



Folsom City Council Staff Report

MEETING DATE:	7/28/2020
AGENDA SECTION:	Consent Calendar
SUBJECT:	Resolution No. 10495 - A Resolution Authorizing the City Manager to Execute an Agreement with HydroScience Engineers, Inc. for Design Services for the Ashland Water Rehabilitation Project No. 1
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. 10495 - A Resolution Authorizing the City Manager to Execute an Agreement 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.

The Ashland Water Rehabilitation Project No. 1, which serves as an emergency intertie between the City of Folsom and the San Juan Water District, involves 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. The following summarizes the major components of the design:

- Rehabilitate/replace approximately 1,500 feet of 18-inch and 21-inch water transmission pipeline through open-cut or trenchless technologies on the north side of Rainbow Bridge
 - Approximately 200 of the 1,500 feet of water transmission pipeline located on the north side of Rainbow Bridge will utilize Cured-in-Place Pipe (CIPP) due to existing environmental constraints.
- Rehabilitate/replace approximately 300 feet of 18-inch water transmission pipeline through open-cut or trenchless technologies on the south side of Rainbow Bridge.
- Replace two 18-inch valves at the intersection of Folsom-Auburn Road and Greenback Lane.
- Add one 12-inch valve for bypass isolation at the intersection of Folsom Ranch Drive and Greenback Lane.
- Add a buried bypass pipe interconnection and valve for the existing PRV station located along Folsom Ranch Drive and Greenback Lane.
- Provide SCADA monitoring functionality and a new SMUD power service to the existing Rainbow Bridge PRV station located just south of Rainbow Bridge.

Additionally, because a portion of the project is located on land owned by the Bureau of Reclamation, coordination related to design and environmental requirements between the City, HydroScience Engineers, Inc. and the Bureau is also included within the scope of work.

This resolution will authorize the City Manager to execute an agreement with HydroScience Engineers, Inc. for design services for the Ashland Water Rehabilitation Project No. 1 for a total not-to-exceed amount of \$169,390.

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

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 recently completed pre-qualification process.

Services recommended to be provided by HydroScience Engineers, Inc. include design and bid phase support for the Ashland Water Rehabilitation Project No. 1. A separate agreement will be prepared for construction administration services once 100% plans have been completed. The following describes the design scope of work that HydroScience Engineers, Inc. will be performing:

- Project Management and Coordination
- Investigation and Permitting
 - Topographical Survey

- California Environmental Quality Act (CEQA) compliance
- Design and Bid Support
 - 60% design
 - 90% design
 - Final bid-ready construction documents (100% plans and specifications)
 - Bid services such as addendums, pre-bid attendance and preparation of conformed set of plans and specifications.

This resolution will authorize the City Manager to execute an agreement with HydroScience Engineers, Inc. for design services for the Ashland Water Rehabilitation Project No. 1 for a not-to-exceed amount of \$169,390.

FISCAL IMPACT

The Ashland Water Rehabilitation Project No. 1 is included in the FY 2020-21 Capital Improvement Plan with a project budget of \$1,037,500 and a total project budget of \$1,232,500. Sufficient funds are available in the Water Operating Fund (Fund 520) and the Environmental and Water Resources Department recommends that the contract be awarded to HydroScience Engineers, Inc. for \$169,390.

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) as well as Section 15303 (f). However, because a portion of the project is located on land owned by the United States Bureau of Reclamation (USBR), additional technical environmental reports (Cultural Resources Assessment report and a Biological Resources Inventory) are required and will be performed by USBR.

HydroScience Engineers, Inc. and their environmental consultant will review all technical reports, develop the project description, and prepare the Notice of Exemption (NOE) Form from Appendix E of the CEQA Guidelines. In the event that any findings by Reclamation 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. 10495 - A Resolution Authorizing the City Manager to Execute an Agreement with HydroScience Engineers, Inc. for Design Services for the Ashland Water Rehabilitation Project No. 1.

Submitted,

Marcus Yasutake, Director
 ENVIRONMENTAL AND WATER RESOURCES DEPARTMENT

RESOLUTION NO. 10495

A RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE AN AGREEMENT 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 \$169,390; 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 an agreement with HydroScience Engineers, Inc. for design services for the Ashland Water Rehabilitation Project No. 1 for a not-to-exceed amount of \$169,390.

PASSED AND ADOPTED this 28th day of July 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