

FAC 3161 AMMUNITION, EXPLOSIVE, AND TOXIC RDTE FACILITY

FY24 SUC:	\$11.10 / SF
Source:	Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 3161 AMMUNITION, EXPLOSIVE, AND TOXIC RDTE FACILITY

SUC \$11.10

Release 2023 Qtr 4

UM SF

Zip Code Prefix 222

Design Life 55

Type MR

Average Size 3481.30148

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 faucets sink, laboratory	10	2.00 Ea.	\$390.94	\$470.24	5.5000	5	5	\$2,351.21	\$2,351.21
Replace sink and fittings, polyethylene lab.	15	2.00 Ea.	\$4,785.95	\$5,579.88	3.6667	3	3	\$16,739.63	\$16,739.63
Check / minor repairs drinking fountain	1	2.00 Ea.	\$103.05	\$129.00	55.0000	55	55	\$7,095.01	\$7,095.01
Correct water pressure drinking fountain	2	2.00 Ea.	\$88.02	\$110.19	27.5000	27	27	\$2,975.07	\$2,975.07
Replace refrigerant drinking fountain	2	2.00 Ea.	\$70.81	\$82.86	27.5000	27	27	\$2,237.20	\$2,237.20
Repair drain leak drinking fountain	4	2.00 Ea.	\$58.19	\$70.38	13.7500	13	13	\$914.92	\$914.92
Inspect and clean shower head emergency shower station	3	2.00 Ea.	\$103.07	\$129.03	18.3333	18	18	\$2,322.49	\$2,322.49
Replace shower emergency shower station	25	2.00 Ea.	\$2,106.16	\$2,518.30	2.2000	2	2	\$5,036.60	\$5,036.60
Inspect and clean spray heads, emergency eye wash	3	2.00 Ea.	\$103.07	\$129.03	18.3333	18	18	\$2,322.49	\$2,322.49
Replace eye wash station, emergency eye wash	25	2.00 Ea.	\$1,571.83	\$1,911.10	2.2000	2	2	\$3,822.20	\$3,822.20
Clean out strainer and P trap lavatory, vitreous china	2	4.00 Ea.	\$147.27	\$184.36	27.5000	27	27	\$4,977.79	\$4,977.79
Replace faucet washer sink, iron enamel	2	2.00 Ea.	\$26.90	\$33.54	27.5000	27	27	\$905.55	\$905.55
Clean trap sink, iron enamel	3	2.00 Ea.	\$18.01	\$22.55	18.3333	18	18	\$405.87	\$405.87
Replace faucets sink, iron enamel	10	2.00 Ea.	\$390.94	\$470.24	5.5000	5	5	\$2,351.21	\$2,351.21
Unstop sink, iron enamel	2	2.00 Ea.	\$88.02	\$110.19	27.5000	27	27	\$2,975.07	\$2,975.07
Replace sink, P.E.C.I. sink, iron enamel kitchen	35	2.00 Ea.	\$2,416.86	\$2,818.55	1.5714	1	1	\$2,818.55	\$2,818.55
Replace faucet washer sink, laboratory	2	2.00 Ea.	\$26.90	\$33.54	27.5000	27	27	\$905.55	\$905.55
Replace pipe and fittings, copper 3/4"	20	136.00 L.F.	\$3,399.61	\$4,120.25	2.7500	2	2	\$8,240.50	\$8,240.50
Replace threaded steel pipe and fittings, 3/4"	75	28.00 L.F.	\$690.12	\$838.54	0.7333	0	0	\$0.00	\$0.00
Overhaul water heater, gas / oil, 70 gallon	5	1.00 Ea.	\$172.87	\$216.40	11.0000	11	11	\$2,380.38	\$2,380.38
Clean & service water heater, gas / oil, 70 gallon	1	1.00 Ea.	\$206.10	\$258.00	55.0000	55	55	\$14,190.02	\$14,190.02
Replace water heater, gas / oil, 70 gallon	12	1.00 Ea.	\$3,214.32	\$3,737.78	4.5833	4	4	\$14,951.13	\$14,951.13
Unclog main drain pipe & fittings, cast iron	10	4.00 Ea.	\$195.36	\$244.56	5.5000	5	5	\$1,222.81	\$1,222.81
Unclog floor drain, PVC	20	4.00 Ea.	\$201.81	\$252.63	2.7500	2	2	\$505.25	\$505.25
Replace pipe, 4" pipe and fittings, PVC	30	26.00 L.F.	\$2,156.51	\$2,661.81	1.8333	1	1	\$2,661.81	\$2,661.81
Clean out bucket floor drain with bucket	5	1.00 Ea.	\$309.15	\$387.00	11.0000	11	11	\$4,257.01	\$4,257.01
General maintenance & repair drain: roof, scupper, area	1	4.00 Ea.	\$156.72	\$196.19	55.0000	55	55	\$10,790.33	\$10,790.33
Replace drain: roof, scupper, area	40	4.00 Ea.	\$4,521.49	\$5,215.40	1.3750	1	1	\$5,215.40	\$5,215.40
Replace 10' of buried 4" diam steel pipe/M.L.F. natural gas	12	1.00 Ea.	\$917.35	\$1,119.74	4.5833	4	4	\$4,478.96	\$4,478.96

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Repair fan, induced draft, 2000 CFM	10	1.00 Ea.	\$319.19	\$389.67	5.5000	5	5	\$1,948.36	\$1,948.36
Replace fan, induced draft, 2000 CFM	20	1.00 Ea.	\$5,271.12	\$6,063.01	2.7500	2	2	\$12,126.03	\$12,126.03
Replace axial flow fan, 6400 CFM exhaust fan	10	1.00 Ea.	\$3,248.90	\$3,801.21	5.5000	5	5	\$19,006.05	\$19,006.05
Maintenance and repair explosionproof industrial heater	2	3.00 Ea.	\$637.10	\$744.51	27.5000	27	27	\$20,101.74	\$20,101.74
Maintenance and inspection explosionproof industrial heater	0.5	3.00 Ea.	\$246.96	\$309.40	110.0000	110	110	\$34,033.95	\$34,033.95
Repair computer room air conditioner, air cooled, 5 ton	10	1.00 Ea.	\$4,723.13	\$5,617.03	5.5000	5	5	\$28,085.15	\$28,085.15
Replace computer room air conditioner, air cooled, 5 ton	20	1.00 Ea.	\$40,509.91	\$46,431.23	2.7500	2	2	\$92,862.45	\$92,862.45
Repair single zone variable volume, 20 ton	10	1.00 Ea.	\$36,252.18	\$41,814.13	5.5000	5	5	\$209,070.66	\$209,070.66
Rebuild 4" diameter reduced pressure backflow preventer	10	2.00 Ea.	\$1,842.34	\$2,145.63	5.5000	5	5	\$10,728.13	\$10,728.13
Inspect sprinkler system	1	1.00 Ea.	\$36.17	\$45.28	55.0000	55	55	\$2,490.64	\$2,490.64
Replace sprinkler head	20	60.00 Ea.	\$5,258.87	\$6,489.11	2.7500	2	2	\$12,978.23	\$12,978.23
Rebuild double check 3" backflow preventer sprinkler system	1	1.00 Ea.	\$748.17	\$896.73	55.0000	55	55	\$49,320.09	\$49,320.09
Replace fire pump / electric motor assembly 100 H.P.	25	1.00 Ea.	\$48,011.97	\$55,351.32	2.2000	2	2	\$110,702.65	\$110,702.65
Repair 15 KV primary transformer, dry	15	1.00 Ea.	\$235.84	\$287.87	3.6667	3	3	\$863.62	\$863.62
Maintenance and inspection primary transformer, dry	0.5	1.00 Ea.	\$42.34	\$53.05	110.0000	110	110	\$5,835.62	\$5,835.62
Maintenance and inspection lighting panel, indoor	3	2.00 Ea.	\$84.69	\$106.10	18.3333	18	18	\$1,909.84	\$1,909.84
Replace load center, 100 A	20	2.00 Ea.	\$2,362.06	\$2,881.07	2.7500	2	2	\$5,762.14	\$5,762.14
Maintenance and repair breaker, molded case, 480 V, 1 pole	20	6.00 Ea.	\$455.04	\$570.10	2.7500	2	2	\$1,140.20	\$1,140.20
Maintenance and repair breaker, enclosed, 240 V, 1 pole	25	24.00 Ea.	\$1,820.17	\$2,280.41	2.2000	2	2	\$4,560.81	\$4,560.81
Maintenance and repair breaker, enclosed, 240 V, 2 pole	25	24.00 Ea.	\$1,820.17	\$2,280.41	2.2000	2	2	\$4,560.81	\$4,560.81
Maintenance and repair safety switch general, 2 pole	8	6.00 Ea.	\$254.07	\$318.31	6.8750	6	6	\$1,909.84	\$1,909.84
Maintenance and inspection safety switch, 2 pole	1	6.00 Ea.	\$254.07	\$318.31	55.0000	55	55	\$17,506.87	\$17,506.87
Replace 4-pin receptacle	20	46.00 Ea.	\$7,034.61	\$8,366.06	2.7500	2	2	\$16,732.13	\$16,732.13
Maintenance and repair contactors and relays	3	8.00 Ea.	\$2,090.76	\$2,582.60	18.3333	18	18	\$46,486.74	\$46,486.74
Replace wiring devices, switches	15	12.00 Ea.	\$800.17	\$996.08	3.6667	3	3	\$2,988.25	\$2,988.25
Replace fluorescent light fixture ballast, 80 W	10	24.00 Ea.	\$2,510.55	\$3,095.78	5.5000	5	5	\$15,478.90	\$15,478.90
Replace lamps (2 lamps), 4', 34 W energy saver	10	24.00 Ea.	\$635.66	\$796.05	5.5000	5	5	\$3,980.27	\$3,980.27
Maintenance and repair TV cable outlet	10	2.00 Ea.	\$108.65	\$135.68	5.5000	5	5	\$678.42	\$678.42
Repair smoke detector	10	8.00 Ea.	\$464.08	\$574.66	5.5000	5	4	\$2,873.30	\$2,298.64
Check operation smoke detector	1	8.00 Ea.	\$136.01	\$170.40	55.0000	55	55	\$9,371.84	\$9,371.84
Replace smoke detector	15	8.00 Ea.	\$2,420.42	\$2,889.75	3.6667	3	3	\$8,669.24	\$8,669.24
Repair heat detector	10	4.00 Ea.	\$250.41	\$308.21	5.5000	5	5	\$1,541.04	\$1,541.04
Check and repair manual pull station	10	4.00 Ea.	\$359.53	\$442.99	5.5000	5	4	\$2,214.94	\$1,771.95

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Replace manual pull station	15	4.00 Ea.	\$835.03	\$1,007.05	3.6667	3	3	\$3,021.15	\$3,021.15
Minor repairs to fire alarm control panel	5	1.00 Ea.	\$149.42	\$182.60	11.0000	11	11	\$2,008.55	\$2,008.55
Maintenance and inspection fire alarm control panel	0.5	1.00 Ea.	\$45.50	\$57.01	110.0000	110	110	\$6,271.12	\$6,271.12
Replace fire alarm control panel	15	1.00 Ea.	\$2,196.12	\$2,675.47	3.6667	3	3	\$8,026.42	\$8,026.42
Replace fire alarm bell, 6"	20	4.00 Ea.	\$722.42	\$879.09	2.7500	2	2	\$1,758.17	\$1,758.17
Maintenance and repair building structure ground	7	1.10 M.L.F.	\$101.51	\$126.85	7.8571	7	7	\$887.98	\$887.98
Replace building structure ground	50	1.10 M.L.F.	\$5,925.29	\$7,184.21	1.1000	1	1	\$7,184.21	\$7,184.21
Maintenance and repair of general wiring lightning protection system	1	1.10 M.L.F.	\$120.45	\$148.38	55.0000	55	55	\$8,160.65	\$8,160.65
Replace lightning ground rod	25	4.00 Ea.	\$982.42	\$1,214.69	2.2000	2	2	\$2,429.37	\$2,429.37
Maintenance and repair computer ground system	4	1.00 Ea.	\$22.69	\$28.43	13.7500	13	13	\$369.54	\$369.54
Replace computer ground system	50	0.80 M.L.F.	\$1,940.44	\$2,338.51	1.1000	1	1	\$2,338.51	\$2,338.51
Maintenance and inspection generator, diesel, 750 KW	0.08	1.00 Ea.	\$68.26	\$85.52	687.5000	687	687	\$58,748.99	\$58,748.99
Replace lamp emergency lighting fixture	2	6.00 Ea.	\$326.96	\$395.13	27.5000	27	27	\$10,668.52	\$10,668.52
Replace emergency lighting fixture	20	6.00 Ea.	\$3,448.83	\$4,079.24	2.7500	2	2	\$8,158.48	\$8,158.48
Maintenance and repair exit light	20	6.00 Ea.	\$230.94	\$286.02	2.7500	2	2	\$572.05	\$572.05
Replace lamp exit light	5	6.00 Ea.	\$98.08	\$116.63	11.0000	11	11	\$1,282.95	\$1,282.95
Maintenance and repair voice/data outlet	10	4.00 Ea.	\$217.29	\$271.37	5.5000	5	5	\$1,356.83	\$1,356.83
Remove and replace hydraulic dock leveler lift cylinder	15	1.00 Ea.	\$7,980.83	\$9,088.67	3.6667	3	3	\$27,266.00	\$27,266.00
Remove and replace hydraulic dock leveler hydraulic pump	20	1.00 Ea.	\$2,116.95	\$2,420.62	2.7500	2	2	\$4,841.23	\$4,841.23
Remove and replace 20" dia dust collector bag	5	1.00 Ea.	\$1,472.51	\$1,682.24	11.0000	11	11	\$18,504.60	\$18,504.60
Refinish concrete steps	3	32.00 S.F.	\$52.05	\$64.22	18.3333	18	18	\$1,155.90	\$1,155.90
Refinish metal hand rail	7	12.00 L.F.	\$24.56	\$30.29	7.8571	7	7	\$212.04	\$212.04
Repair clay brick wall, 1st floor	25	60.00 S.F.	\$2,714.95	\$3,337.11	2.2000	2	2	\$6,674.21	\$6,674.21
Point clay brick wall, 1st floor	25	22.00 C.S.F.	\$18,788.91	\$23,230.71	2.2000	2	2	\$46,461.42	\$46,461.42
Waterproof clay brick wall, 1st floor	10	30.00 C.S.F.	\$7,754.29	\$9,198.35	5.5000	5	5	\$45,991.73	\$45,991.73
Refinish steel louver, 1st floor	5	2.00 Ea.	\$211.56	\$262.03	11.0000	11	11	\$2,882.28	\$2,882.28
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	5.20 S.F.	\$68.38	\$80.29	55.0000	55	55	\$4,415.98	\$4,415.98
Replace insulating glass - (3% of glass) aluminum storefront door	1	1.20 S.F.	\$66.70	\$78.00	55.0000	55	55	\$4,290.23	\$4,290.23
Repair steel, painted, door	14	3.00 Ea.	\$2,107.00	\$2,502.58	3.9286	3	3	\$7,507.73	\$7,507.73
Replace 3'-0" x 7'-0" steel, painted, door	45	3.00 Ea.	\$2,751.33	\$3,185.78	1.2222	1	1	\$3,185.78	\$3,185.78
Replace tempered glass - (3% of glass) steel painted door	1	1.89 S.F.	\$59.98	\$70.81	55.0000	55	55	\$3,894.35	\$3,894.35
Repair 12' x 12' steel roll-up door	10	2.00 Ea.	\$1,402.23	\$1,666.45	5.5000	5	5	\$8,332.24	\$8,332.24
Replace 12' x 12' steel roll-up door	35	2.00 Ea.	\$5,608.93	\$6,665.79	1.5714	1	1	\$6,665.79	\$6,665.79
Minor BUR membrane repairs, 2% of roof area	1	0.76 Sq.	\$404.33	\$479.41	55.0000	55	55	\$26,367.50	\$26,367.50
BUR flashing repairs, 2 S.F. per sq. repaired	1	0.76 S.F.	\$2.88	\$3.50	55.0000	55	55	\$192.26	\$192.26

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost	
Minor BUR membrane replacement, 25% of roof area	15	9.50 Sq.	\$8,693.22	\$10,294.96	3.6667	3	3	\$30,884.89	\$30,884.89	
Total BUR roof replacement	28	38.00 Sq.	\$33,257.62	\$39,266.48	1.9643	1	1	\$39,266.48	\$39,266.48	
Replace Roof edges, aluminum, duranodic, .050" thick, 6" face	25	248.00 L.F.	\$11,763.85	\$13,701.96	2.2000	2	2	\$27,403.91	\$27,403.91	
Replace aluminum gutter, enameled, 5" K type, .027 " thick	40	248.00 L.F.	\$2,559.48	\$3,092.06	1.3750	1	1	\$3,092.06	\$3,092.06	
Replace aluminum downspout, 3" x 4", .024" thick	25	48.00 L.F.	\$425.20	\$513.52	2.2000	2	2	\$1,027.05	\$1,027.05	
Repair steel painted interior door	14	3.00 Ea.	\$836.97	\$977.05	3.9286	3	3	\$2,931.14	\$2,931.14	
Refinish 3'-0" x 7'-0" steel painted interior door	4	3.00 Ea.	\$172.95	\$212.63	13.7500	13	13	\$2,764.21	\$2,764.21	
Replace 3'-0" x 7'-0" steel painted interior door	60	3.00 Ea.	\$3,838.64	\$4,451.75	0.9167	0	0	\$0.00	\$0.00	
Safety glass replacement, (3% of glass) steel painted interior door	1	1.89 S.F.	\$47.15	\$55.58	55.0000	55	55	\$3,056.99	\$3,056.99	
Repair solid core wood door, interior	11	5.00 Ea.	\$1,394.94	\$1,628.41	5.0000	5	5	\$8,142.05	\$8,142.05	
Refinish 3'-0" x 7'-0" solid core wood door, interior	4	5.00 Ea.	\$220.07	\$271.19	13.7500	13	12	\$3,525.46	\$3,254.27	
Replace 3'-0" x 7'-0" solid core wood door, interior	40	5.00 Ea.	\$2,832.75	\$3,270.49	1.3750	1	1	\$3,270.49	\$3,270.49	
Replace brass lockset interior	30	8.00 Ea.	\$2,110.51	\$2,461.87	1.8333	1	1	\$2,461.87	\$2,461.87	
Repair 5/8" drywall - (2% of walls)	20	25.60 S.F.	\$42.78	\$52.27	2.7500	2	2	\$104.55	\$104.55	
Refinish drywall	4	1,280.00 S.F.	\$867.38	\$1,065.57	13.7500	13	13	\$13,852.45	\$13,852.45	
Repair 4" x 4" thin set ceramic tile - (2% of walls)	10	6.50 C.S.F.	\$5,231.98	\$6,335.26	5.5000	5	5	\$31,676.28	\$31,676.28	
Refinish concrete floor finished	25	26.60 C.S.F.	\$11,080.96	\$13,369.66	2.2000	2	2	\$26,739.31	\$26,739.31	
Replace vinyl sheet flooring	18	68.20 S.Y.	\$5,907.06	\$7,115.40	3.0556	3	3	\$21,346.20	\$21,346.20	
Replace rubber tile floor	18	22.40 S.Y.	\$2,238.01	\$2,746.09	3.0556	3	3	\$8,238.27	\$8,238.27	
Replace acoustic tile ceiling, fire-rated	20	9.00 C.S.F.	\$4,688.35	\$5,541.28	2.7500	2	2	\$11,082.55	\$11,082.55	
Replace flush valve diaphragm tankless water closet	10	4.00 Ea.	\$109.06	\$135.42	5.5000	5	5	\$677.12	\$677.12	
Rebuild flush valve tankless water closet	20	4.00 Ea.	\$767.52	\$925.08	2.7500	2	2	\$1,850.15	\$1,850.15	
Unplug clogged line tankless water closet	5	4.00 Ea.	\$919.72	\$1,151.33	11.0000	11	11	\$12,664.59	\$12,664.59	
Replace flush valve diaphragm for a urinal	7	2.00 Ea.	\$54.53	\$67.71	7.8571	7	7	\$473.98	\$473.98	
Rebuild flush valve for a urinal	20	2.00 Ea.	\$383.76	\$462.54	2.7500	2	2	\$925.08	\$925.08	
Unplug line urinal	5	2.00 Ea.	\$305.28	\$382.16	11.0000	11	11	\$4,203.79	\$4,203.79	
Replace washer in spud connection lavatory, vitreous china	7	4.00 Ea.	\$69.29	\$84.56	7.8571	7	7	\$591.94	\$591.94	
Replace washer in faucet lavatory, vitreous china	2	4.00 Ea.	\$54.27	\$67.67	27.5000	27	27	\$1,827.06	\$1,827.06	
Replace faucets lavatory, vitreous china	10	4.00 Ea.	\$781.89	\$940.49	5.5000	5	5	\$4,702.43	\$4,702.43	
			\$372,557.92	\$439,366.87				MR Subtotal	\$1,498,147.29	
									MR Per Year	\$27,239.04
									PM Total	\$11,404.43
									Subtotal	\$38,643.47
									Total Per Unit	\$11.10

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Release 2023 Qtr 4

UM SF

Zip Code Prefix 222

Design Life 55

Type PM

Average Size 3481.30148

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Door, emergency egress, swinging, annualized	3.00	0.78	\$50.29	\$34.45	\$0.00	\$84.74	\$100.10	\$117.98
Door, overhead, electric, roll up, to 24' high x 25' wide, annualized	2.00	8.14	\$86.15	\$359.93	\$0.00	\$446.09	\$562.68	\$683.59
Urinals, annualized	2.00	0.46	\$13.26	\$24.33	\$0.00	\$37.59	\$46.21	\$55.50
Toilet (vacuum breaker type), annualized	4.00	0.71	\$35.42	\$37.84	\$0.00	\$73.26	\$88.16	\$104.83
Lavatories, annualized	4.00	1.39	\$31.17	\$87.20	\$0.00	\$118.37	\$147.65	\$178.48
Drink fountain, annualized	2.00	1.24	\$74.89	\$66.27	\$0.00	\$141.16	\$168.53	\$199.65
Water heater, gas, to 120 gal., annualized	1.00	1.72	\$102.21	\$91.56	\$0.00	\$193.77	\$231.46	\$274.26
Air filter, electrostatic, annualized	2.00	15.20	\$22.16	\$810.96	\$0.00	\$833.12	\$1,078.63	\$1,325.24
VAV Boxes, annually	3.00	1.40	\$16.39	\$88.94	\$0.00	\$105.34	\$133.66	\$162.80
Fire dampers, annualized	2.00	2.31	\$18.01	\$146.50	\$0.00	\$164.51	\$210.26	\$256.91
Fan, axial, up to 5,000 CFM, annualized	2.00	2.49	\$16.60	\$133.42	\$0.00	\$150.01	\$191.70	\$234.21
Hood and blower, annually	4.00	5.70	\$170.02	\$303.46	\$0.00	\$473.47	\$581.51	\$698.05
Package unit, air cooled, 25 thru 50 ton, annualized	1.00	3.25	\$166.98	\$204.92	\$0.00	\$371.90	\$450.07	\$536.60
Package unit, computer room, annualized	1.00	4.34	\$136.62	\$274.68	\$0.00	\$411.30	\$507.37	\$610.26
Dehumidifier, desiccant wheel, annualized	1.00	5.06	\$71.85	\$270.32	\$0.00	\$342.17	\$430.45	\$522.33
Backflow prevention device, up to 4", annually	2.00	0.67	\$28.03	\$41.86	\$0.00	\$69.89	\$85.25	\$102.01
Extinguishing system, wet pipe, annualized	1.00	11.34	\$49.59	\$710.68	\$0.00	\$760.27	\$978.43	\$1,199.07
Extinguishing system, deluge / preaction, annually	1.00	4.12	\$32.89	\$258.98	\$0.00	\$291.87	\$372.86	\$455.49
Transformer, dry type 500 KVA and over, annually	1.00	0.77	\$13.83	\$53.61	\$0.00	\$67.44	\$84.91	\$103.07
Panelboard, 225 A and above, annualized	2.00	0.88	\$44.00	\$60.83	\$0.00	\$104.83	\$127.48	\$152.33
Motor control center, over 400 A, annually	2.00	0.78	\$44.00	\$53.61	\$0.00	\$97.61	\$118.10	\$140.78
Emergency diesel or gas generator, over 15 KVA, annualized	1.00	16.15	\$83.06	\$1,020.69	\$0.00	\$1,103.75	\$1,418.27	\$1,736.94
Power stablizer, annually	1.00	0.62	\$9.16	\$39.69	\$0.00	\$48.85	\$61.68	\$74.96
Uninterrupted power system, up to 200 KVA, annually	1.00	3.01	\$169.72	\$190.73	\$0.00	\$360.46	\$434.65	\$517.33
Light, emergency, hardwired system, annualized	6.00	1.50	\$53.88	\$94.65	\$0.00	\$148.53	\$182.31	\$218.78
Crane, electric bridge, up to 5 ton, annualized	1.00	2.92	\$206.82	\$107.79	\$0.00	\$314.61	\$367.63	\$430.99
Hoist, pneumatic, annualized	1.00	1.31	\$187.40	\$48.59	\$0.00	\$236.00	\$269.31	\$312.00
						\$7,550.92	\$9,429.31	\$11,404.43

FAC 3161 AMMUNITION, EXPLOSIVE, AND TOXIC RDTE FACILITY

Modeled Component List CostWorks Release 2023 Qtr 4

D20 Plumbing

Emergency Shower Station	2.0 Ea.
Emergency Eye Wash	2.0 Ea.
Sink, Iron Enamel	2.0 Ea.
Water Heater, Gas / Oil, 70 Gallon	1.0 Ea.
Drain: Roof, Scupper, Area	4.0 Ea.

D30 HVAC

Exhaust Fan, axial flow, 6400 CFM	1.0 Ea.
Computer Room A/C Units, Air Cooled, 5 ton	1.0 Ea.

D40 Fire Protection

Backflow Preventer	2.0 Ea.
Sprinkler System, Fire Suppression, sprinkler head	60.0 Ea.
Sprinkler System, Fire Suppression , 3" backflow preventer	1.0 Ea.
Fire Pump Electric Motor	1.0 Ea.

D50 Electrical

Load Center, 100 A, maintenance & inspection	2.0 Ea.
Load Center, 100 A, replacement	2.0 Ea.
Smoke Detector	8.0 Ea.
Manual Pull Station	4.0 Ea.
Fire Alarm Control Panel	1.0 Ea.
Fire Alarm Bell	4.0 Ea.
Building Structure Ground	1.1 M.L.F.
Lightning Ground Rod	4.0 Ea.
Computer Ground System	0.8 M.L.F.
Emergency Lighting Fixture	6.0 Ea.

B20 Exterior Enclosure

Clay Brick, 1st floor	30.0 C.S.F.
Steel, Painted	3.0 Ea.
Steel Single, Roll-Up	2.0 Ea.

B30 Roofing

Built-Up Roofing	38.0 Sq.
Aluminum Gutter	248.0 L.F.

C10 Interior Construction

Steel Painted Interior Doors	3.0 Ea.
Solid Core Interior Doors	5.0 Ea.
Lockset, Brass	8.0 Ea.

C30 Interior Finishes

Concrete, Finished	26.6 C.S.F.
Vinyl Sheet	68.2 S.Y.
Rubber Tile	22.4 S.Y.
Acoustic Tile, fire-rated	9.0 C.S.F.

E10 Equipment

Crane, Electric, up to 5 ton, annualized	1.0 Each
Hoist, pneumatic, annualized	1.0 Each

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Sustainment by Year
CostWorks Release 2023 Qtr 4

