

FAC 7421 INDOOR PHYSICAL FITNESS FACILITY

FY22 SUC:	\$4.49 / SF
Source:	Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 7421 INDOOR PHYSICAL FITNESS FACILITY

SUC \$4.49

Release 2021 Qtr 3

UM SF

Zip Code Prefix 222

Design Life 45

Type MR

Average Size 15604.0

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
Sand and refinish maple strip floor	10	3,180.00 S.F.	\$8,791.57	\$10,746.94	4.5000	4	4	\$42,987.75	\$42,987.75
Replace maple floor	40	3,180.00 S.F.	\$35,995.45	\$42,397.48	1.1250	1	1	\$42,397.48	\$42,397.48
Replace metal hand rail	30	14.00 L.F.	\$1,059.57	\$1,226.02	1.5000	1	1	\$1,226.02	\$1,226.02
Total metal roof panel replacement	30	156.00 Sq.	\$131,842.87	\$156,158.53	1.5000	1	1	\$156,158.53	\$156,158.53
Repair steel painted interior door	14	17.00 Ea.	\$4,988.69	\$5,806.59	3.2143	3	3	\$17,419.77	\$17,419.77
Refinish 3'-0" x 7'-0" steel painted interior door	4	17.00 Ea.	\$893.95	\$1,101.37	11.2500	11	11	\$12,115.04	\$12,115.04
Replace 3'-0" x 7'-0" steel painted interior door	60	17.00 Ea.	\$20,706.59	\$24,005.41	0.7500	0	0	\$0.00	\$0.00
Repair aluminum interior door	12	7.00 Ea.	\$2,054.17	\$2,390.95	3.7500	3	3	\$7,172.84	\$7,172.84
Replace 3'-0" x 7'-0" aluminum door & frame, interior	50	7.00 Ea.	\$19,254.99	\$22,152.57	0.9000	0	0	\$0.00	\$0.00
Replace safety glass (3% of glass) aluminum interior door	1	4.41 S.F.	\$79.46	\$94.71	45.0000	45	45	\$4,262.15	\$4,262.15
Repair 5/8" drywall - (2% of walls)	20	314.00 S.F.	\$526.06	\$640.08	2.2500	2	2	\$1,280.17	\$1,280.17
Refinish drywall	4	9,400.00 S.F.	\$5,837.23	\$7,180.76	11.2500	11	11	\$78,988.31	\$78,988.31
Replace 5/8" drywall	75	9,400.00 S.F.	\$21,907.71	\$26,810.74	0.6000	0	0	\$0.00	\$0.00
Refinish concrete floor finished	25	6.36 C.S.F.	\$2,682.82	\$3,222.49	1.8000	1	1	\$3,222.49	\$3,222.49
Replace rubber tile floor	18	254.00 S.Y.	\$49,282.44	\$58,157.48	2.5000	2	2	\$116,314.96	\$116,314.96
Ceramic tile floor repairs - (2% of floors)	15	0.38 C.S.F.	\$240.47	\$299.82	3.0000	3	3	\$899.47	\$899.47
Replace 2" x 2" thin set ceramic tile floor	50	19.00 C.S.F.	\$23,249.22	\$28,064.77	0.9000	0	0	\$0.00	\$0.00
Repair painted clay brick wall, 1st floor	25	309.00 S.F.	\$13,495.01	\$16,557.58	1.8000	1	1	\$16,557.58	\$16,557.58
Refinish steel louver, 1st floor	5	1.00 Ea.	\$97.04	\$120.41	9.0000	9	9	\$1,083.65	\$1,083.65
Replace steel louver, 1st floor	40	1.00 Ea.	\$485.32	\$570.60	1.1250	1	1	\$570.60	\$570.60
Replace glass - 1st floor (1% of glass) - steel frame window	1	22.00 S.F.	\$265.27	\$311.78	45.0000	45	45	\$14,029.89	\$14,029.89
Repair 2'-0" x 3'-0" steel frame window - 1st floor.	20	1.00 Ea.	\$144.74	\$172.61	2.2500	2	2	\$345.22	\$345.22
Refinish 2'-0" x 3'-0" steel frame window - 1st floor.	5	1.00 Ea.	\$80.08	\$99.35	9.0000	9	9	\$894.12	\$894.12
Replace glass - 1st floor (1% of glass) - alum. window fixed	1	5.40 S.F.	\$65.11	\$76.53	45.0000	45	45	\$3,443.70	\$3,443.70
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	90.00 Ea.	\$13,026.30	\$15,534.81	2.2500	2	2	\$31,069.61	\$31,069.61
Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	90.00 Ea.	\$43,931.85	\$52,067.18	0.9000	0	0	\$0.00	\$0.00
Replace glass - 2nd floor (1% of glass) - alum. window fixed	1	5.64 S.F.	\$598.93	\$739.24	45.0000	45	45	\$33,265.71	\$33,265.71
Refinish aluminum shutter - 1st floor	5	1.00 Ea.	\$97.04	\$120.41	9.0000	9	9	\$1,083.65	\$1,083.65
Repair aluminum storefront door	12	2.00 Ea.	\$926.84	\$1,109.03	3.7500	3	3	\$3,327.09	\$3,327.09
Replace 3'-0" x 7'-0" aluminum storefront doors	50	2.00 Ea.	\$4,091.53	\$4,838.20	0.9000	0	0	\$0.00	\$0.00
Replace insulating glass - (3% of glass) aluminum storefront door	1	1.26 S.F.	\$65.38	\$76.48	45.0000	45	45	\$3,441.63	\$3,441.63
Repair steel, painted, door	14	8.00 Ea.	\$5,000.59	\$5,952.05	3.2143	3	3	\$17,856.14	\$17,856.14

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Refinish 3'-0" x 7'-0" steel, painted, door	4	8.00 Ea.	\$331.20	\$406.93	11.2500	11	11	\$4,476.23	\$4,476.23
Replace 3'-0" x 7'-0" steel, painted, door	45	8.00 Ea.	\$5,640.51	\$6,557.85	1.0000	1	1	\$6,557.85	\$6,557.85
Replace tempered glass - (3% of glass) steel painted door	1	5.04 S.F.	\$113.89	\$136.08	45.0000	45	45	\$6,123.80	\$6,123.80
Debris removal, by hand and visual inspection, metal panel roofing	1	15.00 M.S.F.	\$341.76	\$416.85	45.0000	45	45	\$18,758.09	\$18,758.09
Minor metal roof finish repairs, 2% of roof area, metal panel roofing	5	297.00 S.F.	\$1,037.45	\$1,244.72	9.0000	9	9	\$11,202.45	\$11,202.45
Metal roof flashing replacement, 2 SF/sq repaired, metal panel roofing	1	13.30 S.F.	\$243.39	\$294.89	45.0000	45	45	\$13,270.22	\$13,270.22
Minor metal roof panel replacement, 2.5% of roof area	20	390.00 S.F.	\$4,456.77	\$5,293.11	2.2500	2	2	\$10,586.22	\$10,586.22
Replace carpet	8	153.00 S.Y.	\$8,417.50	\$9,721.15	5.6250	5	5	\$48,605.73	\$48,605.73
Repair gypsum board ceiling - (2% of ceilings)	20	0.95 C.S.F.	\$345.52	\$424.17	2.2500	2	2	\$848.34	\$848.34
Refinish gypsum board ceiling, up to 12' high	20	47.70 C.S.F.	\$6,157.79	\$7,612.13	2.2500	2	1	\$15,224.25	\$7,612.13
Replace gypsum board ceiling, up to 12' high	40	47.70 C.S.F.	\$17,710.99	\$21,749.02	1.1250	1	1	\$21,749.02	\$21,749.02
Replace flush valve diaphragm tankless water closet	10	6.00 Ea.	\$157.32	\$195.22	4.5000	4	4	\$780.86	\$780.86
Rebuild flush valve tankless water closet	20	6.00 Ea.	\$1,082.60	\$1,304.74	2.2500	2	2	\$2,609.49	\$2,609.49
Unplug clogged line tankless water closet	5	6.00 Ea.	\$1,310.37	\$1,638.76	9.0000	9	9	\$14,748.85	\$14,748.85
Replace tankless water closet	35	6.00 Ea.	\$7,717.33	\$8,930.97	1.2857	1	1	\$8,930.97	\$8,930.97
Replace tankless flush valve	25	6.00 Ea.	\$1,513.29	\$1,776.66	1.8000	1	1	\$1,776.66	\$1,776.66
Replace wax ring gasket for tankless water closet	5	6.00 Ea.	\$849.12	\$1,060.96	9.0000	9	9	\$9,548.63	\$9,548.63
Replace washer in spud connection lavatory, vitreous china	7	7.00 Ea.	\$115.24	\$140.56	6.4286	6	6	\$843.36	\$843.36
Replace washer in faucet lavatory, vitreous china	2	7.00 Ea.	\$90.19	\$112.36	22.5000	22	22	\$2,471.98	\$2,471.98
Replace faucets lavatory, vitreous china	10	7.00 Ea.	\$1,272.08	\$1,531.29	4.5000	4	4	\$6,125.15	\$6,125.15
Clean out strainer and P trap lavatory, vitreous china	2	7.00 Ea.	\$244.09	\$305.26	22.5000	22	22	\$6,715.62	\$6,715.62
Replace lavatory, vitreous china	35	7.00 Ea.	\$4,708.02	\$5,657.55	1.2857	1	1	\$5,657.55	\$5,657.55
Replace faucet washer sink, iron enamel	2	2.00 Ea.	\$25.55	\$31.83	22.5000	22	22	\$700.30	\$700.30
Clean trap sink, iron enamel	3	2.00 Ea.	\$17.14	\$21.44	15.0000	15	15	\$321.56	\$321.56
Replace faucets sink, iron enamel	10	2.00 Ea.	\$363.45	\$437.51	4.5000	4	4	\$1,750.04	\$1,750.04
Unstop sink, iron enamel	2	2.00 Ea.	\$83.64	\$104.60	22.5000	22	22	\$2,301.30	\$2,301.30
Replace sink, P.E.C.I. sink, iron enamel kitchen	10	2.00 Ea.	\$1,273.40	\$1,515.02	4.5000	4	4	\$6,060.08	\$6,060.08
Inspect / clean shower head	3	15.00 Ea.	\$740.89	\$926.57	15.0000	15	15	\$13,898.49	\$13,898.49
Replace mixing valve shower, miscellaneous	10	15.00 Ea.	\$4,138.23	\$5,033.33	4.5000	4	4	\$20,133.31	\$20,133.31
Replace shower surface, ceramic tile	30	15.00 Ea.	\$13,415.44	\$16,270.24	1.5000	1	1	\$16,270.24	\$16,270.24

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Check / minor repairs drinking fountain	1	3.00 Ea.	\$146.65	\$183.40	45.0000	45	45	\$8,252.90	\$8,252.90
Repair internal leaks drinking fountain	4	3.00 Ea.	\$135.24	\$169.13	11.2500	11	11	\$1,860.47	\$1,860.47
Correct water pressure drinking fountain	2	3.00 Ea.	\$125.46	\$156.91	22.5000	22	22	\$3,451.95	\$3,451.95
Replace refrigerant drinking fountain	2	3.00 Ea.	\$98.05	\$114.81	22.5000	22	22	\$2,525.77	\$2,525.77
Repair drain leak drinking fountain	4	3.00 Ea.	\$101.75	\$121.60	11.2500	11	9	\$1,337.64	\$1,094.43
Replace fountain drinking fountain	10	3.00 Ea.	\$3,843.47	\$4,543.68	4.5000	4	4	\$18,174.71	\$18,174.71
Resolder joint pipe & fittings, copper	10	2.00 Ea.	\$89.19	\$110.56	4.5000	4	4	\$442.24	\$442.24
Remove old insulation & replace with new, pipe 3/4", wall 1"	15	16.00 L.F.	\$133.73	\$165.15	3.0000	3	3	\$495.46	\$495.46
Remove old insulation & replace with new, pipe 1-1/2", wall 1"	15	16.00 L.F.	\$147.41	\$181.67	3.0000	3	3	\$545.00	\$545.00
Minor repairs, adjustments water heater, gas / oil, 1150 GPH	2	1.00 Ea.	\$98.31	\$122.94	22.5000	22	20	\$2,704.78	\$2,458.89
Clean & service water heater, gas / oil, 1150 GPH	2	1.00 Ea.	\$586.59	\$733.59	22.5000	22	22	\$16,139.00	\$16,139.00
Replace water heater, gas / oil, 1150 GPH	20	1.00 Ea.	\$41,525.47	\$47,777.51	2.2500	2	2	\$95,555.02	\$95,555.02
Replace 1000 gallon solar storage tank	20	1.00 Ea.	\$8,195.08	\$9,486.27	2.2500	2	2	\$18,972.54	\$18,972.54
Inspect / check pump / motor operation, lubricate circulation pump, 1/6 HP	1	1.00 Ea.	\$8.03	\$10.04	45.0000	45	45	\$451.77	\$451.77
Replace pump / motor assembly circulation pump, 1/6 HP	20	1.00 Ea.	\$2,401.97	\$2,778.41	2.2500	2	2	\$5,556.81	\$5,556.81
Insp./chk. pump/mtr. oper., lub., chk. align. circulation pump, 1/2 HP	1	1.00 Ea.	\$11.95	\$14.94	45.0000	45	45	\$672.46	\$672.46
Replace pump / motor assembly, partial circulation pump, 1/2 HP	20	1.00 Ea.	\$3,822.30	\$4,402.23	2.2500	2	2	\$8,804.46	\$8,804.46
Unclog main drain pipe & fittings, cast iron	10	1.00 Ea.	\$46.17	\$57.74	4.5000	4	4	\$230.95	\$230.95
Replace pipe & fittings, cast iron, 4"	40	16.00 L.F.	\$1,071.15	\$1,285.72	1.1250	1	1	\$1,285.72	\$1,285.72
General maintenance & repair drain: roof, scupper, area	1	4.00 Ea.	\$147.95	\$185.03	45.0000	45	45	\$8,326.26	\$8,326.26
Replace drain: roof, scupper, area	40	4.00 Ea.	\$3,147.73	\$3,649.44	1.1250	1	1	\$3,649.44	\$3,649.44
Install new 4" gasket, 1 per M.L.F. natural gas, steel/iron	30	1.00 Ea.	\$210.95	\$261.69	1.5000	1	1	\$261.69	\$261.69
Replace 10' of buried 4" diam steel pipe/M.L.F. natural gas	12	1.00 Ea.	\$930.64	\$1,130.78	3.7500	3	3	\$3,392.35	\$3,392.35
Repair boiler, gas, 250 MBH	7	1.00 Ea.	\$2,031.05	\$2,390.45	6.4286	6	6	\$14,342.70	\$14,342.70
Replace boiler, gas, 250 MBH	30	1.00 Ea.	\$9,398.04	\$11,210.13	1.5000	1	1	\$11,210.13	\$11,210.13
Repair fan coil unit, 1 ton	10	1.00 Ea.	\$385.03	\$463.10	4.5000	4	3	\$1,852.38	\$1,389.29
Replace fan coil unit, 1 ton	15	1.00 Ea.	\$1,220.61	\$1,426.76	3.0000	3	3	\$4,280.29	\$4,280.29
Replace roof mounted exhaust fan, 8500 CFM exhaust fan	20	1.00 Ea.	\$3,939.83	\$4,573.41	2.2500	2	2	\$9,146.83	\$9,146.83
Repair circulator pump, 1 H.P.	5	2.00 Ea.	\$196.72	\$232.03	9.0000	9	6	\$2,088.30	\$1,392.20
Replace circulator. pump, 1 H.P.	15	2.00 Ea.	\$11,536.96	\$13,227.58	3.0000	3	3	\$39,682.74	\$39,682.74
Repair single zone rooftop unit, 60 ton	10	2.00 Ea.	\$139,940.72	\$163,786.66	4.5000	4	3	\$655,146.64	\$491,359.98

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost
Replace single zone rooftop unit, 60 ton	15	2.00 Ea.	\$187,817.30	\$219,385.60	3.0000	3	3	\$658,156.79	\$658,156.79
Repair central station A.H.U., 5400 CFM	10	1.00 Ea.	\$827.08	\$970.82	4.5000	4	3	\$3,883.28	\$2,912.46
Replace central station A.H.U., 5400 CFM	15	1.00 Ea.	\$23,424.06	\$27,083.63	3.0000	3	3	\$81,250.90	\$81,250.90
Inspect sprinkler system	1	1.00 Ea.	\$34.33	\$42.93	45.0000	45	45	\$1,931.79	\$1,931.79
Replace sprinkler head	20	62.00 Ea.	\$5,302.41	\$6,521.75	2.2500	2	2	\$13,043.50	\$13,043.50
Rebuild double check 3" backflow preventer sprinkler system	1	1.00 Ea.	\$710.41	\$851.09	45.0000	45	45	\$38,299.22	\$38,299.22
Maintenance and repair breaker, molded case, 480 V, 2 pole	20	4.00 Ea.	\$287.05	\$359.63	2.2500	2	2	\$719.27	\$719.27
Maintenance and inspection circuit breaker, molded case, 480 V, 2 pole	0.5	4.00 Ea.	\$129.55	\$162.31	90.0000	90	90	\$14,608.10	\$14,608.10
Maintenance and repair breaker, enclosed, 240 V, 2 pole	25	8.00 Ea.	\$574.10	\$719.27	1.8000	1	1	\$719.27	\$719.27
Maintenance and inspection circuit breaker, enclosed, 240 V, 2 pole	1	8.00 Ea.	\$259.11	\$324.62	45.0000	45	45	\$14,608.10	\$14,608.10
Maintenance and repair safety switch, 3 pole safety switch, heavy duty	8	1.00 Ea.	\$40.64	\$50.92	5.6250	5	5	\$254.61	\$254.61
Maintenance and repair receptacles and plugs	20	90.00 Ea.	\$3,801.91	\$4,746.47	2.2500	2	2	\$9,492.95	\$9,492.95
Replace receptacle/plug receptacles and plugs	20	90.00 Ea.	\$6,476.00	\$7,982.70	2.2500	2	2	\$15,965.40	\$15,965.40
Repair 4-pin receptacle cover	10	4.00 Ea.	\$234.21	\$289.22	4.5000	4	4	\$1,156.90	\$1,156.90
Maintenance and repair wiring devices, switches	10	23.00 Ea.	\$971.60	\$1,212.99	4.5000	4	4	\$4,851.95	\$4,851.95
Replace wiring devices, switches	15	23.00 Ea.	\$1,503.69	\$1,868.10	3.0000	3	3	\$5,604.31	\$5,604.31
Replace fluorescent light fixture ballast, 80 W	10	48.00 Ea.	\$5,984.09	\$7,259.39	4.5000	4	4	\$29,037.55	\$29,037.55
Replace lamps (2 lamps), 4', 34 W energy saver	10	48.00 Ea.	\$1,210.27	\$1,515.79	4.5000	4	4	\$6,063.16	\$6,063.16
Replace metal halide ballast, 175 W	10	25.00 Ea.	\$3,712.11	\$4,457.52	4.5000	4	4	\$17,830.10	\$17,830.10
Replace metal halide fixture lamp, 175 W	5	25.00 Ea.	\$1,249.68	\$1,528.84	9.0000	9	9	\$13,759.57	\$13,759.57
Repair smoke detector	10	25.00 Ea.	\$1,409.69	\$1,742.85	4.5000	4	3	\$6,971.41	\$5,228.55
Check operation smoke detector	1	25.00 Ea.	\$404.86	\$507.23	45.0000	45	45	\$22,825.15	\$22,825.15
Replace smoke detector	15	25.00 Ea.	\$7,105.93	\$8,486.55	3.0000	3	3	\$25,459.64	\$25,459.64
Check and repair manual pull station	10	12.00 Ea.	\$1,052.36	\$1,293.96	4.5000	4	3	\$5,175.85	\$3,881.89
Replace manual pull station	15	12.00 Ea.	\$2,441.61	\$2,939.29	3.0000	3	3	\$8,817.88	\$8,817.88
Minor repairs to fire alarm control panel	5	1.00 Ea.	\$149.71	\$182.27	9.0000	9	9	\$1,640.47	\$1,640.47
Maintenance and inspection fire alarm control panel	0.5	1.00 Ea.	\$43.18	\$54.10	90.0000	90	90	\$4,869.37	\$4,869.37
Replace fire alarm control panel	15	1.00 Ea.	\$1,953.46	\$2,391.92	3.0000	3	3	\$7,175.76	\$7,175.76
Minor repairs to annunciation panel	5	1.00 Ea.	\$149.71	\$182.27	9.0000	9	9	\$1,640.47	\$1,640.47
Maintenance and inspection annunciation panel	0.5	1.00 Ea.	\$43.18	\$54.10	90.0000	90	90	\$4,869.37	\$4,869.37
Replace annunciation panel	15	1.00 Ea.	\$1,126.52	\$1,354.55	3.0000	3	3	\$4,063.66	\$4,063.66
Replace fire alarm bell, 6"	20	2.00 Ea.	\$389.92	\$470.55	2.2500	2	2	\$941.10	\$941.10

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 emergency lighting fixture	2	10.00 Ea.	\$546.89	\$658.76	22.5000	22	22	\$14,492.65	\$14,492.65	
Maintenance and repair exit light	20	10.00 Ea.	\$372.02	\$460.03	2.2500	2	2	\$920.06	\$920.06	
Replace lamp exit light	5	10.00 Ea.	\$168.47	\$199.63	9.0000	9	9	\$1,796.71	\$1,796.71	
			\$993,259.75	\$1,172,919.74				MR Subtotal	\$2,697,141.16	
									MR Per Year	\$59,883.35
									PM Total	\$10,169.18
									Subtotal	\$70,052.53
									Total Per Unit	\$4.49

FAC 7421 INDOOR PHYSICAL FITNESS FACILITY

SUC \$4.49

Release 2021 Qtr 3

UM SF

Zip Code Prefix 222

Design Life 45

Type PM

Average Size 15604.0

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Door, emergency egress, swinging, annualized	4.00	1.04	\$58.37	\$43.00	\$0.00	\$101.37	\$120.10	\$141.76
Fire doors, swinging, annualized	4.00	1.57	\$57.28	\$58.23	\$0.00	\$115.52	\$138.71	\$164.77
Toilet (vacuum breaker type), annualized	6.00	1.06	\$50.65	\$53.39	\$0.00	\$104.04	\$125.12	\$148.74
Lavatories, annualized	7.00	2.44	\$41.75	\$144.92	\$0.00	\$186.68	\$234.33	\$284.07
Showers, annualized	15.00	3.42	\$193.35	\$204.17	\$0.00	\$397.53	\$478.11	\$568.37
Drink fountain, annualized	3.00	1.86	\$62.18	\$93.83	\$0.00	\$156.00	\$190.37	\$227.84
Valve, check, above 4", annually	1.00	0.26	\$5.86	\$12.95	\$0.00	\$18.81	\$23.29	\$28.05
Valve, gate, above 4", annually	1.00	0.16	\$5.86	\$8.02	\$0.00	\$13.88	\$16.87	\$20.16
Water heater, steam 2500 gal., annualized	1.00	1.55	\$143.56	\$77.97	\$0.00	\$221.53	\$259.28	\$304.20
Boiler, steam, oil, gas, or comb. fired, 120 to 500 MBH, annualized	2.00	37.96	\$177.94	\$2,290.60	\$0.00	\$2,468.54	\$3,173.51	\$3,887.38
Fan coil unit, annualized	1.00	3.34	\$113.23	\$168.27	\$0.00	\$281.50	\$343.31	\$410.77
VAV Boxes, annualized	6.00	5.60	\$57.63	\$338.30	\$0.00	\$395.93	\$503.18	\$613.32
Fire dampers, annualized	4.00	4.63	\$36.60	\$278.40	\$0.00	\$314.99	\$402.17	\$491.18
Fan, axial, up to 5,000 CFM, annualized	8.00	9.95	\$93.82	\$500.41	\$0.00	\$594.23	\$753.73	\$917.93
Package unit, air cooled, 25 thru 50 ton, annually	3.00	3.64	\$324.53	\$219.37	\$0.00	\$543.90	\$642.16	\$756.65
Extinguishing system, wet pipe, annualized	1.00	11.34	\$68.24	\$678.37	\$0.00	\$746.61	\$956.95	\$1,170.70
Light, emergency, hardwired system, annualized	1.00	0.25	\$7.73	\$14.76	\$0.00	\$22.50	\$27.70	\$33.29
						\$6,683.55	\$8,388.90	\$10,169.18

FAC 7421 INDOOR PHYSICAL FITNESS FACILITY

Modeled Component List CostWorks Release 2021 Qtr 3

C30 Interior Finishes	
Maple Strip	3180.0 S.F.
Drywall	9400.0 S.F.
Concrete, Finished	6.36 C.S.F.
Rubber Tile	254.0 S.Y.
Carpet	153.0 S.Y.
Gypsum Wall Board	47.7 C.S.F.
B10 Superstructure	
Railing, Metal	14.0 L.F.
B30 Roofing	
Metal Steep Roofing	156.0 Sq.
C10 Interior Construction	
Steel Painted Interior Doors	17.0 Ea.
Aluminum Interior Doors	7.0 Ea.
Fire Doors, Swinging, annualized	4.0 Each
B20 Exterior Enclosure	
Steel Louver, 1st floor	1.0 Ea.
Aluminum Window, Fixed, 1st floor	90.0 Ea.
Aluminum Shutter	1.0 Ea.
Glazed Aluminum	2.0 Ea.
Steel, Painted	8.0 Ea.
D20 Plumbing	
Tankless Water Closet	6.0 Ea.
Lavatory, Vitreous China	7.0 Ea.
Sink, Iron Enamel	2.0 Ea.
Shower, Misc.	15.0 Ea.
Drinking Fountain	3.0 Ea.
Water Heater, Gas / Oil, 1150 GPH	1.0 Ea.
Solar Storage Tank, 1000 Gallon	1.0 Ea.
Circulation Pump, 1/6 HP	1.0 Ea.
Circulation Pump, 1/2 HP	1.0 Ea.
Drain: Roof, Scupper, Area	4.0 Ea.
D30 HVAC	
Boiler, Gas, 250 MBH	1.0 Ea.
Fan Coil, 1 ton	1.0 Ea.
Exhaust Fan, roof mounted exhaust fan, 8500 CFM exhaust	1.0 Ea.
Circulator Pump, 1 H.P.	2.0 Ea.
Single Zone Air Conditioner, 60 ton	2.0 Ea.
Central Station Air Conditioning Air Handling Unit, 5400 CFM	1.0 Ea.
VAV Box	6.0 Each
D40 Fire Protection	
Sprinkler System, Fire Suppression, sprinkler head	62.0 Ea.
Sprinkler System, Fire Suppression, 3" backflow preventer	1.0 Ea.
D50 Electrical	
Smoke Detector	25.0 Ea.
Manual Pull Station	12.0 Ea.
Fire Alarm Control Panel	1.0 Ea.
Annunciation Panel	1.0 Ea.
Fire Alarm Bell	2.0 Ea.

FAC 7421 INDOOR PHYSICAL FITNESS FACILITY
Sustainment by Year
CostWorks Release 2021 Qtr 3

