



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item number: 5.T

Title:

Recommendation to Award the Bid for Water and Wastewater Treatment Chemicals

Presenter:

Tim Wilson

Meeting: Government Services Committee

Date: April 26, 2021

Proposed Cost: \$512,889

Budgeted Amount: \$525,000

Not Budgeted:

Executive Summary *(if not budgeted please explain):*

The City of St. Charles Water and Wastewater Utilities use a variety of treatment chemicals in their processes. In an effort to gain efficiency and better prices, we have combined the two Utilities treatment chemicals into a single provider.

The City received two bids for treatment chemicals on March 25th, 2019. Hawkins Inc. was the low unit cost vendor. The bid awarded was based on the City's annual average chemical usage for all of our general treatment chemicals that are used in both Water and Wastewater. The reason for unit cost bidding is the City's treatment chemical usage will vary as much as 10% annually due to weather conditions and water usage.

The original agreement was a two-year contract. Because they have performed well and have been responsive to the City's needs, the Public Works Department invited Hawkins to extend their contract for an additional year, with no price increases through FY22. This will be the third and final year of the contract extension.

Attachments *(please list):*

* Hawkins Unit Cost Sheet

Recommendation/Suggested Action *(briefly explain):*

Recommendation to Award Bid of Water and wastewater treatment chemicals unit cost to Hawkins Inc. for a one-year period beginning May 1, 2021 through April 30, 2022.

Hawkins Inc.

Chemical	Estimate Annual	per	Year 1		Year 2		Year 3	
			5/1/2019 – 4/30/2020		5/1/2020 – 4/30/2021		5/1/2021 – 4/30/2022	
			Unit cost	Extended Cost	Unit cost	Extended Cost	Unit cost	Extended Cost
Chlorine Gas	34,000	/lb.	0.4	13,600.00	0.415	14,110.00	0.415	14,110.00
Hydrofluosilicic Acid	28,000	/lb.	0.28	7,840.00	0.29	8,120.00	0.29	8,120.00
Sodium Hypochlorite	29,800	/gal.	1.12	33,376.00	1.13	33,674.00	1.13	33,674.00
Liquid Sodium Permanganate	50,000	/lb.	0.81	40,500.00	0.82	41,000.00	0.82	41,000.00
Liquid Manganese Sulfate	42,000	/lb.	0.465	19,530.00	0.485	20,370.00	0.485	20,370.00
Ferric Chloride	280,000	/gal.	1.27	355,600.00	1.39	389,200.00	1.39	389,200.00
Sulfur Dioxide	300	/lb.	0.785	235.50	0.79	237.00	0.79	237.00
Alum Sulfate	42,000	/lb.	0.1361	5,716.20	0.1379	5,791.80	0.1379	5,791.80
Aqua Hawk 375 or Equal	40	/gal.	9.67	386.80	9.67	386.80	9.67	386.80
TOTAL:				476,784.50	TOTAL:	512,889.60	TOTAL:	512,889.60