

FAC 1734 Observation & Training Tower

FY25 SUC: \$67.31 / LF

Source: Calculated using R.S. Means CostWorks 2024 Qtr 3 component prices

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Release: 2024 Qtr 3			UM: LF						
Zip Code Prefix: 222			Expected Service Life: 36		Adjusted Occurences are the occurences remaining after subtracting Repair/Replacement Overlaps. Overlap reduction removes a repair when it occurs the same year as a replacement.				
Type: MR			Model Size: 32						
Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Service Life/Frequency	Occurrences	Adjusted Occurrences	Life Cost	Adjusted Cost
Repair concrete stairs	30	16.00 S.F.	\$510.04	\$590.31	1.2000	1	1	\$590.31	\$590.31
Repair metal stairs	15	45.00 S.F.	\$3,752.80	\$4,330.93	2.4000	2	2	\$8,661.85	\$8,661.85
Refinish fire escape balcony, 2' wide	7	2.00 L.F.	\$47.90	\$57.87	5.1429	5	5	\$289.35	\$289.35
Replace steel decking	30	40.00 S.F.	\$240.15	\$279.08	1.2000	1	1	\$279.08	\$279.08
Repair 8" concrete block wall, 1st floor	25	65.00 S.F.	\$1,740.27	\$2,128.95	1.4400	1	1	\$2,128.95	\$2,128.95
Maintenance and repair motor starter, 600 V	3	1.00 Ea.	\$744.73	\$915.59	12.0000	12	12	\$10,987.08	\$10,987.08
Maintenance and repair breaker, enclosed, 240 V, 2 pole	25	4.00 Ea.	\$309.15	\$387.82	1.4400	1	1	\$387.82	\$387.82
Maintenance and repair receptacles and plugs	20	4.00 Ea.	\$183.04	\$228.70	1.8000	1	1	\$228.70	\$228.70
Replace receptacle/plug receptacles and plugs	20	4.00 Ea.	\$322.97	\$397.28	1.8000	1	1	\$397.28	\$397.28
Maintenance and repair wiring devices, switches	10	2.00 Ea.	\$91.52	\$114.35	3.6000	3	3	\$343.05	\$343.05
Replace wiring devices, switches	15	2.00 Ea.	\$139.07	\$173.17	2.4000	2	2	\$346.34	\$346.34
Replace fluorescent light fixture ballast, 80 W	10	4.00 Ea.	\$435.73	\$537.31	3.6000	3	3	\$1,611.93	\$1,611.93
Replace lamps (2 lamps) fluorescent lighting fixture, 8', 60 W energy saver	10	8.00 Ea.	\$296.52	\$359.84	3.6000	3	3	\$1,079.53	\$1,079.53
Replace fluorescent lighting fixture, strip, surface mtd, 8', two 75 W	20	2.00 Ea.	\$565.59	\$677.89	1.8000	1	1	\$677.89	\$677.89
Maintenance and repair of general wiring lightning protection system	1	0.75 M.L.F.	\$83.49	\$103.02	36.0000	36	36	\$3,708.70	\$3,708.70
Replace lightning protection general wiring system	25	0.25 M.L.F.	\$3,356.07	\$3,973.91	1.4400	1	1	\$3,973.91	\$3,973.91
Maintenance and repair lightning ground rod	1	2.00 Ea.	\$190.92	\$238.67	36.0000	36	36	\$8,591.97	\$8,591.97
Repair cable splice overhead service	12	1.60 M.L.F.	\$946.90	\$1,183.53	3.0000	3	3	\$3,550.59	\$3,550.59
Replace service cable overhead service, splice	30	1.60 M.L.F.	\$14,425.51	\$16,736.64	1.2000	1	1	\$16,736.64	\$16,736.64
			\$28,382.37	\$33,414.85					
							MR Subtotal:	\$64,570.97	
							MR Per Year:	\$1,793.64	
							PM Total:	\$360.25	
							Subtotal:	\$2,153.89	
							Total Per Unit:	\$67.31	

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Expected Service Life: 36

Model Size: 32

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Door, emergency egress, swinging, annualized	1	0.26	\$15.82	\$11.73	\$0.0000	27.56	32.66	38.55
Unit heater, gas radiant, annualized	1	1.01	\$1.73	\$54.14	\$0.0000	55.87	72.29	88.79
Panelboard, 225 A and above, annualized	1	0.44	\$25.95	\$31.37	\$0.0000	57.32	69.33	82.63
Motor control center, over 400 A, annually	1	0.39	\$25.95	\$27.89	\$0.0000	53.84	64.80	77.06
Light, emergency, hardwired system, annualized	2	0.50	\$18.16	\$31.57	\$0.0000	49.74	61.03	73.22
						\$244.33	\$300.11	\$360.25