

Staff Report

TO: Board of Directors

FROM: Chip Close, Director of Water Operations
Shad Chittock, Treated Water Superintendent

DATE: September 2, 2026

SUBJECT: Filter Refurbishment and Media Replacement – North Auburn
Water Treatment Plant (Consent)

WATER OPERATIONS

RECOMMENDATION:

Award the Filter Refurbishment and Media Replacement Project at the North Auburn Water Treatment Plant to ERS Industrial Services, Inc. in the amount of \$299,730.00 and authorize the General Manager to execute the appropriate documents.

BACKGROUND:

All Nevada Irrigation District (District) water treatment plants are equipped with water filtration media designed to capture particles and pollutants to ensure the delivery of safe, high-quality drinking water. Over time, this filtration media gradually loses its efficiency and effectiveness, necessitating periodic removal and replacement. The last time the filters at the North Auburn Water Treatment Plant (North Auburn WTP) were repacked was in May 2007. NID staff regularly collect samples of this media for analysis by third-party laboratories to assess its condition and determine when replacement is necessary. This process is integral to our operations and maintenance budget planning.

Based on previous year's findings, the Operations Department allocated funds in the 2026 Budget for a project to repair and replace the filter media and components, including the surface coating of the concrete unit that holds the filter media at the North Auburn WTP. The concrete filter walls have experienced spalling and deterioration over the years. This project will place a layer of epoxy coating over the damaged concrete and protected from further damage and erosion. This project is crucial to ensuring the ongoing efficiency and effectiveness of the plant's water filtration system.

The North Auburn WTP operates with two (2) 342-foot gravity filters. Currently, one (1) of these filters needs media replacement and wall coating, with the other filter ready for refurbishment next year. This process entails removing the existing media, sand, and gravel from the filters using a large vacuum truck, coating the inside of the gravity filter, and replacing new material in accordance with the plant's design specifications. The District elected to phase the media replacement over two (2) years by refurbishing one filter per year. This approach allows the District to address the necessary media replacement while maintaining necessary minimum plant flows and spreading financial impact.

BUDGETARY IMPACT:

The Operations Department solicited proposals from six (6) vendors for the project. Only two (2) vendors submitted proposals that included the full scope of the project, outlined in the RFP. Goble Sampson submitted a bid; however, they were unable to fulfill the project's surface recoating requirement as they are not equipped to perform epoxy coating work. Ryan Process indicated that they were unable to provide the service. Kleen Industrial Services and Roberts Filter Group did not provide a response by the RFP deadline. See results below.

Filter Rehab and Media Supply and Installation – N. Auburn Water Treatment Plant	
Vendor	Total Proposal Amount:
ERS Industrial Services, Inc.	\$299,730.00
MISCOWater	\$397,297.50
Goble Sampson	Unable to Perform Full Scope
Ryan Process	Declined Project
Kleen Industrial Services	No Response
Roberts Filter Group	No Response

After a thorough review of each proposal, Staff selected ERS Industrial Services, Inc. for the project.

The Operations Department allocated \$300,000 in the 2026 budget under Contractor Fees (101300-52615) for filter repair and media replacement. The total proposal from ERS Industrial Services, Inc. was \$299,730.00, which is \$270.00 less than the allocated budget.

Attachments (0): None