

FAC 8422 WATER PUMP FACILITY, POTABLE

FY22 SUC: \$5.13 KG

Source: Calculated using R.S. Means CostWorks 2021 Qtr 3 component prices

FAC 8422 WATER PUMP FACILITY, POTABLE

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM KG
Design Life 50
Average Size 1348.0

SUC \$5.13

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.	\$44,139.08	\$50,910.34	2.0000	2	2	\$101,820.68	\$101,820.68
Maintenance and repair motor starter, 600 V	3	1.00 Ea.	\$688.78	\$846.03	16.6667	16	16	\$13,536.56	\$13,536.56
			\$44,827.87	\$51,756.38				MR Subtotal	\$115,357.24
								MR Per Year	\$2,307.14
								PM Total	\$4,612.31
								Subtotal	\$6,919.45
								Total Per Unit	\$5.13

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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	\$53.08	\$2,841.22	\$0.00	\$2,894.30	\$3,751.98	\$4,612.31
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Modeled Component List

CostWorks Release 2021 Qtr 3

D40 Fire Protection

Fire Pump Electric Motor

1.0 Ea.

Fire Pump, Electric, annualized

1.0 Each

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Sustainment by Year
CostWorks Release 2021 Qtr 3

