



Folsom City Council Staff Report

MEETING DATE:	8/27/2024
AGENDA SECTION:	Consent Calendar
SUBJECT:	Resolution No. 11242 – A Resolution Authorizing the City Manager to Execute Amendment No. 1 to the Agreement (Contract No. 173-21 24-006) with HydroScience Engineers, Inc. for Additional Design and Engineering Services During Construction for the Tower Tank Rehabilitation Project (Project WA2402)
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. 11242 – A Resolution Authorizing the City Manager to Execute Amendment No. 1 to the Agreement (Contract No. 173-21 24-006) with HydroScience Engineers, Inc. for Additional Design and Engineering Services During Construction for the Tower Tank Rehabilitation Project (Project WA2402).

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. Through these efforts, EWR Staff identified the Tower Tank Rehabilitation Project as a priority project.

In February 2024, Folsom City Council approved Resolution No. 11167 authorizing the City Manager to execute an agreement with HydroScience Engineers, Inc. for design and engineering services during construction for the Tower Tank Rehabilitation Project.

The Tower Tank Rehabilitation Project involves improvements and repairs to five of the City's water tanks due to aging infrastructure. The water tanks that will be rehabilitated include Tower Tank, Foothills Tanks No. 1 and No. 2, South Tank, and East Tank No. 2. As part of the City's Water Tank Inspection Program Project, the Tower Tank and East Tank No. 2 were inspected in 2018 and the Foothills Tanks No. 1 and No. 2 and South Tank were inspected in 2019. The tanks were also inspected by the State Water Resources Control Board Division of Drinking Water (DDW) in April 2022.

This resolution will authorize the City Manager to execute Amendment No. 1 to the Agreement (Contract No. 173-21 24-006) with HydroScience Engineers, Inc. for additional Design and Engineering Services During Construction for the Tower Tank Rehabilitation Project for a not-to-exceed amount of \$70,844.

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 HydroScience Engineers, Inc. was one of the firms selected to provide these services for this type of project through this pre-qualification process. In January 2024, after the City requested proposals from consultants to provide design and engineering services during construction for the Tower Tank Rehabilitation Project, HydroScience Engineers, Inc. was selected based on their project understanding, project team staffing, recent relevant project experience, and project costs. HydroScience Engineers, Inc. is currently providing design and engineering services during construction for the Tower Tank Rehabilitation Project.

During the design process, multiple previously unknown issues were discovered that required either a redesign or a new design. For the Tower Tank Rehabilitation Project, HydroScience Engineers, Inc. will provide additional design and engineering services during construction. The following describes the additional services that HydroScience Engineers, Inc. will be performing:

- Additional Design Services:
 - o Design changes to the tank drainage piping connected to the overflow drainage structure at Tower Tank, East Tank #2, and South Tank.
 - o New electrical service design at the Foothills Tank site to increase the power service.
 - o Relocation of electrical equipment at Tower Tank and Foothills Tank site.
 - o Design of block retaining wall at Tower Tank site.
 - o Design of the sites at Tower Tank and Foothills Tanks to accommodate a pre-engineered metal structure to house the electrical equipment.
 - o Investigation to locate an existing valve on a transmission main near the Tower Tank site.

- Miscellaneous design changes and preparation of drawings and technical specifications for the additional work.
- Additional Engineering Services During Construction:
 - Review of additional submittals.
 - Review of additional Requests for Information (RFI's).
 - Additional Design Modification.

This resolution will authorize the City Manager to execute Amendment No. 1 to the Agreement (Contract No. 173-21 24-006) with HydroScience Engineers, Inc. for Additional Design and Engineering Services During Construction for the Tower Tank Rehabilitation Project for a new not-to-exceed amount of \$70,844.

FINANCIAL IMPACT

The City Council approved Resolution No. 11167 at the February 13, 2024, City Council meeting authorizing the City Manager to execute an agreement with HydroScience Engineers, Inc. for design and engineering services during construction for the Tower Tank Rehabilitation Project (Project WA2402) for a total amount not to exceed \$398,950. The Tower Tank Rehabilitation Project is included in the Capital Improvement Plan with a Fiscal Year 2024-25 project budget of \$4,363,950. Sufficient funds are 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 HydroScience Engineers, Inc. for \$70,844 for the Tower Tank Rehabilitation Project (Project WA2402) for a new contract total amount not-to-exceed \$469,794.

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) and 15302 (Replacement or Reconstruction).

ATTACHMENT

Resolution No. 11242 – A Resolution Authorizing the City Manager to Execute Amendment No. 1 to the Agreement (Contract No. 173-21 24-006) with HydroScience Engineers, Inc. for Additional Design and Engineering Services During Construction for the Tower Tank Rehabilitation Project (Project WA2402)

Submitted,

Marcus Yasutake, Director
ENVIRONMENTAL AND WATER RESOURCES DEPARTMENT

RESOLUTION NO. 11242

A RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE AMENDMENT NO. 1 TO THE AGREEMENT (CONTRACT NO. 173-21 24-006) WITH HYDROSCIENCE ENGINEERS, INC. FOR ADDITIONAL DESIGN AND ENGINEERING SERVICES DURING CONSTRUCTION FOR THE TOWER TANK REHABILITATION PROJECT (PROJECT WA2402)

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 and to continue to provide reliable water service to the City includes rehabilitating Tower Tank, Foothills Tanks No. 1 and No. 2, South Tank, and East Tank No. 2; and

WHEREAS, HydroScience Engineers, Inc. by reason of their experience and abilities for performing these types of services, are qualified to perform the required design and engineering services during construction for this project; and

WHEREAS, the Tower Tank Rehabilitation Project is included in the Fiscal Year 2024-25 Capital Improvement Plan with a total project budget of \$4,363,950; and

WHEREAS, sufficient funds are budgeted and available in the Water Operating Fund (Fund 520) in the amount of \$70,844; and

WHEREAS, the City Council approved Resolution No. 11167 at the February 13, 2024, City Council meeting authorizing the City Manager to execute an agreement with HydroScience Engineers, Inc. for design and engineering services during construction for the Tower Tank Rehabilitation Project for a total amount not-to-exceed \$398,950; and

WHEREAS, the EWR Department recommends approving Amendment No. 1 to the agreement with HydroScience Engineers, Inc. for \$70,844 for the Tower Tank Rehabilitation Project for a new contract total amount not-to-exceed \$469,794; 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 24-006) with HydroScience Engineers, Inc. for additional design and engineering services during construction for the Tower Tank Rehabilitation Project for \$70,844 for a new contract total not-to-exceed amount of \$469,794.

PASSED AND ADOPTED this 27th day of August, 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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CITY OF
FOLSOM
DISTINCTIVE BY NATURE