



STAFF REPORT

AGENDA NO: 9g

MEETING DATE: December 1, 2025

To: Honorable Mayor and City Council

Date: December 1, 2025

**From: Syed Murtuza, Director of Public Works – (650) 558-7230
Mahesh Yedluri, Senior Civil Engineer – (650) 558-7230**

Subject: Adoption of Resolutions Awarding a \$2,639,780 Construction Contract to Corcus Construction, Inc. for the Wastewater Treatment Facility Headworks Concrete Channel Improvements, City Project No. 86830, and Authorizing the City Manager to Execute the Contract; and Approving a \$397,323 Professional Services Agreement with Carollo Engineers for Construction Administration and Engineering Support Services During Construction and Authorizing the City Manager to execute the Agreement

RECOMMENDATION

Staff recommends that the City Council adopt the attached resolutions as follows:

- (1) Award a construction contract to Corcus Construction, Inc. for the Wastewater Treatment Facility Headworks Concrete Channel Improvements, City Project No. 86830, in the amount of \$2,639,780, and authorize the City Manager to execute the contract; and
- (2) Approve a professional services agreement with Carollo Engineers, Inc. (Carollo) in the amount of \$397,323 for construction administration and engineering support services during construction and authorize the City Manager to execute the same.

BACKGROUND

This project will repair the headworks channel at the City's Wastewater Treatment Facility. The channel directs incoming sewage to the treatment process, and portions of its concrete structure have deteriorated to the point of exposing reinforcing steel. If left unaddressed, this deterioration could compromise the structural integrity of the headworks channel.

The project includes concrete rehabilitation and coating repairs of the Headworks Facility; replacement of various isolation gates and plates; replacement of a primary effluent plug valve and flanged coupling adapter; installation and removal of a temporary bypass pumping and screening system to divert raw sewage around the Headworks Facility; and all appurtenant work necessary to return the rehabilitated Headworks Facility back to full and reliable operation.

DISCUSSION

Construction Contract

The project was publicly advertised for bids on October 14, 2025. Bid proposals were opened on November 10, 2025, resulting in seven submissions with base bids ranging from \$2,639,780 to \$3,764,400. Corcus Construction, Inc. submitted the lowest responsible bid at \$2,639,780, which is 12% below the engineer's estimate of approximately \$3,000,000.

Staff has carefully reviewed Corcus Construction's proposal and confirmed that it satisfies all project requirements. Moreover, Corcus Construction has a proven track record of successfully completing similar work for the City and other neighboring public agencies.

Professional Services Agreement

Due to the complexity of the project and the need for detailed coordination with the City's Wastewater Treatment Facility operator, Veolia, City staff will oversee the construction management services including coordination with the contractor and engineer, schedule monitoring, and compliance tracking. Veolia will provide operational and logistical support during the construction of the project.

Carollo Engineers was selected as the most qualified firm to provide construction engineering support and construction management and administration services due to their extensive experience with similar projects. The firm's deep knowledge of construction methods, combined with its successful performance on past City projects, including the design of this project and the Wastewater Treatment Facility Process Piping Improvements, demonstrates its strong capabilities. Carollo also brings substantial experience supporting construction administration for wastewater treatment facilities throughout the state, further confirming its suitability for this work.

City staff has negotiated a scope of professional services with Carollo Engineers for comprehensive construction administration and engineering support services in the amount of \$397,323.

The engineering support services during construction include the following tasks:

- Project administration and engineering support;
- Preconstruction meeting coordination and construction progress meetings;
- Respond to contractor RFI's;
- Review of shop drawings and submittals;
- Provide design clarifications;
- Provide special inspections;
- Perform final inspection; and
- Prepare record drawings.

The construction administration and management services include the following tasks:

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- Document existing site conditions;
 - Conduct construction progress meetings;
 - Administer construction documents tracking systems;
 - Prepare field memos and clarifications;
 - Review monthly progress payment requests;
 - Review construction schedule and updates;
 - Monitor contractor's compliance with the contract documents;
 - Perform coating inspection of the rehabilitated channels;
 - Perform material testing of subgrade materials for PE valve replacement; and
 - Conduct final inspection.

The professional services fee represents approximately 15% of the estimated construction cost. This level of effort is consistent with industry standards for projects of this scope and complexity, particularly those that require comprehensive engineering support during construction, detailed construction administration and inspection services, and careful coordination of bypass pumping activities. The fee also reflects the high degree of collaboration needed between operations, design staff, and the construction team.

Because the Headworks Facility must remain fully operational during the winter months, and the work is strongly recommended to be performed during the dry season to minimize disruption of treatment processes, bypass pumping, and to avoid major risks, construction is tentatively scheduled to begin in summer 2026 and will be limited to the summer months. Additionally, several project components, including the isolation gates, have long manufacturing and delivery lead times. As a result, the Notice to Proceed will be issued in late December 2025 or early January 2026 to give the contractor adequate time to procure long-lead materials before construction begins. Barring any delays, construction is expected to be completed by September 2026.

FISCAL IMPACT

Estimated Project Expenditures

The following are the estimated construction related expenditures for the project:

Construction Contract	\$2,639,780
Construction Administration & Engineering Support Services	\$397,323
Construction Contingency (15%)	\$455,565
Staff Time	\$75,000
Total	\$3,567,668

Funding Availability

There are adequate funds available in the Sewer Capital Improvement Program to complete the project.

Exhibits:

- Resolution Awarding Construction Contract

- Resolution Approving Professional Services Agreement
- Bid Summary
- Construction Contract
- Professional Services Agreement
- Project Location Map