



AGENDA MEMORANDUM

Action Item for the City Council Meeting June 11, 2024

DATE: May 21, 2024

TO: Peter Zaroni, City Manager

FROM: Nicholas Winkelmann, P.E., Interim Director of Water Systems and Support Services
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Supply Agreement for 25% Sodium Chlorite Solution

CAPTION:

Motion authorizing execution of a one-year supply agreement, with two one-year options, with Evoqua Water Technologies LLC, of Sarasota, Florida, in an amount not to exceed \$914,000.00, with a potential up to \$2,742,000.00 if options are exercised, for sodium chlorite solution for Corpus Christi Water, with FY 2024 funding of \$380,833.30 from the Water Fund.

SUMMARY:

This motion authorizes a one-year supply agreement, with two one-year options, for 25% sodium chlorite solution for the O. N. Stevens Water Treatment Plant.

BACKGROUND AND FINDINGS:

Sodium chlorite solution is a chemical used for the generation of chlorine dioxide at the O.N. Stevens Water Treatment Plant. This chemical helps to oxidize organic matter in the water through the generation of chlorine dioxide. This chemical also introduces chlorite into the water to aid in the prevention of nitrification for the distribution system.

PROCUREMENT DETAIL:

Finance & Procurement conducted a competitive Request for Bids process to obtain bids. The City received two responsive responsible bids and staff is recommending the award to Evoqua Water Technologies LLC.

The table below reflects Evoqua Water Technologies LLC cost comparison from 2022 to 2024.

25% Sodium Chlorite			
2022 Pricing Evoqua Water Technologies	2024 Pricing Evoqua Water Technologies	Variance \$\$	Variance %
\$0.48	\$.052	\$. 04	8.3%

ALTERNATIVES:

There is no feasible alternative. If chlorite is removed from the water treatment system, then the potential for a nitrification event increases. This will result in a failure to protect the public from harmful conditions in the water and will result in regulatory noncompliance violations with the Environmental Protection Agency and the Texas Commission on Environmental Quality.

FISCAL IMPACT:

The fiscal impact for Corpus Christi Water in FY 2024 is \$380,833.30 from the Water fund. The remaining cost will be budgeted in future years through the annual budget process.

FUNDING DETAIL:

Fund: 4010 Water Fund
 Organization/Activity: 31010 O.N. Stevens Water Treatment Plant
 Department: 45 Water
 Project # (CIP Only): N/A
 Accounts: 520010 Purification Chemicals

RECOMMENDATION:

Staff recommends approval of this motion authorizing a one-year supply agreement, with two one-year options, with Evoqua Water Technologies, LLC. as presented.

LIST OF SUPPORTING DOCUMENTS:

Bid Tabulation
 Supply Agreement