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TO: Chris Shaw, Utilities Director
 FROM: Kristy Veldman, Admin Support Specialist
 DATE: December 4, 2019
 RE: 2020-2021 Joint Chemical Consortium Quotation Awards

The Request for Quote (RFQ) process for 2020-2021 treatment chemicals used amongst the Appleton Water Facility (AWTF), the Appleton Wastewater Treatment Plant (AWWTP), the Neenah Water Utility (NWU), and the Menasha Water Utility (MWU) was completed in October. A joint chemical consortium RFQ was completed in an effort to achieve more competitive quotes. Below are the recommended chemical quote awards. The low quoters have been notified to provide product beginning January 1, 2020.

2020-2021 Joint Chemical Consortium Quotation Awards

Chemical	Company	2020 Cost Per LB	2019 Cost @ AWTF	2019 Cost @ AWWTP	2019 Cost @ NWU
Aqua Ammonia	Brenntag Great Lakes Hawkins	\$0.28 MWU \$0.28 AWTF	\$0.244	NA	NA
Carbon Dioxide	Airgas USA LLC	\$0.049 NWU \$0.049 AWTF	\$0.0495	NA	\$0.0495
Ferric Chloride	Kemira Water	\$0.112 AWTP	NA	\$0.098	NA
Ferric Sulfate	Kemira Water	\$0.126 NWU \$0.126 AWTF	\$0.089	NA	\$0.089
Fluoride (Hydrofluorosilic Acid)	Hawkins Alexander Chemical	\$0.28 NWU \$0.191 AWTF	\$0.255	NA	\$2130.43
Lime (Calcium Hydroxide)	Graymont Lime	\$0.080 NWU \$0.078 AWTF	\$0.077	NA	\$0.079
Hydrochloric Acid	Milport Brenntag Great Lakes	\$1.65 AWTF \$0.26 AWWTP	\$1.65	\$0.35	NA
Potassium Permanganate	Carus Corporation Hawkins	\$1.84 MWU \$3.0450 AWTF	\$2.9948	NA	NA
Powder Activated Carbon	Jacobi Carbon Jacob Carbon Donau Carbon	\$0.59 NWU \$0.59 AWTF \$0.436 MWU	\$0.545	NA	\$0.545
Sodium Bisulfite	Hydrite Chemical	\$0.15 AWWTP	NA	\$0.15	NA
Sodium Hypochlorite	Milport	\$0.0853 MWU \$0.0853 NWU \$0.0853 AWTF \$0.0853 AWWTP	\$0.0897	\$0.0897	\$0.0897
Clarifloc C-308P	Polydyne	\$0.74 MWU	NA	NA	NA
Soda Ash	Univar	\$0.1790 MWU	NA	NA	NA
Sodium Silicate	Milport	\$0.1500 MWU	NA	NA	NA
Aluminum Sulfate	Chemtrade Chemicals	\$265.00/ton MWU	NA	NA	NA

*Due to MWU being new to the consortium, prior years costs are not known.

Quotes were solicited from 66 vendors for 15 treatment chemicals. These chemicals are used by some or all of the four facilities. All but one of the quotes were received as price per pound of product as delivered. One quote, for aluminum sulfate, was received as price per ton. The term of the quotes is for the calendar years of 2020 and 2021.

The process meets the requirements of the City of Appleton Purchasing Policy and successfully provided the lowest costs available for all the chemicals.