



Folsom City Council Staff Report

MEETING DATE:	2/27/2024
AGENDA SECTION:	Consent Calendar
SUBJECT:	Resolution No. 11169 – A Resolution Authorizing the City Manager to Execute Amendment No. 1 to the Agreement (Contract No. 173-21 23-017) with Water Works Engineers, LLC for Design and Engineering Services During Construction for the Basin 4 Phase 2 Sewer Rehabilitation Project and the Water System Rehabilitation Project No. 4 and Appropriation of Funds
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. 11169 – A Resolution Authorizing the City Manager to Execute Amendment No. 1 to the Agreement (Contract No. 173-21 23-017) with Water Works Engineers, LLC for Design and Engineering Services During Construction for the Basin 4 Phase 2 Sewer Rehabilitation Project and the Water System Rehabilitation Project No. 4 and Appropriation of Funds.

BACKGROUND / ISSUE

The Environmental and Water Resources (EWR) 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 EWR Department is required to perform ongoing condition assessments on the wastewater system and correct any defects/deficiencies identified through this process. Through these efforts, EWR staff identified the Basin 4 Phase 2 Sewer Rehabilitation Project as a priority project.

The Basin 4 Phase 2 Sewer Rehabilitation Project consists of rehabilitating and replacing approximately 8,145 lineal feet of sanitary sewer pipeline, approximately 37 manholes, and the reconnection of approximately 132 sanitary sewer laterals along multiple streets within the

Historic District including Leidesdorff Street, Canal Street, Sutter Street and Figueroa Street Alley, Figueroa Street, Figueroa Street and Mormon Street Alley, Mormon Street and Natoma Street Alley, and Persifer Street and Dean Way Alley. This Project was originally approved by City Council on April 11, 2023 through Resolution No. 11020.

The existing sewer mainline on Leidesdorff Street is currently located in residential front yards with limited access. The goal of the Basin 4 Phase 2 Sewer Rehabilitation Project is to relocate the sewer mainline within the roadway of Leidesdorff Street to allow for better access for maintenance, repair, and condition assessment. During the 60% design phase, an unforeseen conflict with the existing water main on Leidesdorff Street prohibited the sewer main from being relocated within the roadway while maintaining separation requirements between water and sewer as required by the State Water Resources Control Board Division of Drinking Water. This conflict was confirmed through pothole investigation by identifying the existing water main alignment as well as other existing utilities within Leidesdorff Street. In order to provide for the required separation between the water main and the new sewer main alignment within the roadway, it was determined that the best design option would be to relocate the existing water main on Leidesdorff Street as part of the Water System Rehabilitation Project No. 4.

In addition, EWR Staff also evaluated other areas in need of water rehabilitation that were in the same street locations as the Basin 4 Phase 2 Sewer Rehabilitation Project. Staff identified these additional water rehabilitation areas through the Water Master Plan and the ongoing water condition assessment program. Combining water and sewer in these locations will help with project cost efficiency in design and construction as well as minimize impacts to the affected residents. The Water System Rehabilitation Project No. 4 includes Leidesdorff Street, Canal Street, a portion of Sibley Street between Mormon Street and Figueroa Street as well as miscellaneous water appurtenance work within the area of Orange Grove Way.

This resolution will authorize the City Manager to execute Amendment No. 1 to the Agreement (Contract No. 173-21 23-017) with Water Works Engineers, LLC for design and engineering services during construction for the Basin 4 Phase 2 Sewer Rehabilitation Project and the Water System Rehabilitation Project No. 4 and appropriation of funds for a new not-to-exceed amount of \$90,855 for the Basin 4 Phase 2 Sewer Rehabilitation Project and a new not-to-exceed amount of \$62,385 for the Water System Rehabilitation Project No. 4.

POLICY / RULE

In accordance with Chapter 2.36 of the Folsom Municipal Code, supplies, equipment, services, and construction with a value of \$73,209 or greater shall be awarded by City Council.

ANALYSIS

In October 2018, the EWR Department completed a pre-qualification process for consultants for design and engineering services during construction for water and wastewater projects. The consulting firm Water Works Engineers, LLC was one of the firms selected to provide these services for this type of project through this pre-qualification process. In February 2023, after the City requested proposals from consultants to provide design and engineering services during

construction for the Basin 4 Phase 2 Sewer Rehabilitation Project, Water Works Engineers, LLC was selected based on their project understanding, project team staffing, recent relevant project experience, and project costs. Water Works Engineers, LLC is currently providing design and engineering services during construction for the Basin 4 Phase 2 Sewer Rehabilitation Project.

For the Basin 4 Phase 2 Sewer Rehabilitation Project, Water Works Engineers, LLC will provide additional pre-design services and additional 60% design work. EWR staff requests Water Works Engineers, LLC to provide additional services for the Water System Rehabilitation Project No. 4 including pre-design services, design phase services, bid phase services, and construction phase services. The following describes the additional services that Water Works Engineers, LLC will be performing:

- Basin 4 Phase 2 Sewer Rehabilitation Project
 - o Additional Pre-Design Services:
 - Additional pre-design services to determine the best approach for rehabilitation of existing sewer main due to waterline alignment conflicts.
 - o Additional 60% Design Work:
 - Additional design work associated with 60% design plans due to waterline conflicts.

- Water System Rehabilitation Project No. 4
 - o Pre-Design Services:
 - Determine approach for verifying abandoned connections on Orange Grove Way.
 - Determine best design approach for rehabilitation of existing water mains.
 - o Design Phase Services:
 - Design plans for 60%, 90%, and 100% design for water related work will be incorporated with the sewer work in to one cohesive set.
 - Compile the project manual and bid documents.
 - o Bid Phase Services:
 - Assist the City with the pre-bid meeting and any required addenda to the bid documents.
 - o Construction Phase Services:
 - Assist the City with weekly construction meetings and project coordination.
 - Review of Submittals and Requests for Information (RFI's).
 - Prepare design changes.
 - Provide equipment startup and testing services.
 - Prepare the conformed to construction record drawings.

This resolution will authorize the City Manager to execute Amendment No. 1 to the Agreement (Contract No. 173-21 23-017) with Water Works Engineers, LLC for Design and Engineering Services During Construction for the Basin 4 Phase 2 Sewer Rehabilitation Project and the Water System Rehabilitation Project No. 4 and Appropriation of Funds for a new not-to-exceed amount of \$90,855 for the Basin 4 Phase 2 Sewer Rehabilitation Project and a new not-to-exceed amount of \$62,385 for the Water System Rehabilitation Project No. 4.

FINANCIAL IMPACT

The City Council approved Resolution No. 11020 at the April 11, 2023 City Council meeting authorizing the City Manager to execute an agreement with Water Works, LLC for design and engineering services during construction for the Basin 4 Phase 2 Sewer Rehabilitation project (WW2302) for a total amount not to exceed \$280,438.

The Environmental and Water Resources Department is requesting that an amendment be executed with Water Works Engineers, LLC for \$153,240 for a new contract total amount not-to-exceed \$433,678.

\$90,855 of the amendment total is requested for additional pre-design and design work for the Basin 4 Phase 2 Sewer Rehabilitation Project (WW2302). This Project is included in the Capital Improvement Plan with a Fiscal Year 2023-2024 total project budget of \$2,643,980. Sufficient funds are budgeted and available in the Sewer Operating Fund (Fund 530) for the cost of the amendment.

\$62,385 of the amendment total is requested for design and engineering services during construction for The Water System Rehabilitation Project No. 4. This project was not included in the Fiscal Year 2023-2024 Capital Improvement Program Budget. Staff is requesting an appropriation of \$62,385 in the Water Operating Fund (Fund 520). Sufficient funds are currently available in the Water Operating Fund (Fund 520) for the cost of the amendment.

The EWR Department recommends approving Amendment No. 1 to the agreement with Water Works Engineers, LLC for \$90,855 for the Basin 4 Phase 2 Sewer Rehabilitation Project (WW2302) and \$62,385 for the Water System Rehabilitation Project No. 4 for a total amendment amount of \$153,240 and a new contract total amount not-to-exceed \$433,678.

ENVIRONMENTAL REVIEW

This project is replacement and/or improvement of existing infrastructure with negligible or no expansion of use and therefore is categorically exempt from environmental review under the California Environmental Quality Act as noted in Title 14 – California Code of Regulations, Chapter 3 – Guidelines for Implementation of the California Environmental Quality Act, Article 19 – Categorical Exemptions, Sections 15301 (Existing Facilities), 15302 (Replacement or Reconstruction), and/or 15304 (Minor Alterations to Land).

ATTACHMENT

Resolution No. 11169 – A Resolution Authorizing the City Manager to Execute Amendment No. 1 to the Agreement (Contract No. 173-21 23-017) with Water Works Engineers, LLC for Design and Engineering Services During Construction for the Basin 4 Phase 2 Sewer Rehabilitation Project and the Water System Rehabilitation Project No. 4 and Appropriation of Funds

Submitted,

Marcus Yasutake, Director
ENVIRONMENTAL AND WATER RESOURCES DEPARTMENT

RESOLUTION NO. 11169

A RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE AMENDMENT NO. 1 TO THE AGREEMENT (CONTRACT NO. 173-21 23-017) WITH WATER WORKS ENGINEERS, LLC FOR DESIGN AND ENGINEERING SERVICES DURING CONSTRUCTION FOR THE BASIN 4 PHASE 2 SEWER REHABILITATION PROJECT AND THE WATER SYSTEM REHABILITATION PROJECT NO. 4 AND APPROPRIATION OF FUNDS

WHEREAS, the City of Folsom has identified these projects as a priority to maintain the integrity and operation of the sanitary sewer collection system and the water distribution system; and

WHEREAS, the infrastructure improvements identified in the Basin 4 Phase 2 Sewer Rehabilitation Project to enhance the City's sanitary sewer collection system include rehabilitating and replacing sanitary sewer pipeline, manholes, and reconnection of sanitary sewer laterals on Leidesdorff Street, Canal Street, Sutter Street and Figueroa Street Alley, Figueroa Street, Figueroa Street and Mormon Street Alley, Mormon Street and Natoma Street Alley, and Persifer Street and Dean Way Alley; and

WHEREAS, the Water System Rehabilitation Project No. 4 will be combined with the Basin 4 Phase 2 Sewer Rehabilitation Project due to unforeseen conflict with an existing utility that was confirmed during the 60% design phase; and

WHEREAS, the infrastructure improvements identified in the Water System Rehabilitation Project No. 4 to enhance the City's water distribution system include rehabilitating and replacing water mainlines on Leidesdorff Street, Canal Street, a portion of Sibley Street between Mormon Street and Figueroa Street as well as miscellaneous water appurtenance work within the area of Orange Grove Way; and

WHEREAS, Water Works Engineers, LLC by reason of their knowledge and familiarity with the project, understanding of the background and requirements of the project, and qualifications and experience of the project team, are qualified to perform the design and construction administration services; and

WHEREAS, the Basin 4 Phase 2 Sewer Rehabilitation Project (WW2302) is included in the FY 2023-24 Capital Improvement Plan with a total project budget within the Sewer Operating Fund (Fund 530) of \$2,643,980; and

WHEREAS, sufficient funds are budgeted and available in the Sewer Operating Fund (Fund 530) in the amount of \$90,855; and

WHEREAS, the Water System Rehabilitation Project No. 4 is not included in the Fiscal Year 2023-2024 Capital Improvement Program Budget for design and engineering services during construction; and

WHEREAS, Staff is requesting an appropriation of funds in the amount of \$62,385 in the Water Operating Fund (Fund 520); and

WHEREAS, sufficient funds are currently available in the Water Operating Fund (Fund 520) for the appropriation; and

WHEREAS, The City Council approved Resolution No. 11020 at the April 11, 2023 City Council meeting authorizing the City Manager to execute an agreement with Water Works, LLC for design and engineering services during construction for the Basin 4 Phase 2 Sewer Rehabilitation project (WW2302) for a total amount not to exceed \$280,438; and

WHEREAS, the EWR Department recommends approving Amendment No. 1 to the agreement with Water Works Engineers, LLC for \$90,855 for the Basin 4 Phase 2 Sewer Rehabilitation Project and \$62,385 for the Water System Rehabilitation Project No. 4 for a total amount of \$153,240, and a new contract total amount not-to-exceed \$433,678; 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 23-017) with Water Works Engineers, LLC for Design and Engineering Services During Construction for the Basin 4 Phase 2 Sewer Rehabilitation Project (WW2302) and the Water System Rehabilitation Project No. 4 for \$153,240, and a new contract total not-to-exceed amount of \$433,678.

BE IT FURTHER RESOLVED that the Finance Director is authorized to appropriate \$62,385 for the amendment. The appropriation will be from the Water Operating Fund (Fund 520).

PASSED AND ADOPTED this 27th day of February, 2024, by the following roll-call vote:

AYES: Councilmember(s):
NOES: Councilmember(s):
ABSENT: Councilmember(s):
ABSTAIN: Councilmember(s):

Michael D. Kozlowski, MAYOR

ATTEST:

Christa Freemantle, CITY CLERK

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and minimize paper use.*



CITY OF
FOLSOM
DISTINCTIVE BY NATURE