

**FAC 2281 MISCELLANEOUS SUPPORT PRODUCTION PLANT**

FY22 SUC:	\$5.45 / SF
Source:	Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 2281 MISCELLANEOUS SUPPORT PRODUCTION PLANT

Release 2021 Qtr 3  
Zip Code Prefix 222  
Type MR

UM SF  
Design Life 55  
Average Size 6550.0

SUC \$5.45

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
Repair concrete stairs	30	110.00 S.F.	\$3,630.48	\$4,198.22	1.8333	1	1	\$4,198.22	\$4,198.22
Repair 8" concrete block wall, 1st floor	25	230.00 S.F.	\$5,569.41	\$6,813.34	2.2000	2	2	\$13,626.69	\$13,626.69
Replace 8" concrete block wall, 1st floor	60	23.00 C.S.F.	\$27,274.65	\$32,961.94	0.9167	0	0	\$0.00	\$0.00
Replace aluminum siding, 2nd floor	35	42.00 C.S.F.	\$30,069.56	\$36,417.79	1.5714	1	1	\$36,417.79	\$36,417.79
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	3.00 S.F.	\$36.17	\$42.51	55.0000	55	55	\$2,338.32	\$2,338.32
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	28.00 Ea.	\$4,052.63	\$4,833.05	2.7500	2	2	\$9,666.10	\$9,666.10
Repair steel, painted, door	14	2.00 Ea.	\$1,250.15	\$1,488.01	3.9286	3	3	\$4,464.03	\$4,464.03
Refinish 3'-0" x 7'-0" steel, painted, door	4	4.00 Ea.	\$165.60	\$203.46	13.7500	13	13	\$2,645.04	\$2,645.04
Replace 3'-0" x 7'-0" steel, painted, door	45	4.00 Ea.	\$2,820.26	\$3,278.92	1.2222	1	1	\$3,278.92	\$3,278.92
Repair 12' x 12' steel roll-up door	10	2.00 Ea.	\$1,351.79	\$1,604.43	5.5000	5	5	\$8,022.17	\$8,022.17
Replace 12' x 12' steel roll-up door	35	2.00 Ea.	\$5,407.17	\$6,417.73	1.5714	1	1	\$6,417.73	\$6,417.73
Debris removal, by hand and visual inspection, metal panel roofing	1	4.72 M.S.F.	\$107.56	\$131.20	55.0000	55	55	\$7,215.75	\$7,215.75
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	97.00 S.F.	\$338.83	\$406.52	11.0000	11	11	\$4,471.76	\$4,471.76
Metal roof flashing replacement, 2 SF/sq repaired, metal panel roofing	1	4.25 S.F.	\$77.77	\$94.23	55.0000	55	55	\$5,182.82	\$5,182.82
Minor metal roof panel replacement, 2.5% of roof area	20	118.00 S.F.	\$1,348.46	\$1,601.51	2.7500	2	2	\$3,203.01	\$3,203.01
Total metal roof panel replacement	30	63.00 Sq.	\$53,244.24	\$63,064.02	1.8333	1	1	\$63,064.02	\$63,064.02
Repair 8" concrete block wall - (2% of walls) painted	25	0.80 C.S.F.	\$871.72	\$1,046.68	2.2000	2	2	\$2,093.37	\$2,093.37
Refinish concrete block wall painted	4	44.50 C.S.F.	\$4,490.88	\$5,468.52	13.7500	13	13	\$71,090.82	\$71,090.82
Repair steel painted interior door	14	2.00 Ea.	\$586.90	\$683.13	3.9286	3	3	\$2,049.38	\$2,049.38
Refinish 3'-0" x 7'-0" steel painted interior door	4	2.00 Ea.	\$105.17	\$129.57	13.7500	13	13	\$1,684.44	\$1,684.44
Replace 3'-0" x 7'-0" steel painted interior door	60	2.00 Ea.	\$2,436.07	\$2,824.17	0.9167	0	0	\$0.00	\$0.00
Repair solid core wood door, interior	11	4.00 Ea.	\$1,173.81	\$1,366.26	5.0000	5	5	\$6,831.28	\$6,831.28
Refinish 3'-0" x 7'-0" solid core wood door, interior	4	4.00 Ea.	\$173.46	\$213.00	13.7500	13	12	\$2,768.98	\$2,555.98
Replace 3'-0" x 7'-0" solid core wood door, interior	40	4.00 Ea.	\$1,957.71	\$2,263.24	1.3750	1	1	\$2,263.24	\$2,263.24
Office painting, 10' x 12', 10' high walls	5	4.00 Ea.	\$883.94	\$1,084.25	11.0000	11	11	\$11,926.78	\$11,926.78
Refinish concrete floor finished	25	45.00 C.S.F.	\$18,982.23	\$22,800.61	2.2000	2	2	\$45,601.22	\$45,601.22
Replace vinyl tile flooring	18	12.00 S.Y.	\$592.84	\$728.04	3.0556	3	3	\$2,184.12	\$2,184.12
Replace rubber tile floor	18	14.00 S.Y.	\$2,716.36	\$3,205.53	3.0556	3	3	\$9,616.59	\$9,616.59

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Acoustic tile repairs - (2% of ceilings)	9	0.94 C.S.F.	\$853.24	\$991.63	6.1111	6	6	\$5,949.76	\$5,949.76
Replace flush valve diaphragm tankless water closet	10	6.00 Ea.	\$157.32	\$195.22	5.5000	5	5	\$976.08	\$976.08
Rebuild flush valve tankless water closet	20	6.00 Ea.	\$1,082.60	\$1,304.74	2.7500	2	2	\$2,609.49	\$2,609.49
Unplug clogged line tankless water closet	5	6.00 Ea.	\$1,310.37	\$1,638.76	11.0000	11	11	\$18,026.37	\$18,026.37
Replace tankless water closet	35	6.00 Ea.	\$7,717.33	\$8,930.97	1.5714	1	1	\$8,930.97	\$8,930.97
Replace tankless flush valve	25	6.00 Ea.	\$1,513.29	\$1,776.66	2.2000	2	2	\$3,553.33	\$3,553.33
Replace wax ring gasket for tankless water closet	5	6.00 Ea.	\$849.12	\$1,060.96	11.0000	11	11	\$11,670.55	\$11,670.55
Replace flush valve diaphragm for a urinal	7	2.00 Ea.	\$52.44	\$65.07	7.8571	7	7	\$455.50	\$455.50
Rebuild flush valve for a urinal	20	2.00 Ea.	\$360.87	\$434.91	2.7500	2	2	\$869.83	\$869.83
Unplug line urinal	5	2.00 Ea.	\$290.14	\$362.86	11.0000	11	11	\$3,991.41	\$3,991.41
Replace wall-hung urinal	35	2.00 Ea.	\$1,937.73	\$2,338.21	1.5714	1	1	\$2,338.21	\$2,338.21
Replace washer in spud connection lavatory, vitreous china	7	10.00 Ea.	\$164.63	\$200.80	7.8571	7	7	\$1,405.60	\$1,405.60
Replace washer in faucet lavatory, vitreous china	2	10.00 Ea.	\$128.85	\$160.52	27.5000	27	27	\$4,333.99	\$4,333.99
Replace faucets lavatory, vitreous china	10	10.00 Ea.	\$1,817.26	\$2,187.55	5.5000	5	5	\$10,937.77	\$10,937.77
Clean out strainer and P trap lavatory, vitreous china	2	10.00 Ea.	\$348.69	\$436.08	27.5000	27	27	\$11,774.14	\$11,774.14
Replace lavatory, vitreous china	35	10.00 Ea.	\$6,725.75	\$8,082.21	1.5714	1	1	\$8,082.21	\$8,082.21
Replace faucet washer sink, iron enamel	2	1.00 Ea.	\$12.78	\$15.92	27.5000	27	27	\$429.73	\$429.73
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
Replace sink, P.E.C.I. sink, iron enamel kitchen	10	1.00 Ea.	\$636.70	\$757.51	5.5000	5	5	\$3,787.55	\$3,787.55
Check / minor repairs drinking fountain	1	2.00 Ea.	\$97.76	\$122.27	55.0000	55	55	\$6,724.58	\$6,724.58
Repair internal leaks drinking fountain	4	2.00 Ea.	\$90.16	\$112.76	13.7500	13	13	\$1,465.82	\$1,465.82
Correct water pressure drinking fountain	2	2.00 Ea.	\$83.64	\$104.60	27.5000	27	27	\$2,824.33	\$2,824.33
Replace refrigerant drinking fountain	2	2.00 Ea.	\$65.37	\$76.54	27.5000	27	27	\$2,066.54	\$2,066.54
Repair drain leak drinking fountain	4	2.00 Ea.	\$67.83	\$81.07	13.7500	13	11	\$1,053.90	\$891.76
Replace fountain drinking fountain	10	2.00 Ea.	\$2,562.31	\$3,029.12	5.5000	5	5	\$15,145.59	\$15,145.59
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
Replace shower emergency shower station	25	1.00 Ea.	\$941.97	\$1,129.12	2.2000	2	2	\$2,258.23	\$2,258.23
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
General maintenance & repair drain: roof, scupper, area	1	2.00 Ea.	\$73.98	\$92.51	55.0000	55	55	\$5,088.27	\$5,088.27

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Replace drain: roof, scupper, area	40	2.00 Ea.	\$1,573.86	\$1,824.72	1.3750	1	1	\$1,824.72	\$1,824.72
Repair boiler, gas, 250 MBH	7	1.00 Ea.	\$2,031.05	\$2,390.45	7.8571	7	7	\$16,733.15	\$16,733.15
Replace boiler, gas, 250 MBH	30	1.00 Ea.	\$9,398.04	\$11,210.13	1.8333	1	1	\$11,210.13	\$11,210.13
Replace metal flue, all fuel SS, 6" diameter metal flue / chimney	15	1.00 L.F.	\$129.05	\$149.45	3.6667	3	3	\$448.36	\$448.36
Replace roof mounted exhaust fan, 800 CFM exhaust fan	20	1.00 Ea.	\$1,734.03	\$2,028.11	2.7500	2	2	\$4,056.23	\$4,056.23
Repair circulator pump, 1/12 - 3/4 H.P.	5	1.00 Ea.	\$98.13	\$115.73	11.0000	11	8	\$1,273.04	\$925.85
Replace circulator pump, 1/12 - 3/4 H.P.	15	1.00 Ea.	\$3,822.30	\$4,402.23	3.6667	3	3	\$13,206.68	\$13,206.68
Repair terminal reheat, 12" x 24" coil	10	4.00 Ea.	\$356.30	\$445.59	5.5000	5	4	\$2,227.94	\$1,782.35
Replace terminal reheat, 12" x 24" coil	15	4.00 Ea.	\$7,029.84	\$8,067.38	3.6667	3	3	\$24,202.15	\$24,202.15
Repair single zone rooftop unit, 25 ton	10	1.00 Ea.	\$47,397.42	\$54,623.55	5.5000	5	4	\$273,117.75	\$218,494.20
Replace single zone rooftop unit, 25 ton	15	1.00 Ea.	\$51,343.17	\$59,585.52	3.6667	3	3	\$178,756.56	\$178,756.56
Repair central station A.H.U., 8000 CFM	10	1.00 Ea.	\$1,302.07	\$1,515.31	5.5000	5	4	\$7,576.53	\$6,061.23
Replace central station A.H.U., 8000 CFM	15	1.00 Ea.	\$36,431.80	\$42,017.17	3.6667	3	3	\$126,051.52	\$126,051.52
Inspect sprinkler system	1	1.00 Ea.	\$34.33	\$42.93	55.0000	55	55	\$2,361.08	\$2,361.08
Replace sprinkler head	20	24.00 Ea.	\$2,052.55	\$2,524.55	2.7500	2	2	\$5,049.10	\$5,049.10
Replace switchgear 1200 A mainframe	20	1.00 Ea.	\$4,350.12	\$5,225.48	2.7500	2	2	\$10,450.95	\$10,450.95
Repair switchboard meter	10	1.00 Ea.	\$1,568.90	\$1,830.18	5.5000	5	5	\$9,150.92	\$9,150.92
Replace switchboard meter	20	1.00 Ea.	\$6,039.17	\$6,882.51	2.7500	2	2	\$13,765.03	\$13,765.03
Maintenance and repair rectifier, up to 600 V	2	1.00 Ea.	\$686.80	\$818.18	27.5000	27	27	\$22,090.87	\$22,090.87
Maintenance and repair motor starter, up to 600 V	5	2.00 Ea.	\$559.28	\$675.20	11.0000	11	11	\$7,427.16	\$7,427.16
Maintenance and inspection motor starter, up to 600 V	0.5	2.00 Ea.	\$107.96	\$135.26	110.0000	110	110	\$14,878.62	\$14,878.62
Replace starter motor starter, up to 600 V	18	2.00 Ea.	\$1,610.62	\$1,916.15	3.0556	3	3	\$5,748.45	\$5,748.45
Maintenance and repair secondary transformer, dry	10	2.00 Ea.	\$464.88	\$556.53	5.5000	5	5	\$2,782.66	\$2,782.66
Maintenance and inspection lighting panel, indoor	3	2.00 Ea.	\$81.29	\$101.84	18.3333	18	18	\$1,833.17	\$1,833.17
Maintenance and inspection circuit breaker, molded case, 480 V, 1 pole	0.5	4.00 Ea.	\$129.55	\$162.31	110.0000	110	110	\$17,854.34	\$17,854.34
Replace circuit breaker molded case, 600 V, 2 pole circuit breaker	50	2.00 Ea.	\$1,856.60	\$2,152.98	1.1000	1	1	\$2,152.98	\$2,152.98
Replace circuit breaker enclosed, 600 V, 3 pole circuit breaker	50	1.00 Ea.	\$1,276.28	\$1,493.30	1.1000	1	1	\$1,493.30	\$1,493.30
Maintenance and repair safety switch, 3 pole safety switch, heavy duty	8	1.00 Ea.	\$40.64	\$50.92	6.8750	6	6	\$305.53	\$305.53
Maintenance and inspection safety switch, 3 pole, heavy duty	1	1.00 Ea.	\$40.64	\$50.92	55.0000	55	55	\$2,800.68	\$2,800.68
Replace safety switch, heavy duty 30 A	25	1.00 Ea.	\$576.35	\$690.44	2.2000	2	2	\$1,380.88	\$1,380.88
Replace wiring devices, switches	15	23.00 Ea.	\$1,503.69	\$1,868.10	3.6667	3	3	\$5,604.31	\$5,604.31

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost	
Replace fluorescent light fixture ballast, 80 W	10	34.00 Ea.	\$4,238.73	\$5,142.07	5.5000	5	5	\$25,710.33	\$25,710.33	
Replace lamps (2 lamps), 4', 34 W energy saver	10	34.00 Ea.	\$857.28	\$1,073.68	5.5000	5	5	\$5,368.42	\$5,368.42	
Replace metal halide ballast, 400 W	10	10.00 Ea.	\$1,759.52	\$2,104.02	5.5000	5	5	\$10,520.09	\$10,520.09	
Replace metal halide fixture lamp, 400 W	5	10.00 Ea.	\$663.89	\$798.06	11.0000	11	11	\$8,778.70	\$8,778.70	
Maintenance and repair TV cable outlet	10	14.00 Ea.	\$718.10	\$896.81	5.5000	5	5	\$4,484.07	\$4,484.07	
Repair smoke detector	10	15.00 Ea.	\$845.81	\$1,045.71	5.5000	5	4	\$5,228.55	\$4,182.84	
Check operation smoke detector	1	15.00 Ea.	\$242.91	\$304.34	55.0000	55	55	\$16,738.44	\$16,738.44	
Replace smoke detector	15	15.00 Ea.	\$4,263.56	\$5,091.93	3.6667	3	3	\$15,275.79	\$15,275.79	
Check and repair manual pull station	10	2.00 Ea.	\$175.39	\$215.66	5.5000	5	4	\$1,078.30	\$862.64	
Replace manual pull station	15	2.00 Ea.	\$406.94	\$489.88	3.6667	3	3	\$1,469.65	\$1,469.65	
Minor repairs to fire alarm control panel	5	1.00 Ea.	\$149.71	\$182.27	11.0000	11	11	\$2,005.02	\$2,005.02	
Maintenance and inspection fire alarm control panel	0.5	1.00 Ea.	\$43.18	\$54.10	110.0000	110	110	\$5,951.45	\$5,951.45	
Replace fire alarm control panel	15	1.00 Ea.	\$1,953.46	\$2,391.92	3.6667	3	3	\$7,175.76	\$7,175.76	
Minor repairs to annunciation panel	5	1.00 Ea.	\$149.71	\$182.27	11.0000	11	11	\$2,005.02	\$2,005.02	
Maintenance and inspection annunciation panel	0.5	1.00 Ea.	\$43.18	\$54.10	110.0000	110	110	\$5,951.45	\$5,951.45	
Replace fire alarm bell, 6"	20	4.00 Ea.	\$779.85	\$941.10	2.7500	2	2	\$1,882.20	\$1,882.20	
Maintenance and repair lightning ground rod	1	1.00 Ea.	\$87.89	\$109.79	55.0000	55	53	\$6,038.29	\$5,818.72	
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	15.00 Ea.	\$820.34	\$988.13	27.5000	27	27	\$26,679.64	\$26,679.64	
Replace emergency lighting fixture	20	15.00 Ea.	\$9,035.52	\$10,646.42	2.7500	2	2	\$21,292.84	\$21,292.84	
Maintenance and repair exit light	20	15.00 Ea.	\$558.02	\$690.05	2.7500	2	2	\$1,380.09	\$1,380.09	
Replace lamp exit light	5	15.00 Ea.	\$252.70	\$299.45	11.0000	11	11	\$3,293.97	\$3,293.97	
			\$417,049.48	\$492,383.79				MR Subtotal	\$1,384,660.29	
									MR Per Year	\$25,132.18
									PM Total	\$10,546.05
									Subtotal	\$35,678.23
									Total Per Unit	\$5.45

**FAC 2281 MISCELLANEOUS SUPPORT PRODUCTION PLANT**

SUC \$5.45

Release 2021 Qtr 3

UM SF

Zip Code Prefix 222

Design Life 55

Type PM

Average Size 6550.0

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	2.00	0.46	\$12.64	\$22.91	\$0.00	\$35.54	\$43.68	\$52.45
Toilet (vacuum breaker type), annualized	6.00	1.06	\$50.65	\$53.39	\$0.00	\$104.04	\$125.12	\$148.74
Lavatories, annualized	10.00	3.48	\$59.65	\$207.04	\$0.00	\$266.68	\$334.76	\$405.82
Drink fountain, annualized	2.00	1.24	\$41.45	\$62.55	\$0.00	\$104.00	\$126.91	\$151.90
Boiler, hot water, oil, gas, or comb. fired, up to 120 MBH, annualized	1.00	12.53	\$77.34	\$753.25	\$0.00	\$830.60	\$1,064.31	\$1,301.88
Air handling unit, 3 thru 24 tons, annually	1.00	0.80	\$99.58	\$40.53	\$0.00	\$140.11	\$162.23	\$189.32
VAV Boxes, annualized	6.00	5.60	\$57.63	\$338.30	\$0.00	\$395.93	\$503.18	\$613.32
Package unit, air cooled, 3 thru 24 ton, annualized	1.00	2.40	\$176.92	\$144.48	\$0.00	\$321.41	\$382.45	\$452.33
Backflow prevention device, up to 4", annualized	1.00	0.33	\$13.40	\$19.82	\$0.00	\$33.22	\$40.50	\$48.46
Extinguishing system, dry pipe, annualized	1.00	13.02	\$122.33	\$775.28	\$0.00	\$897.61	\$1,142.43	\$1,393.36
Switchboard, with air circuit breaker, annualized	2.00	26.64	\$34.33	\$1,750.84	\$0.00	\$1,785.17	\$2,313.86	\$2,844.26
Circuit breaker, high voltage air, annualized	6.00	2.82	\$90.93	\$186.48	\$0.00	\$277.41	\$342.45	\$412.04
Transformer, dry type 500 KVA and over, annualized	2.00	1.54	\$30.31	\$101.53	\$0.00	\$131.84	\$165.33	\$200.33
Panelboard, 225 A and above, annualized	2.00	0.88	\$46.39	\$58.02	\$0.00	\$104.41	\$126.46	\$150.82
Motor control center, over 400 A, annualized	2.00	0.78	\$46.39	\$51.80	\$0.00	\$98.19	\$118.37	\$140.87
Fire alarm annunciator system, annualized	1.00	11.05	\$179.39	\$652.68	\$0.00	\$832.07	\$1,045.82	\$1,268.53
Crane, electric bridge, up to 5 ton, annualized	1.00	2.92	\$171.90	\$102.86	\$0.00	\$274.76	\$322.80	\$379.44
						\$6,893.46	\$8,685.22	\$10,546.05



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## Modeled Component List CostWorks Release 2021 Qtr 3

B20 Exterior Enclosure	
Concrete Block, 1st floor	23.0 C.S.F.
Aluminum Siding, 2nd floor	42.0 C.S.F.
Steel, Painted	4.0 Ea.
Steel Single, Roll-Up	2.0 Ea.
B30 Roofing	
Metal Steep Roofing	63.0 Sq.
C10 Interior Construction	
Concrete Block, Painted	44.5 C.S.F.
Steel Painted Interior Doors	2.0 Ea.
Solid Core Interior Doors	4.0 Ea.
C30 Interior Finishes	
Concrete, Finished	45.0 C.S.F.
Vinyl	12.0 S.Y.
Rubber Tile	14.0 S.Y.
D20 Plumbing	
Tankless Water Closet	6.0 Ea.
Urinal	2.0 Ea.
Lavatory, Vitreous China	10.0 Ea.
Sink, Iron Enamel	1.0 Ea.
Drinking Fountain	2.0 Ea.
Emergency Shower Station	1.0 Ea.
Emergency Eye Wash	1.0 Ea.
Drain: Roof, Scupper, Area	2.0 Ea.
D30 HVAC	
Boiler, Gas, 250 MBH	1.0 Ea.
Metal Flue / Chimney, 6" diameter	1.0 L.F.
Exhaust Fan, roof mounted exhaust fan, 800 CFM exhaust	1.0 Ea.
Circulator Pump, 1/12 - 3/4 H.P.	1.0 Ea.
Terminal Reheat Coil, 12" x 24"	4.0 Ea.
Single Zone Air Conditioner, 25 ton	1.0 Ea.
Central Station Air Conditioning Air Handling Unit, 8000 CFM	1.0 Ea.
VAV Box	6.0 Each
D40 Fire Protection	
Sprinkler System, Fire Suppression, sprinkler head	24.0 Ea.
Extinguishing system, dry pipe, annualized	1.0 Each
D50 Electrical	
Switchgear, Mainframe	1.0 Ea.
Motor Starter, Up To 600 V	2.0 Ea.
Load Center, 100 A, maintenance & inspection	2.0 Ea.
Circuit Breaker, molded case, 600 V, 2 pole	2.0 Ea.
Circuit Breaker, enclosed, 600 V, 3 pole	1.0 Ea.
Safety Switch, Heavy Duty	1.0 Ea.
Smoke Detector	15.0 Ea.
Manual Pull Station	2.0 Ea.
Fire Alarm Control Panel	1.0 Ea.
Fire Alarm Bell	4.0 Ea.
Lightning Ground Rod	1.0 Ea.
Emergency Lighting Fixture	15.0 Ea.
E10 Equipment	
Crane, Electric, up to 5 ton, annualized	1.0 Each



FAC 2281 MISCELLANEOUS SUPPORT PRODUCTION PLANT  
Sustainment by Year  
CostWorks Release 2021 Qtr 3

