

**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: 6.x

Title:

Recommendation to Award the Bid for Water and Wastewater Treatment Chemicals

Presenter:

Tim Wilson

Meeting: Government Services Committee

Date: April 22, 2019

Proposed Cost: \$475,784.50

Budgeted Amount: \$500,000

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 25<sup>th</sup>, 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.

Bid proposals also included an option for a second year contract. The option will be exercised at the sole discretion of the City and approval of the fiscal budget and contractor performance. The second year award will increase by an estimated \$36,100 dependent on actual water and wastewater usage.

**Attachments** (*please list*):

\* Bid Tabulation

**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, 2019 through April 30, 2020, and to authorize staff to exercise the optional second year period beginning May1, 2020 through April 30, 2021 based on 2020-2021 budget approval and contractor performance.



## Bid Tab

### Water & Wastewater Treatment Chemicals #1027

			Viking Chemical Company				Hawkins Inc.			
			Year 1		Year 2		Year 1		Year 2	
			5/1/2019 – 4/30/2020		5/1/2020 – 4/30/2021		5/1/2019 – 4/30/2020		5/1/2020 – 4/30/2021	
Chemical	Estimate Annual	per	Unit cost	Extended Cost	Unit cost	Extended Cost	Unit cost	Extended Cost	Unit cost	Extended Cost
Chlorine Gas	34,000	/lb.	0.35	11,900.00	0.35	11,900.00	0.4	13,600.00	0.415	14,110.00
Hydrofluosilicic Acid	28,000	/lb.	0.29	8,120.00	0.29	8,120.00	0.28	7,840.00	0.29	8,120.00
Sodium Hypochlorite	29,800	/gal.	1.08	32,184.00	1.08	32,184.00	1.12	33,376.00	1.13	33,674.00
Liquid Sodium Permanganate	50,000	/lb.	0.895	44,750.00	0.895	44,750.00	0.81	40,500.00	0.82	41,000.00
Liquid Manganese Sulfate	42,000	/lb.	0.45	18,900.00	0.45	18,900.00	0.465	19,530.00	0.485	20,370.00
Ferric Chloride	280,000	/gal.	1.334	373,520.00		No Bid	1.27	355,600.00	1.39	389,200.00
Sulfur Dioxide	300	/lb.	0.98	294.00	0.98	294.00	0.785	235.50	0.79	237.00
Alum Sulfate	42,000	/lb.	0.135	5,670.00	0.135	5,670.00	0.1361	5,716.20	0.1379	5,791.80
Aqua Hawk 375 or Equal	40	/gal.	8.3	332.00	8.3	332.00	9.67	386.80	9.67	386.80
TOTAL:				495,670.00	TOTAL:	Incomplete Bid	TOTAL:	476,784.50	TOTAL:	512,889.60

Three (3) hour (minimum) annual onsite safety training session: Included in price.

Note: Viking Chemical made a math error on Year #1 Sodium Hypochlorite