



Legislation Text

File #: 22-4700, **Version:** 1

Resolution - A Resolution Awarding a Contract for the Purchase of Three Chemical Storage Tanks for the Bud Ervin Water Treatment Plant to Macaulay Controls Company for an Amount not to Exceed \$222,198.38 (Utility Fund)

Consider the resolution authorizing funds for an amount not to exceed Two Hundred Twenty-Two Thousand One Hundred Ninety-Eight Dollars and Thirty-Eight Cents \$222,198.38 and approval of a contract with Macauley Controls for the Three Chemical Storage Tanks at The Bud Ervin Water Treatment Plant.

Staff recommends approval

The Three tanks that are being replaced are the Hydrochloric Acid, Hydrogen Peroxide, and the Sodium Hypochlorite. Hydrochloric Acid is used to create Chlorine Dioxide, which Oxidizes Metals. Hydrogen Peroxide is used for the UV Advanced Oxidation Process, eliminating bacteria from the water. Sodium Hypochlorite is used to conduct the Clean in Place Process (CIP), which cleans the Membrane Modules.

The Hydrogen Peroxide and the Sodium Hypochlorite tanks have active leaks, and will be replaced with two high density polyethylene tanks. The fiberglass has failed and continues to deteriorate. The current tank that holds the Hydrochloric Acid was repurposed to hold the chemical. This contract replaces the Hydrochloric Acid tank with a new Fiberglass Tank rated for the chemical

Utility Operations Fund

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