

Council Agenda Bill

AB Number

AB25-085

Agenda Bill Information

Title*

Kimball Creek Lift Station Change Order and Project Update

Action*

Motion

Council Agenda Section

Committee Report

Council Meeting Date*

09/22/2025

Staff Member

Andrew Vining

Department*

Public Works

Committee

Parks and Public Works

Committee Date

09/16/2025

Exhibits

Packet Attachments - if any

Pease and Sons_Change Order 3.pdf

397.27KB

Figure_Flow Pattern to the WRF.pdf

68.76KB

Summary

Introduction*

Brief summary.

The Kimball Creek Lift Station Improvements will replace aging electrical gear and provide more efficient operations at the WRF. The improvements are 90 percent complete and the lift station is operational. During construction necessary out-of-scope services were identified and are presented in Change Order No. 3.

Proposed Motion

Move to approve Change Order No. 3 with Pease and Sons, Inc.

Background/Overview*

What was done (legislative history, previous actions, ability to hyperlink)

The Kimball Creek Lift Station is the largest lift station in the City and is located at the bottom of Snoqualmie Parkway. The lift station houses three pumps which convey all wastewater from Downtown and Snoqualmie Ridge directly to the WRF headworks. Originally constructed in 1997, the lift

station consisted of two pumps and associated electrical gear. In 2012 a third pump was installed for added redundancy. All three pumps are equal size and far exceed the projected 2040 peak flow conditions.

As a result, during periods of low flow conditions the lift station creates excessive flow cycling and spikes at the WRF which results in treatment inefficiency and excessive wear on equipment.

This project will replace one of the three pumps with a smaller baseflow pump operated on a variable frequency drive (VFD) to smooth out the flow to the WRF. This project will also upgrade the original 1997 electrical gear with modern controls to allow for the WRF to communicate directly to the lift station. These improvements will increase efficiency throughout the WRF.

The Kimball Creek Lift Station Improvements were advertised to contractors for bidding on November 14th, 2022. Four bids were received, and the lowest bid was from Pease & Sons, Inc. for \$1,229,046 including tax. A construction contract with Pease & Sons, Inc. for the Kimball Creek Lift Station Improvements (a part of WRF Phase 3) was approved on January 9th, 2023 under [Resolution No.1633, Agenda Bill AB23-001](#).

Due to long lead time on electrical gear and wet weather flow restrictions the project did not begin construction until summer 2025 and is currently on schedule for completion in fall 2025.

Analysis*

Construction of the Kimball Creek Lift Station Improvements has successfully upgraded the pumping, electrical, and controls systems at the City's largest lift station. Careful planning and communication allowed for the lift station to be shutdown and bypassed by the contractor for 50 days while crews replaced pumping systems and overhauled electrical gear. During construction a series of minor changes were necessitated and are summarized in Exhibit 1, Change Order No. 3. The largest of these changes represented additional structural demolition of the wet well. Other changes include replacement of large electrical conductors and piping associated with the major retrofit project. Cost savings include elimination of antenna installation determined unnecessary for the project.

This final change order will increase the construction contract by \$85,552, bringing the total of WRF Phase 3 construction changes to approximately 2% of the total construction costs.

Budgetary Status*

This is an extra-budget expenditure.

Budget Summary

Administration recommends approving an amendment to the contract with Pease and Sons, Inc. in the amount of \$85,552 to continue work on the Kimball Creek Lift Station, part of the larger Water Reclamation Facility Phase

3 project. The City incorporated this project into the 2025-2030 Capital Improvement Plan (CIP) and the continuing project appropriations established in Ordinance 1296 (Utilities Capital Fund #417) for a total of \$16,990,359.

Currently \$16,306,306 has been spent to date, with \$646,401 encumbered for contracts within the project, and \$42,080 in estimated City employee labor remaining, leaving the project over budget by \$4,429. If the proposed contract is approved, the project would be over budget by \$89,981.

If Council approves this contract amendment, Administration would propose reducing the budget within the Utility Main & Drainage System Replacement Program. The 2025-26 Biennial Budget appropriation for this program is currently \$3,540,078. Nothing has been spent during 2025 for this program, and if a reduction is approved, the remaining budget would be \$3,450,097. If approved, Administration anticipates bringing these proposed budget amendments forward in November of 2025 as part of the mid-biennial review.

Fiscal Impact

Amount of Expenditure	Amount Budgeted	Appropriation Requested
\$85,552.00	\$16,990,359.00	\$89,981.00

Fiscal Impact Screenshot

Water Reclamation Facility Phase III

	Life-of-Project Budget (Multiple Bienniums)
Beginning Budget	\$ 16,990,359
Expenditures	\$ (16,306,306)
Outstanding Contract Value (Previously approved)	\$ (646,401)
Estimated Labor Value for Remainder of Biennium (City Employees)	\$ (42,080)
Current Available Budget	\$ (4,429)
Value of this Contract Amendment (AB25-085)	\$ (85,552)
Available Budget after AB25-085	\$ (89,981)