

FAC 1381 SHIP NAVIGATION FACILITY

FY24 SUC:	\$365.32 / EA
Source:	Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 1381 SHIP NAVIGATION FACILITY

Release 2023 Qtr 4

Zip Code Prefix 222

Type MR

UM EA

Design Life 50

Average Size 1.0

SUC \$365.32

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	
Maintenance and repair quartz fixture	10	0.90 Ea.	\$52.05	\$62.73	5.0000	5	5	\$313.64	\$313.64	
Replace 1500 W quartz lamp	10	0.90 Ea.	\$44.23	\$53.34	5.0000	5	5	\$266.71	\$266.71	
Replace fixture quartz	20	0.90 Ea.	\$342.76	\$411.93	2.5000	2	2	\$823.86	\$823.86	
Replace safety switch, heavy duty 100 A	25	0.90 Ea.	\$1,292.70	\$1,522.52	2.0000	2	2	\$3,045.04	\$3,045.04	
Maintenance and repair lightning ground rod	1	0.90 Ea.	\$83.05	\$103.79	50.0000	50	48	\$5,189.47	\$4,981.89	
Replace lightning ground rod	25	0.90 Ea.	\$221.04	\$273.30	2.0000	2	2	\$546.61	\$546.61	
			\$2,035.84	\$2,427.61				MR Subtotal	\$9,977.75	
									MR Per Year	\$199.55
									PM Total	\$165.77
									Subtotal	\$365.32
									Total Per Unit	\$365.32

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Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Cathodic protection system, annualized	1.00	1.46	\$26.08	\$83.23	\$0.00	\$109.31	\$136.89	\$165.77
						\$109.31	\$136.89	\$165.77

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Modeled Component List
CostWorks Release 2023 Qtr 4

D50 Electrical	
Quartz Lamp 1500 W, replace lamp	0.9 Ea.
Quartz Lamp 1500 W, replace fixture	0.9 Ea.
Safety Switch, Heavy Duty 100 A	0.9 Ea.
Lightning Ground Rod	0.9 Ea.
G40 Site Electrical Utilities	
Cathodic Protection, annualized	1.0 Each

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Sustainment by Year
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