



Folsom City Council Staff Report

MEETING DATE:	6/28/2022
AGENDA SECTION:	Consent Calendar
SUBJECT:	Resolution No. 10879 - A Resolution Authorizing the City Manager to Execute Amendment No. 1 to the Agreement (Contract No. 173-21 20-032) with HydroScience Engineers, Inc. for Design Services for the Ashland Water Rehabilitation Project No. 2
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. 10879 – A Resolution Authorizing the City Manager to Execute Amendment No. 1 to the Agreement (Contract No. 173-21 20-032) with HydroScience Engineers, Inc. for Design Services for the Ashland Water Rehabilitation Project No. 2.

BACKGROUND / ISSUE

The Environmental and Water Resources (EWR) Department identifies water infrastructure rehabilitation and replacement projects through water master plans, ongoing water condition assessment programs, and regulatory changes. Through these efforts, portions of the water system have been identified as needing rehabilitation or replacement in order to improve the water distribution system reliability. EWR staff identified the Ashland Water Rehabilitation Project No. 2 as a priority project.

This project involves the abandonment of an existing water main in Baldwin Dam Road that has reached the end of its serviceable life and transferring all existing water services from the older water main to a newer parallel water main also located in Baldwin Dam Road. The project also involves re-connecting all branch waterlines, water services, and fire hydrants to the parallel active water main, and demolition of an existing decommissioned booster pump station.

This resolution will authorize the City Manager to execute Amendment No. 1 to the Agreement (Contract No. 173-21 20-032) with HydroScience Engineers, Inc. for Design Services for the Ashland Water Rehabilitation Project No. 2 for a not-to-exceed amount of \$78,030.

POLICY / RULE

In accordance with Chapter 2.36 of the Folsom Municipal Code, supplies, equipment, services, and construction with a value of \$66,141 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 construction administration services for water and wastewater projects. The consulting firm HydroScience Engineers, Inc. was one of the firms selected to provide these services for this type of project through this pre-qualification process. HydroScience Engineers, Inc. is currently providing engineering design and bid phase support services for this project. HydroScience Engineers, Inc. was determined to provide the best value to the City based on their knowledge and familiarity with the project, understanding of the background and requirements of the project, and qualifications and experience of the project team.

Services recommended to be provided by HydroScience Engineers, Inc. include additional design services and construction administration services for the Ashland Water Rehabilitation Project No. 2. The following describes the additional engineering design services and construction administration services that HydroScience Engineers, Inc. will be performing:

- Additional Engineering Design Services:
 - Extended design phase duration (compared to the assumptions used in developing the original contract scope of work);
 - Additional site visits to coordinate unanticipated changes during the design phase encountered in the field;
 - One additional water main tie-in at 7635 Baldwin Dam Road for a future road/easement to back of property;
 - Additional arborist coordination than originally anticipated;
 - Additional review and coordination regarding the Water Service Outage Maps than originally anticipated;
 - City requested change to thrust restraint approach after the 90% design.
- Construction Administration – Engineering Services During Construction Services:
 - Attend the on-site pre-construction meeting and site inspection visits;
 - Coordinate activities during construction including Requests for Information (RFI) and submittal reviews;
 - Respond to RFI's;
 - Review technical submittals;

- Redesign either a water main tie-in, fire hydrant, or service lateral upon request (up to 4) of the City;
- Review and provide recommendations on proposed changes to the contract (change orders);
- Prepare record drawings to reflect the as-built project conditions;
- Participate in the final inspection and development of the punch lists as required by the City.

This resolution will authorize the City Manager to execute Amendment No. 1 to the Agreement (Contract No. 173-21 20-032) with HydroScience Engineers, Inc. for Design Services for the Ashland Water Rehabilitation Project No. 2 for a not-to-exceed amount of \$78,030.

FINANCIAL IMPACT

The Ashland Water Rehabilitation Project No. 2 is included in the Capital Improvement Plan with a FY 2021-2022 total project budget of \$1,662,299. Sufficient funds are available in the Water Operating Fund (Fund 520) for Amendment No. 1. The Environmental and Water Resources Department recommends that the amendment be executed with HydroScience Engineers, Inc. for \$78,030, for a total contract amount of \$303,329.

ENVIRONMENTAL REVIEW

A review previously performed by HydroScience Engineers, Inc. found that this project is replacement and/or reconstruction 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, 15302(c) (Replacement or Reconstruction).

ATTACHMENT

Resolution No. 10879 – A Resolution Authorizing the City Manager to Execute Amendment No. 1 to the Agreement (Contract No. 173-21 20-032) with HydroScience Engineers, Inc. for Design Services for the Ashland Water Rehabilitation Project No. 2

Submitted,

Marcus Yasutake, Director
ENVIRONMENTAL AND WATER RESOURCES DEPARTMENT

RESOLUTION NO. 10879

A RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE AMENDMENT NO. 1 TO THE AGREEMENT (CONTRACT NO. 173-21 20-032) WITH HYDROSCIENCE ENGINEERS, INC. FOR DESIGN SERVICES FOR THE ASHLAND WATER REHABILITATION PROJECT NO. 2

WHEREAS, the City has identified this project as a priority to maintain integrity and operation of the water distribution system; and

WHEREAS, the infrastructure improvements identified to enhance the City's water distribution system includes transferring existing water services from a water main that has reached the end of its serviceable life to a newer parallel water main, re-connecting all branch waterlines, water services, and fire hydrants to the parallel active water main, and demolition of an existing decommissioned booster pump station; and

WHEREAS, HydroScience Engineers, Inc. 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 required additional engineering design services and construction administration; and

WHEREAS, the Ashland Water Rehabilitation Project No. 2 was included in the FY 2021-22 Capital Improvement Plan; and

WHEREAS, sufficient funds are budgeted and available in the Water Operating Fund (Fund 520); 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 20-032) with HydroScience Engineers, Inc. for Design Services for the Ashland Water Rehabilitation Project No. 2 for a not-to-exceed amount of \$78,030 and a total contract amount of \$303,329.

PASSED AND ADOPTED this 28th day of June 2022, by the following roll-call vote:

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

Kerri M. Howell, MAYOR

ATTEST:

Christa Freemantle, CITY CLERK

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