

 <p>CITY OF ST. CHARLES ILLINOIS • 1834</p>	AGENDA ITEM EXECUTIVE SUMMARY		Agenda Item number: 5.C
	Title:	Recommendation to Approve a Resolution to Award the Bid for Water and Wastewater Treatment Chemicals	
	Presenter:	Tim Wilson	
Meeting: Government Services Committee		Date: March 20, 2023	
Proposed Cost: \$365,363.39		Budgeted Amount: \$400,000	Not Budgeted: <input type="checkbox"/>
TIF District: None			
Executive Summary (if not budgeted, please explain):			
<p>The City of St. Charles Water and Wastewater Utilities use a variety of treatment chemicals in their processes. The City received four bids for treatment chemicals on March 3rd, 2023. Hawkins Inc. was the low unit cost vendor and the only provider that submitted a complete bid package. The bid awarded is 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.</p> <p>Due to the volatility in the current chemical market the proposed agreement is a one-year contract. Based on current usage there is a significant cost increase in this year’s bid results. The proposed unit cost increased across the board ranging from 20 to 122%. Dependent on actual water and wastewater usage. The proposed cost will result in a \$137,312 annual increase over the current fiscal year.</p> <p>The proposed low bidder of Hawkins has been the City provider for the last four years. They have performed well and have been responsive to the City’s needs. At this time, staff recommends awarding the contract to Hawkins Chemical.</p>			
Attachments (please list):			
<ul style="list-style-type: none"> • Hawkins Inc. Unit Cost Sheet 			
Recommendation/Suggested Action (briefly explain):			
<p>Recommendation to Approve a Resolution to Award Bid of Water and Wastewater Treatment Chemicals unit cost to Hawkins Inc. for a one-year period beginning May 1, 2023 through April 30, 2024.</p>			

Budget Projections

Chemical Name	Budget Account	FY 22 & 23 Ave Usage	FY 23 Rate	Projected FY 23 Expense	Proposed FY24 Rate	Projected FY 24 Expense	Unit Increase	% Increase
Chlorine Gas - Water	Water	25,980	\$ 1.15	\$ 29,877.00	\$ 1.400	\$ 36,372.00	\$ 0.25	22%
Chlorine Gas - Wastewater	Wastewater	2,250	\$ 1.15	\$ 2,587.50	\$ 1.400	\$ 3,150.00	\$ 0.25	22%
Hydrofluosilicic Acid	Water	14,748	\$ 0.35	\$ 5,161.80	\$ 0.470	\$ 6,931.56	\$ 0.12	34%
Sodium Hypochlorite	Water	19,260	\$ 1.59	\$ 30,623.40	\$ 3.210	\$ 61,824.60	\$ 1.62	102%
Liquid Sodium Permanganate	Water	17,938	\$ 1.00	\$ 17,938.00	\$ 1.62	\$ 29,059.56	\$ 0.62	62%
Liquid Manganese Sulfate	Water	17,169	\$ 0.81	\$ 13,906.89	\$ 1.80	\$ 30,904.20	\$ 0.99	122%
Ferric Chloride	Wastewater	64,991	\$ 1.73	\$ 112,681.40	\$ 2.73	\$ 177,126.47	\$ 0.99	57%
Sulfur Dioxide	Wastewater	300	\$ 0.8647	\$ 259.41	\$ 1.3500	\$ 405.00	\$ 0.49	56%
Alum Sulfate	Wastewater	98,000	\$ 0.1433	\$ 14,043.40	\$ 0.188	\$ 18,424.00	\$ 0.04	31%
Aqua Hawk 375 or Equal	Water	100	\$ 9.72	\$ 972.00	\$ 11.66	\$ 1,166.00	\$ 1.94	20%

Total	\$ 228,050.80	Total:	\$ 365,363.39
Water Budget	\$ 98,479.09		\$ 166,257.92
Wastewater Budget	\$ 129,571.71		\$ 199,105.47
		FY Increase	\$ 137,312.60