



TO: Crystal Feast, Finance Director
Wanda Roop, Procurement Manager

FROM: Connie Barron, Assistant City Manager *CB*
Jeff Pearson, Utilities Director

DATE: January 6, 2026

SUBJECT: Aqua-Aerobic Systems, Inc. - Sole Source

Background

The Everest Water Reclamation facility is equipped with four Aqua-Aerobic Systems, Inc. AquaABF® traveling bridge filters. These filters provide a final water treatment process required for removal of total suspended solids prior to disinfection to meet our FDEP Domestic Wastewater Facility Permit requirements for public access reuse. The filters are comprised of replaceable filter media and porous ceramic plates. A lifespan of 15 to 20 years between filter media replacement and rehabilitation is typical. Two of the traveling bridge filters were installed in 1990 and two were installed in 2006 when the Everest facility was expanded.

In 2011, the two filters installed in 1990 were rehabilitated with sand and anthracite filter media. The ceramic plate underdrains were replaced by Utilities staff. Based on the age and condition of all four traveling bridge filters, replacement of the media and ceramic plate underdrains is required. Aqua-Aerobic Systems Inc. is the only company that provides the proprietary parts and equipment needed to perform this work.

Recommendation

Staff recommends execution of a sole source purchase authorization with Aqua-Aerobic Systems, Inc. for rehabilitation of four AquaABF® traveling bridge filters in the not-to-exceed amount of \$2,000,000.

Funding Availability

Funds are budgeted and available in Fiscal Year 2026 in Tyler Operating G/L Account No. 405-36401-562601-36-70-536060-536060-000-000 – Automatic Backwash Filter.

Should you have any questions please let me know.

Attachments: (1) Aqua-Aerobic Systems, Inc. Sole Source Form 20260105
(2) Aqua-Aerobic Systems, Inc. Sole Source Declaration 20251223

C: Matt Astorino, Acting Water Reclamation Manager
Dominic Spears, Utilities Maintenance Supervisor
Rob Tracy, Chief Operator