

FAC 8452 WATER PUMP FACILITY, NON-POTABLE

FY22 SUC: \$4.98 KG

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

FAC 8452 WATER PUMP FACILITY, NON-POTABLE

Release 2021 Qtr 3
Zip Code Prefix 222
Type MR

UM KG
Design Life 50
Average Size 1348.0

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, up to 600 V	5	1.00 Ea.	\$279.64	\$337.60	10.0000	10	10	\$3,375.98	\$3,375.98
			\$44,418.72	\$51,247.94				MR Subtotal	\$105,196.66
								MR Per Year	\$2,103.93
								PM Total	\$4,612.31
								Subtotal	\$6,716.24
								Total Per Unit	\$4.98

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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

