

FAC 1321 COMMUNICATIONS FACILITY

FY24 SUC: \$918.89 / EA
Source: Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 1321 COMMUNICATIONS FACILITY

Release 2023 Qtr 4
Zip Code Prefix 222
Type MR

UM EA
Design Life 50
Average Size 1.0

SUC \$918.89

Adjusted Occurences 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
Minor repairs to concrete floor unfinished	15	16.00 S.F.	\$610.14	\$744.59	3.3333	3	3	\$2,233.77	\$2,233.77
Refinish metal hand rail	7	140.00 L.F.	\$286.49	\$353.41	7.1429	7	7	\$2,473.85	\$2,473.85
Replace steel decking	30	46.00 S.F.	\$271.60	\$315.58	1.6667	1	1	\$315.58	\$315.58
Replace fuse	25	2.00 Ea.	\$913.79	\$1,049.34	2.0000	2	2	\$2,098.68	\$2,098.68
Replace transformer 15 KVA	30	1.00 Ea.	\$3,141.43	\$3,757.40	1.6667	1	1	\$3,757.40	\$3,757.40
Replace EMT conduit, 1" diameter	50	0.22 M.L.F.	\$2,476.92	\$2,983.57	1.0000	1	1	\$2,983.57	\$2,983.57
Replace cable, non-metallic (NM) sheathed	50	0.16 M.L.F.	\$879.76	\$1,088.35	1.0000	1	1	\$1,088.35	\$1,088.35
Replace service cable	50	0.25 M.L.F.	\$989.77	\$1,196.77	1.0000	1	1	\$1,196.77	\$1,196.77
Maintenance and repair breaker, molded case, 480 V, 1 pole	20	2.00 Ea.	\$151.68	\$190.03	2.5000	2	2	\$380.07	\$380.07
Replace circuit breaker molded case, 480 V, 1 pole circuit breaker	50	2.00 Ea.	\$1,576.85	\$1,824.82	1.0000	1	1	\$1,824.82	\$1,824.82
Repair failed breaker, molded case, 600 V, 3 pole	10	1.00 Ea.	\$363.58	\$433.99	5.0000	5	5	\$2,169.95	\$2,169.95
Maintenance and repair safety switch, 3 pole safety switch, heavy duty	8	1.00 Ea.	\$42.34	\$53.05	6.2500	6	6	\$318.31	\$318.31
Maintenance and repair wiring devices, switches	10	2.00 Ea.	\$88.09	\$109.96	5.0000	5	5	\$549.82	\$549.82
Maintenance and repair quartz fixture	10	3.00 Ea.	\$173.51	\$209.09	5.0000	5	5	\$1,045.46	\$1,045.46
Maintenance and repair TV cable outlet	10	2.00 Ea.	\$108.65	\$135.68	5.0000	5	5	\$678.42	\$678.42
Maintenance and repair electrical service ground	25	0.50 M.L.F.	\$46.14	\$57.66	2.0000	2	2	\$115.32	\$115.32
Maintenance and repair special ground system	4	1.00 Ea.	\$22.69	\$28.43	12.5000	12	12	\$341.11	\$341.11
			\$12,143.44	\$14,531.73					
								MR Subtotal	\$23,571.25
								MR Per Year	\$471.42
								PM Total	\$447.47
								Subtotal	\$918.89
								Total Per Unit	\$918.89

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Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Light, emergency, hardwired system, annualized	3.00	0.75	\$26.94	\$47.32	\$0.00	\$74.26	\$91.15	\$109.39
Transformer, dry type 500 KVA and over, annually	1.00	0.77	\$13.83	\$53.61	\$0.00	\$67.44	\$84.91	\$103.07
Circuit breaker, high voltage air, annually	1.00	0.47	\$13.83	\$32.48	\$0.00	\$46.31	\$57.43	\$69.25
Cathodic protection system, annualized	1.00	1.46	\$26.08	\$83.23	\$0.00	\$109.31	\$136.89	\$165.77
						\$297.32	\$370.38	\$447.47

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Modeled Component List
CostWorks Release 2023 Qtr 4

B10 Superstructure	
Steel Decking	46.0 S.F.
D50 Electrical	
Secondary Transformer, Dry, 15 KVA	1.0 Ea.
Cable, Service	0.25 M.L.F.
Circuit Breaker, molded case, 480 V, 1 pole	2.0 Ea.
G40 Site Electrical Utilities	
Cathodic Protection, annualized	1.0 Each

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Sustainment by Year
CostWorks Release 2023 Qtr 4

