



AGENDA MEMORANDUM

Action Item for the City Council Meeting May 23, 2023

DATE: May 23, 2023

TO: Peter Zaroni, City Manager

FROM: Michael Murphy, Chief Operations Officer for Water Utilities
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Broadway Wastewater Treatment Plant SCADA Upgrade

CAPTION:

Resolution authorizing an eight-month service agreement with Andritz Separation, Inc., of Alpharetta, Georgia, with an office in Arlington, Texas, for \$111,371.00 to upgrade the SCADA centrifuge system for the Broadway Wastewater Treatment Plant, with FY 2023 funding from the Wastewater Fund.

SUMMARY:

This resolution authorizes a service agreement with ANDRITZ Separation Inc. for the upgrade of three Wastewater Supervisory Control and Data Acquisition (SCADA) centrifuge machines.

BACKGROUND AND FINDINGS:

The Broadway Wastewater Treatment Plant has 3 SCADA centrifuge machine control systems. The SCADA centrifuge machine control system is one of the most critical pieces of equipment in the wastewater treatment process for separating solids. The 3 SCADA centrifuge machine control systems have reached the end of life.

Andritz Separation Inc. is the original manufacturer of the 3 SCADA centrifuge machine control systems located at the Broadway Wastewater Treatment Plant and is the sole source supplier.

PROCUREMENT DETAIL:

This is a sole source procurement. A statutory exception for this procurement is Texas Local Government Code, 252.022(a)(7)(A) available from only one source due to copyrights, secret processes, or patents. ANDRITZ Separation Inc., is an original equipment manufacturer (OEM) of Centrifuge Systems equipment and holds the sole rights and ownership.

ALTERNATIVES:

The alternative would be to not upgrade the SCADA System and keep using the old SCADA System that is unreliable and usually takes months to repair. Choosing not to upgrade the SCADA centrifuge control system puts the Broadway Wastewater Treatment Plant in a vulnerable position that can cause extensive damage to the plant and may involve fines from TCEQ.

FISCAL IMPACT:

The Fiscal Impact in FY 2023 for CCW-Wastewater Division is \$111,371.00.

FUNDING DETAIL:

Amount:	\$111,371.00
Fund:	4258 – Wastewater CIP
Organization/Activity:	18082A4258EXP
Project # (CIP Only):	18082A - WW Treatment Plants & Lift Station SCADA
Account:	550040

RECOMMENDATION:

City staff recommend approving the resolution as presented.

LIST OF SUPPORTING DOCUMENTS:

Service Agreement
Price Sheet