

Council Agenda Bill

AB Number

AB25-034

Agenda Bill Information

Title*

Water Reclamation Facility Phase 3 Improvements
Project Update and Contract Change Order No. 2

Action*

Motion

Council Agenda Section

Committee Report

Council Meeting Date*

02/24/2025

Staff Member

Andrew Vining

Department*

Public Works

Committee

Parks and Public Works

Committee Date

02/19/2025

Exhibits

Packet Attachments - if any

Change Order 2.pdf	4.6MB
WRF Phase 3 Aerial Overview.pdf	283.88KB

Summary

Introduction*

Brief summary.

WRF Phase 3 Improvements will increase sewer treatment capacity, enhance performance, and replace critical components that are nearing the end of their expected service life. Project construction is substantially complete and remains on schedule for final acceptance in Spring 2025. During the construction of the solids handling facility improvements necessary out-scope-services were identified and are presented in Change Order 2.

Proposed Motion

Approve Change Order No. 2 with Prospect Construction

Background/Overview*

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

The 2021 General Sewer Plan (GSP) identified the need to begin the planning process and increase the WRF capacity. The WRF Phase 3 Improvements will upgrade aging components with new more efficient equipment sized to handle future sewer flows and loads projected through the year 2040.

In May 2022, during WRF Phase 3 preliminary design, the City entered into an agreement with the Snoqualmie Tribe for the provision of added sewer utility service related to Casino expansion scheduled to soft start in fourth quarter 2024. The agreement included General Facility Charges (GFCs) as well as project schedule milestones to ensure that commercially reasonable and best efforts are made such that added sewer utility services will be available for the casino opening.

The construction contract for the Water Reclamation Facility (WRF) Phase 3 Improvements was approved on June 18, 2023 under Agenda Bill AB23-078. Project construction at the WRF began in September 2023. Change Order No. 1 was approved on June 24th, 2024 under Agenda Bill AB24-076 in the amount of \$99,520.

Construction has progressed ahead of schedule such that the City's obligations identified in this agreement have been met and final acceptance is expected to occur during Spring 2025.

Analysis*

Construction of the WRF Phase 3 Improvements are ahead of schedule and nearly complete with no major changes. Noteworthy milestones include completion of a new blower building, retrofit of both oxidation ditches, new headworks screen and grit system, and a new aeration system at the solids handling facility. During the second half of construction minor changes were necessitated and are summarized in Exhibit 1, Change Order 2. The largest of these changes represents new stainless steel air gap piping needed to protect the existing blowers at the solids handling facility. Other changes include a temporary pumping system to adequately empty digester 2 and an innovative mixing system to eliminate solids accumulation. This final change order will increase the construction contract by \$59,998 or approximately 0.5% percent of the total construction costs.

Budgetary Status*

Funds have already been authorized in this year's budget.

Fiscal Impact

Amount of Expenditure	Amount Budgeted	Appropriation Requested
\$59,998.00	\$16,990,359.00	\$0.00

Budget Summary

Administration recommends approving a change order to the contract with Prospect Construction in the amount of \$59,998 for WRF Phase 3. This project was incorporated in the 2025-26 Biennial Budget (Ord. 1296) as a part of the continuing appropriations for capital projects within the Utility Capital Fund (#417). Over the life of this project, \$15,475,729 has been spent, \$1,073,346 has been encumbered for previously-approved contracts, and \$63,121 has been encumbered for estimated City employee labor. With the addition of the Prospect Construction change order of \$59,998, the project has a remaining life-of-project available budget of \$318,166. Therefore, sufficient appropriation exists within the WRF Phase 3 budget (#417) to fund this change order.

Fiscal Impact Screenshot

WRF Phase III

	Life-of-Project Budget	
	<i>(Multiple Bienniums)</i>	
Beginning Budget	\$	16,990,359
Expenditures	\$	(15,475,729)
Outstanding Contract Value <i>(Previously approved)</i>	\$	(1,073,346)
Estimated Labor Value for Remainder of Biennium (City Employees)	\$	(63,121)
Current Available Budget	\$	378,164
Value of this Contract Amendment <i>(AB25-034)</i>	\$	(59,998)
Available Budget after AB25-034	\$	318,166