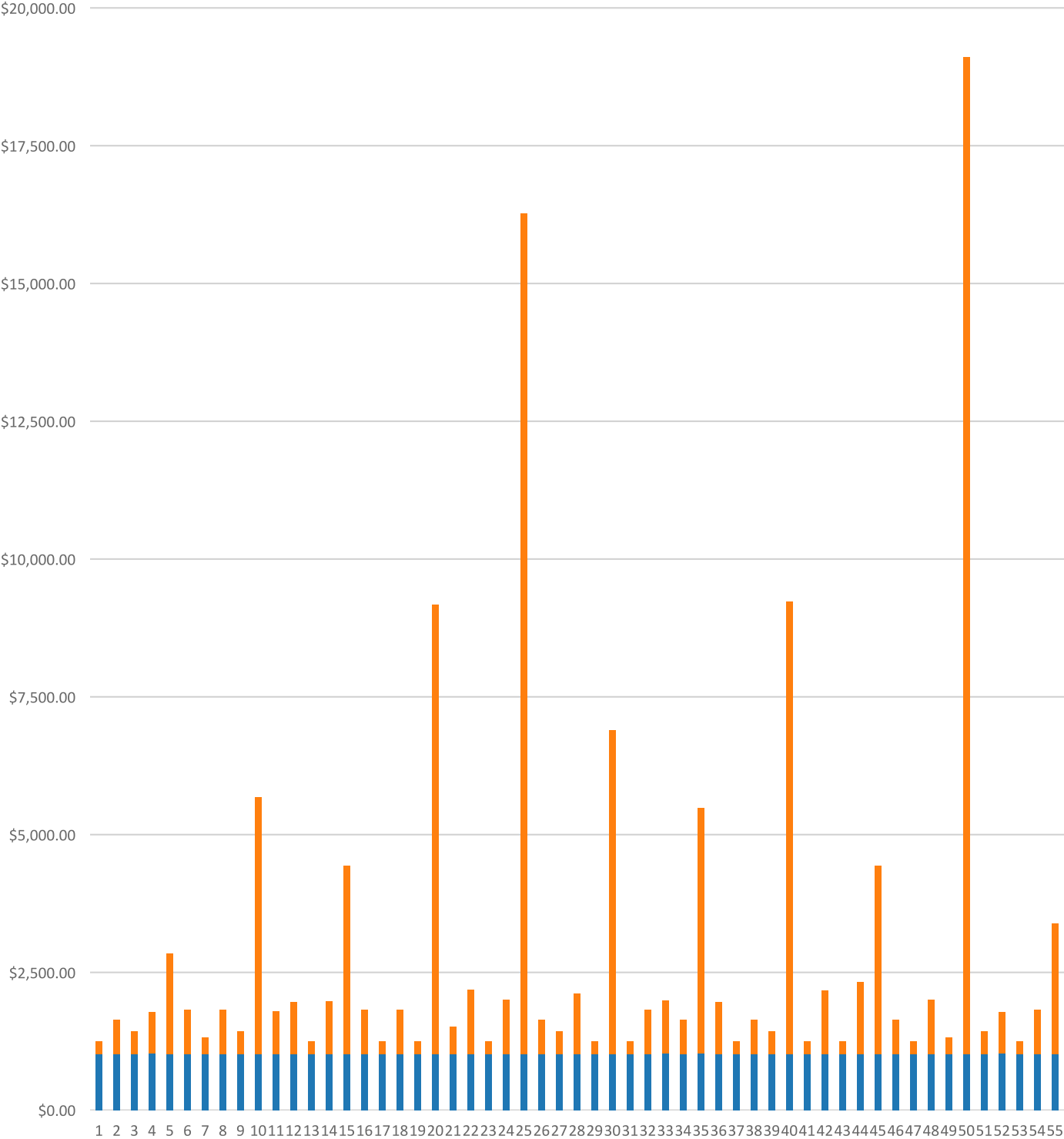
B20 Exterior Enclosure

Steel Single, Roll-Up	0.8 Ea.
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B30 Roofing

EPDM Roof	15.0 Sq.
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Sustainment by Year
CostWorks Release 2021 Qtr 3



PM Cost
MR Cost