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City of Loganville

Public Utilities
Brandon Phillips
Director

P.O. Box 39
Loganville, GA 30052

Tel: 770-466-3240

Staff Report Department of Public Utilities

To: Honorable Mayor Baliles and Members of the City Council

Through: Danny Roberts, City Manager

From: Brandon Phillips, Director of Utilities

Date: September 14, 2023

Subject: Bar Screen

RECOMMENDATION:

Staff recommends the City Council approve the replacement of the influent bar screen at the Water Quality Control Treatment Facility.

FISCAL IMPLICATION:

The Utility Department is requesting approval for Rehab Construction Company to install a new JWC bar screen at the treatment facility. This is a budgeted item totaling \$350,000.00.

We received three quotes, and decided to go with JWC because of the past relationship and the good customer service history with the recent treatment plant expansion project. Also, their contractor (Rehab Construction) has technicians in the area if we have any issues. The Hydro-Dyne bar screen was quoted at \$405,000.00 which was over budget, and we were unfamiliar with the construction company being used for the install. The Or-Tec bar screen quote was \$330,000.00, and with this product being manufactured overseas, we had concerns with customer service and parts availability delays.

BACKGROUND:

The Barfield bar screen is 25 years old and original to the facility. We have had issues with this bar screen, and the issues have become more frequent in recent years. It is extremely difficult to find parts due to very few of these still being in service.

The bar screen is part of the preliminary filtration process that removes larger debris solids from the wastewater before sending the flow with finer particles to the headworks for further filtration and treatment.