

**FAC 8422 WATER PUMP FACILITY, POTABLE**

FY24 SUC:	\$5.43 / KG
Source:	Calculated using R.S. Means CostWorks 2023 Qtr 4 component prices

FAC 8422 WATER PUMP FACILITY, POTABLE

Release 2023 Qtr 4  
Zip Code Prefix 222  
Type MR

UM KG  
Design Life 50  
Average Size 1348.0

SUC \$5.43

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	
Replace fire pump / electric motor assembly 100 H.P.	25	1.00 Ea.	\$48,011.97	\$55,351.32	2.0000	2	2	\$110,702.65	\$110,702.65	
Maintenance and repair motor starter, 600 V	3	1.00 Ea.	\$701.17	\$863.04	16.6667	16	16	\$13,808.68	\$13,808.68	
			\$48,713.13	\$56,214.37				MR Subtotal	\$124,511.32	
									MR Per Year	\$2,490.23
									PM Total	\$4,825.37
									Subtotal	\$7,315.60
									Total Per Unit	\$5.43

FAC 8422 WATER PUMP FACILITY, POTABLE SUC \$5.43

Release 2023 Qtr 4 UM KG  
Zip Code Prefix 222 Design Life 50  
Type PM Average Size 1348.0

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Fire pump, electric motor driven, annualized	1.00	47.75	\$37.44	\$2,986.60	\$0.00	\$3,024.04	\$3,923.77	\$4,825.37
						\$3,024.04	\$3,923.77	\$4,825.37



# **FAC 8422 WATER PUMP FACILITY, POTABLE**

## **Modeled Component List**

### **CostWorks Release 2023 Qtr 4**

D40 Fire Protection

Fire Pump Electric Motor

1.0 Ea.

Fire Pump, Electric, annualized

1.0 Each

FAC 8422 WATER PUMP FACILITY, POTABLE  
Sustainment by Year  
CostWorks Release 2023 Qtr 4

