

# City of Hesperia

## STAFF REPORT



**DATE:** November 19, 2024

**TO:** Mayor and City Council Members  
Chair and Board Members, Hesperia Water District

**FROM:** Rachel Molina, City Manager

**BY:** Cassandra Sanchez, Director of Public Works / City Engineer  
Robert Worby, Fleet / Warehouse Supervisor

**SUBJECT:** American Rescue Plan Act (ARPA) Grant Equipment Procurement – Eight Chlorinators

---

### RECOMMENDED ACTION

It is recommended that the City Council and Board of Directors of the Hesperia Water District authorize the City Manager to enter into an agreement with Doane and Hartwig Water Systems for the purchase of eight (8) chlorine analyzers in the not-to-exceed amount of \$63,664.

### BACKGROUND

These chlorine analyzers are for each of the District's stations that have reservoirs and three additional well sites. Per the State Water Resources Control Board (SWRCB), water systems must maintain at least 0.2 parts per million of chlorine throughout all parts of its service area. The chlorine analyzers will be integrated into the City's supervisory control and data acquisition (SCADA) program, allowing staff to monitor chlorine dosages remotely and alert them should the dosage amount need to be reduced or increased.

The chlorine analyzers measure free chlorine continuously for real time process control and do not require reagents, eliminating the need for routine reagent replacement and waste stream management. Chlorine analyzers not only save water but also significantly reduce costs. Operators can assess free chlorine, pH, temperature, conductivity, and oxidation-reduction potential (ORP). In addition, staff can be assigned to other critical tasks with no waste stream to manage.

### ISSUES/ANALYSIS

Hesperia Public Works released Request for Bid (RFB) 2024-25-015 for eight (8) chlorine analyzers on October 16, 2024, soliciting bids from three (3) vendors. The bid closed on October 29, 2024, with two vendors responding. Staff recommends awarding the bid to Doane and Hartwig Water Systems who have been deemed the lowest responsive/responsible vendor with a total bid amount of \$63,664.

The City has identified available American Rescue Plan Act (ARPA) Grant funds that are an eligible funding source for the chlorinators.

### CITY GOAL

Public Safety: Ensure public safety resources adequately protect our community.

Financial Health: Maintain a balanced budget and adequate reserves.

**FISCAL IMPACT**

ARPA Grant funding in the amount of \$63,664 has been identified for the proposed purchase of eight (8) chlorine analyzers. If approved, an amendment to the FY 2024-25 Budget will be presented at the Mid-Year Budget Review to appropriate the necessary funds.

**ALTERNATIVE(S)**

1. Provide alternative direction to staff.

**ATTACHMENT(S)**

None