



# Folsom City Council Staff Report

<b>MEETING DATE:</b>	7/13/2021
<b>AGENDA SECTION:</b>	Consent Calendar
<b>SUBJECT:</b>	Resolution No. 10662 - A Resolution Authorizing the City Manager to Execute Amendment No. 1 to the Agreement (Contract No. 173-21 20-031) with HydroScience Engineers, Inc. for Design Services for the Ashland Water Rehabilitation Project No. 1
<b>FROM:</b>	Environmental and Water Resources Department

## **RECOMMENDATION / CITY COUNCIL ACTION**

The Environmental and Water Resources Department recommends the City Council pass and adopt Resolution No. 10662 - A Resolution Authorizing the City Manager to Execute Amendment No. 1 to the Agreement (Contract No. 173-21 20-031) with HydroScience Engineers, Inc. for Design Services for the Ashland Water Rehabilitation Project No. 1.

## **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.

In July 2020, through Resolution No. 10495, City Council authorized an agreement with HydroScience Engineers, Inc. to provide design services for the Ashland Water Rehabilitation Project No. 1. The agreement with HydroScience Engineers, Inc. covered design services, including development of plans and specifications for the rehabilitation of an existing water transmission pipeline, Supervisory Control and Data Acquisition (SCADA) upgrades to an existing Pressure Reducing Valve (PRV) station, and miscellaneous upgrades to various water

appurtenances. Amendment No. 1 is for HydroScience Engineers, Inc. to provide additional design services.

This resolution will authorize the City Manager to execute Amendment No. 1 to the Agreement (Contract No. 173-21 20-031) with HydroScience Engineers, Inc. for additional design services for the Ashland Water Rehabilitation Project No. 1.

### **POLICY / RULE**

In accordance with Chapter 2.36 of the Folsom Municipal Code, supplies, equipment, services, and construction with a value of \$62,657 or greater shall be awarded by City Council.

### **ANALYSIS**

The original design scope of work for the Ashland Rehabilitation Project No. 1 assumed that trenchless rehabilitation for the pipeline, located within United States Bureau of Reclamation (USBR) property, would be the primary method of rehabilitation. This method was initially chosen because the pipe is located on USBR property and is located adjacent to an environmentally protected Elderberry shrub. However, upon completion of the preliminary design report, it was determined that all forms of trenchless rehabilitation are not feasible for the following reasons:

- Traditional slip line would reduce pipe capacity significantly.
- Cured-In-Place Pipe (CIPP) and Spray-In-Place Pipe (SIPP) compatibility concerns between the CIPP liner and the existing coal tar epoxy lining.

Therefore, the revised design approach is to remove and replace the existing pipe through traditional construction methods. Removal and replacement of the pipeline requires the following additional design and environmental services:

- Additional design services for additional removal and replacement of the pipeline located within USBR property.
- Preparation of an Initial Study/Mitigated Negative Declaration (IS/MND) in order to comply with the California Environmental Quality Act (CEQA) required by the United States Fish and Wildlife Service (USFWS) due to impacts related to the Valley Elderberry Longhorn Beetle (VELB), a federally listed species that typically occupies the elderberry shrub.

Other items in Amendment No. 1 that were not in the original scope of work include the following:

- Additional support for USBR coordination due to a recently obtained grant from USBR for this project.
- Additional USFWS coordination.
- Additional surveying support for the PRV station upgrades.

- Biological Mitigation and Monitoring Plan contingency.
- Biological Mitigation Assistance.

This resolution will authorize the City Manager to execute Amendment No. 1 to the agreement (Contract No. 173-21 20-031) with HydroScience Engineers, Inc. for design services for the Ashland Water Rehabilitation Project No. 1. Amendment No. 1 will be in the amount of \$139,898 and the new total contract amount, including Amendment No. 1 is \$309,288.

### **FINANCIAL IMPACT**

The Ashland Water Rehabilitation Project No. 1 is included in the Capital Improvement Plan with a Fiscal Year 2021-22 project budget of \$1,834,340. The Environmental and Water Resources Department recommends that Amendment No. 1 to the agreement (Contract No. 173-21 20-031) for design services be awarded to HydroScience Engineers, Inc. for an additional \$139,898 for a not to exceed total of \$309,288. Sufficient funds are budgeted and available in the Water Operating Fund (Fund 520) in Fiscal Year 2021-22.

### **ENVIRONMENTAL REVIEW**

An environmental opportunities and constraints analysis will be performed as part of the design process to ensure environmental compliance. The analysis will include a general approach to the environmental compliance process, including a recommendation for any CEQA documentation and identification, identification of potentially required regulatory permits, and a general mitigation strategy and cost estimate.

### **ATTACHMENT**

Resolution No. 10662 - A Resolution Authorizing the City Manager to Execute Amendment No. 1 to the Agreement (Contract No. 173-21 20-031) with HydroScience Engineers, Inc. for Design Services for the Ashland Water Rehabilitation Project No. 1

Submitted,

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Marcus Yasutake, Director  
ENVIRONMENTAL AND WATER RESOURCES DEPARTMENT

**RESOLUTION NO. 10662**

**A RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE AMENDMENT NO. 1 TO THE AGREEMENT (CONTRACT NO. 173-21 20-031) WITH HYDROSCIENCE ENGINEERS, INC FOR DESIGN SERVICES FOR THE ASHLAND WATER REHABILITATION PROJECT NO. 1**

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

**WHEREAS**, the rehabilitation work identified to enhance the City's water distribution system includes rehabilitating the existing water transmission pipeline, Supervisory Control and Data Acquisition (SCADA) upgrades associated with the existing pressure reducing station, and upgrades to various water appurtenances; and

**WHEREAS**, HydroScience Engineers, Inc. by reason of their experience and abilities for performing these types of services, are qualified to perform the required consulting services for the project; and

**WHEREAS**, sufficient funds are budgeted and available in the Water Operating Fund (Fund 520) in the amount of \$139,898; 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 20-031) with HydroScience Engineers, Inc. for Design Services for the Ashland Water Rehabilitation Project No. 1 in the amount of \$139,898 and the new total contract amount, including Amendment No. 1 is \$309,288.

**PASSED AND ADOPTED** this 13<sup>th</sup> day of July 2021, by the following roll-call vote:

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

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Michael D. Kozlowski, MAYOR

ATTEST:

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Christa Freemantle, CITY CLERK