



# City Council Report

**Date:** April 21, 2025  
**To:** City Council  
**Through:** Michael Kennington, Deputy City Manager/Chief Financial Officer  
**From:** Edward Quedens, Business Services Director  
Kristy Garcia, Procurement Administrator  
**Subject:** Purchase of One Filtration Media and Installation Services for the Southeast Water Reclamation Plant (Replacement) for the Water Resources Department (Sole Source) **(Citywide)**

## Recommendation

Council is requested to approve the award as recommended.

The Water Resources Department and Procurement Services recommend awarding the contract to the sole source vendor, SH Engineering & MFG, LLC. at \$600,000, based on estimated requirements.

## Background / Discussion

This purchase is to replace the existing filter basin underdrain system at the Southeast Water Reclamation Plant with a new filtration media. The replacement of the filter basin underdrains is necessary to ensure optimal performance and compliance with operational standards and regulatory permits.

A Filter Basin Underdrain is a critical component in the filtration process at a water reclamation plant. The underdrain system collects filtered water that has passed through the filter media, ensuring that only clean water moves forward in the treatment process. During maintenance, the underdrain facilitates backwashing, which involves reversing the flow of water to clean the filter media. This process removes trapped particles and restores the filter's efficiency. SH Engineering & MFG, LLC is the authorized installing contractor/provider for this region.

## Purchase Information

Action: Award  
Procurement Type: Sole Source  
Contract Number: 2025169  
Local Consideration: Policy did not apply to this procurement method  
Protests Received: None  
Funding Source: Wastewater Enterprise Operating and Maintenance fund