



Long Beach Water

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1800 E. Wardlow Road, Long Beach, CA 90807-4931
562.570.2300 | lbwater.org

Board of Water Commissioners

September 1, 2022

CHRISTOPHER J. GARNER, General Manager

Subject

Authorize the General Manager to amend the existing contract with ERS Industrial Services Inc., for filter repair services, increasing the contract amount by \$128,000 for a total amount not to exceed \$549,459.

Executive Summary

On February 17, 2022, the Board of Water Commissioners authorized the General Manager to enter into a contract with ERS Industrial Services Inc., to provide professional services for Filter #3 inspection, repair, and media replacement work, in an amount not to exceed \$421,459. While the filter has two cells, the scope of work was limited to the east cell as preliminary investigation identified that the east cell lost over 50% of its filter media while media loss was not observed in the west cell.

During the inspection work, it was discovered that the failure of Filter #3 east cell was due to gradual wear and erosion of the grouting and seals after 25 years in service. The filter cell was repaired based on the inspection report recommendations. Since the failure was due to gradual erosion over time, staff were concerned that the other filter cells may experience similar failure, so ERS was given directive to perform inspection of the adjacent west cell, which was within the original authorization. The inspection revealed that the west cell had similar wear, although less severe compared to the east cell. Because both cells (east and west) share a common header, to eliminate the risk of further wear in common structure, it is recommended that the west cell be repaired under this current contract.

Recommendation

Authorize the General Manager to amend the existing contract with ERS Industrial Services Inc., for filter repair services, increasing the contract amount by \$128,000 for a total amount not to exceed \$549,459.

Fiscal Impact: The total not-to-exceed amount for FY 22 Water Fund will be \$549,459. This emergency repair cost was not budgeted in FY 22. These additional costs can be absorbed within existing Water Fund appropriation.

Tai Tseng
Assistant General Manager - Operations

Christopher J. Garner
General Manager