



AGENDA MEMORANDUM

Action Item for the City Council Meeting April 8, 2025

DATE: April 8, 2025

TO: Peter Zanoni, City Manager

FROM: Nicholas Winkelmann, P.E., Director of Water Systems and Support Services
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Liquid Chlorine One-Ton Cylinders for O.N. Stevens Water Treatment Plant

CAPTION:

Resolution authorizing a one-year supply agreement with two one-year option periods with PVS DX, Inc., of Corpus Christi, Texas, for the purchase of liquid chlorine in one-ton cylinders for O.N. Stevens Water Treatment Plant, in an amount of \$167,100.00, with a potential amount of \$501,300.00 if all option periods are exercised, with FY 2025 funding of \$97,475.00 from the Water Fund.

SUMMARY:

This resolution authorizes a one-year supply agreement with two one-year option periods with PVS DX, Inc. for liquid chlorine in one-ton cylinders for the O. N. Stevens Water Treatment Plant.

BACKGROUND AND FINDINGS:

Chlorine is the disinfectant used in the treatment process to produce potable (drinking) water.

Liquid chlorine (provided in one-ton cylinders) is a supplemental delivery supply when the primary supply system (i.e. 90-ton railcars) is unavailable. The cylinders are delivered via truck to the water treatment plant.

Liquid chlorine is vital to operations and any interruption in supply could adversely impact our ability to produce treated water. PVS DX, Inc. (formerly DPC Industries) has supplied liquid chlorine to the City of Corpus Christi since 2010.

PROCUREMENT DETAIL:

Chlorine is a necessary for the disinfection of potable (drinking) water. Procurement staff believes that it is the best interest of the City’s residents to enter into an agreement with PVS DX, Inc., to avoid any interruption in the City’s supply of liquid chlorine one-ton cylinders in accordance with Local Government Code, Section 252.022(a)(2), as this purchase is necessary to preserve or protect the public health or safety of the City’s residents.

The comparison table below shows current agreement versus recommended agreement pricing for liquid chlorine one-ton cylinders and cylinder rental.

Description	2022 Unit Price	2025 Unit Price	Variance
Liquid Chlorine – One-ton Cylinders	\$2,500.00	\$2,635.00	\$135 per ton
Cylinder Rental	\$75.00	\$75.00	.00

ALTERNATIVES:

The alternative is to not purchase one-ton cylinders and only rely on the use of the liquid chlorine from railcars, but if there is an emergency and a railcar cannot be used or delivered, we run the risk of not having liquid chlorine for treatment of potable drinking water.

FISCAL IMPACT:

The fiscal impact for Corpus Christi Water in FY 2025 is \$97,475.00 if cylinders are needed.

FUNDING DETAIL:

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

RECOMMENDATION:

Staff recommends approval of this resolution authorizing a supply agreement as presented.

LIST OF SUPPORTING DOCUMENTS:

Resolution
Supply Agreement