



Folsom City Council Staff Report

MEETING DATE:	8/25/2020
AGENDA SECTION:	Consent Calendar
SUBJECT:	Resolution No. 10512 - A Resolution Authorizing the City Manager to Execute Amendment No. 1 to the Agreement (Contract No. 173-21 18-035) with West Yost & Associates, Inc. for Design of the Greenback Sewer and Lift Station Improvements Project
FROM:	Environmental and Water Resources Department

RECOMMENDATION / CITY COUNCIL ACTION

The Environmental and Water Resources Department recommends the City Council pass and adopt Resolution No. 10512 - A Resolution Authorizing the City Manager to Execute Amendment No. 1 to the Agreement (Contract No. 173-21 18-035) with West Yost & Associates, Inc. for Design of the Greenback Sewer and Lift Station Improvements Project.

BACKGROUND / ISSUE

The Environmental and Water Resources Department identifies sewer infrastructure rehabilitation and replacement projects through sewer master plans and ongoing sewer condition assessment programs. As a condition of the City's State permit for its wastewater collection system, the Environmental and Water Resources Department is required to perform ongoing condition assessments on the wastewater system and correct any defects/deficiencies identified through this process. Through these efforts, City staff identified the Greenback Sewer and Lift Station as needing rehabilitation or replacement.

On July 24, 2018 City Council approved Resolution No. 10158 with West Yost & Associates Inc. for design of the Greenback Sewer and Lift Station Improvements Project in the amount of \$392,186. The original design intent was to rehabilitate the existing Pump Station 3. Pre-design services included evaluation of current flow data into the pump station and the design

criteria and major components for the proposed pump station such as design flows and pressures, pump selection, wet well operating levels, and other pump station operational criteria. Design services included preparing specifications and engineering drawings related to new pumps, wet well rehabilitation, upgrades to the mechanical equipment, incorporation of a magnetic flow meter, structural modifications, replacement of electrical and instrumentation facilities and site improvements.

During the 50% design process, City staff discovered existing sewer infrastructure in Greenback Lane that was installed as part of the American River Bridge Project construction in 2000. City staff conducted additional field investigations and determined that the sewer infrastructure would allow the City to re-direct all sewer flows from Pump Station 3 over to Pump Station 2 with only minor modifications to the existing sewer system. West Yost & Associates, Inc. used the field information collected from the City and confirmed that the new alternative was viable.

The new alternative will increase the efficiency of Pump Station 2 while decommissioning Pump Station 3 as an active pump station. For potential emergency and operational purposes, the City will purchase and install a new trailer mounted portable bypass pump at the Pump Station 3 facility. The portable bypass pump and existing ancillary equipment associated with Pump Station 3 will serve as a backup to Pump Station 2 in the event that Pump Station 2 needs to be taken out of service.

This proposed project alternative requires additional design work by West Yost & Associates, Inc. The proposed alternative should provide more efficient operation of the City's sewer system, increase operational flexibility for the City's wastewater staff, and will save the City an estimated \$1,000,000 in construction costs.

POLICY / RULE

In accordance with Chapter 2.36 of the Folsom Municipal Code, supplies, equipment, services, and construction with a value of \$62,014 or greater shall be awarded by City Council.

ANALYSIS

Amendment No. 1 includes the following tasks to complete the design:

- Project Management
- Prepare Design Documents
 - Pump Performance Testing
 - Required to correctly size the portable bypass pump
 - Electrical Gear Inspection
 - Determine reliability of existing electrical equipment for backup operation compared to everyday use
 - Prepare Design Drawings and Project Specifications
 - Virtual Design Review Meetings

- Surveying
- Environmental Review
- Design of Site Grading and Physical Security
 - Design of Site Grading, Paving and Fencing or Block Wall
 - Property Acquisition Support

This resolution will authorize the City Manager to execute Amendment No. 1 to the Agreement (Contract No. 173-21 18-035) with West Yost & Associates, Inc. for design of the Greenback Sewer and Lift Station Improvements Project. Amendment No. 1 will be in the amount of \$95,978 and the new contract amount, including Amendment No. 1 is \$488,164.

FISCAL IMPACT

The Greenback Sewer and Lift Station Project was included in the FY 2020-21 Capital Improvement Plan with a - total project budget of \$2,653,786. Sufficient funds are available in the Wastewater Operating Fund (Fund 530) for this amendment.

ENVIRONMENTAL REVIEW

An initial review of the project indicates that the project likely qualifies for a “replacement or reconstruction” exemption under CEQA Section 15301 (h). West Yost & Associates, Inc. will review all technical reports, develop the project description, and prepare the Notice of Exemption Form (NOE) from Appendix E of the CEQA Guidelines. In the event that any findings require additional CEQA work or analysis beyond the work required for the NOE, this will be brought back to City Council for consideration and approval.

ATTACHMENT

Resolution No. 10512 - A Resolution Authorizing the City Manager to Execute Amendment No. 1 to the Agreement (Contract No. 173-21 18-035) with West Yost & Associates, Inc. for Design of the Greenback Sewer and Lift Station Improvements Project

Submitted,

Marcus Yasutake, Director
ENVIRONMENTAL AND WATER RESOURCES DEPARTMENT

RESOLUTION NO. 10512

A RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE AMENDMENT NO. 1 TO THE AGREEMENT (CONTRACT NO. 173-21 18-035) WITH WEST YOST & ASSOCIATES, INC. FOR DESIGN OF THE GREENBACK SEWER AND LIFT STATION IMPROVEMENTS PROJECT

WHEREAS, the City is currently implementing its Sanitary Sewer System Management Plan (SSMP) which consists of condition assessment, as well as operation and system improvements; and

WHEREAS, the City is continuing to update its State Waste Discharge Requirements Order; and

WHEREAS, the City has identified this project as a priority to maintain integrity and operation of the sanitary sewer collection system; and

WHEREAS, West Yost & Associates, Inc. by reason of their past experience and abilities for performing these types of services, are qualified to perform the required engineering services for the project; and

WHEREAS, the Greenback Sewer and Lift Station Improvement Project was included in the FY 2020-21 Capital Improvement Plan; and

WHEREAS, sufficient funds are budgeted and available in the Wastewater Operating Fund (Fund 530) in the amount of \$95,978 for this amendment; and

WHEREAS, the agreement will be in a form acceptable to the City Attorney:

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Folsom authorizes the City Manager to execute Amendment No. 1 to the Agreement (Contract No. 173-21 18-035) with West Yost & Associates, Inc. for design of the Greenback Sewer and Lift Station Improvements Project. Amendment No. 1 will be in the amount of \$95,978 and the new total contract amount, including Amendment No. 1 is \$488,164

PASSED AND ADOPTED this 25th day of August 2020, by the following roll-call vote:

AYES: Council Member(s):
NOES: Council Member(s):
ABSENT: Council Member(s):
ABSTAIN: Council Member(s):

Sarah Aquino, MAYOR

ATTEST:

Christa Freemantle, CITY CLERK