



Folsom City Council Staff Report

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| MEETING DATE: | 10/14/2025 |
| AGENDA SECTION: | Consent Calendar |
| SUBJECT: | Resolution No. 11470 – A Resolution Authorizing the City Manager to Execute Amendment No. 2 to the Agreement (Contract No. 173-21 24-006) with HydroScience Engineers, Inc. for \$37,762 from the Water Operating Fund (Fund 520) for Additional Design and Engineering Services During Construction for the Tower Tank Rehabilitation Project (Project WA2402) 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. 11470 – A Resolution Authorizing the City Manager to Execute Amendment No. 2 to the Agreement (Contract No. 173-21 24-006) with HydroScience Engineers, Inc. for \$37,762 from the Water Operating Fund (Fund 520) for Additional Design and Engineering Services During Construction for the Tower Tank Rehabilitation Project (Project WA2402) and Appropriation of Funds.

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’s reliability. Through these efforts, EWR staff identified the Tower Tank Rehabilitation Project as a priority project.

The Tower Tank Rehabilitation Project involves various improvements and repairs to five of the City’s water tanks due to aging infrastructure. The water tanks associated with this rehabilitation project include Tower Tank, Foothills Tanks No. 1 and No. 2, South Tank, and East Tank No. 2 and the work includes:

- Interior tank recoating.
- Structural repairs.
- Blower and mixer installation.
- Ladder upgrades for climbing the outside of the tank.
- Cathodic protection system upgrades.
- Electrical upgrades.
- Interior and exterior overall upgrades.
- Exterior spot recoating.

During construction, site constraints as well as utility and property owner constraints were encountered that impacted bringing permanent power to the Tower Tank site that required HydroScience Engineers, Inc. to explore various electrical alignment alternatives. The preferred electrical alignment to route power from Randall Drive through the access road to Tower Tank required additional design effort and coordination with SMUD.

Additional effort by HydroScience Engineers, Inc. associated with construction administration services related to submittal review, responding to Requests for Information (RFI's), additional project management, and progress meeting attendance has also been identified as part of Amendment No. 2.

This resolution will authorize the City Manager to execute Amendment No. 2 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 \$37,762 and appropriation of funds.

POLICY / RULE

In accordance with Chapter 2.36 of the Folsom Municipal Code, supplies, equipment, services, and construction with a value of \$75,049 or greater shall be awarded by City Council.

ANALYSIS

Additional engineering services recommended to be provided by HydroScience Engineers, Inc. as part of the Tower Tank Rehabilitation Project include the following:

- Design modifications to the SMUD electrical service through the access road at Tower Tank.
- Revised tank flushing connections at Tower Tank and Foothills Tanks No. 1 and No. 2.
- Review of additional submittals and resubmittals.
- Review of additional Requests for Information (RFIs).
- Additional project management
- Attending additional progress meetings

The total cost for these additional services is \$57,812. However, approximately \$20,050 from the original HydroScience Engineers, Inc. design tasks, associated with topographic survey and

cathodic protection, was identified as not being needed and can be reallocated to cover a portion of these additional services. The revised not-to-exceed amount for additional services provided by HydroScience Engineers, Inc. associated with Amendment No. 2 is \$37,762.

This resolution will authorize the City Manager to execute Amendment No. 2 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 \$37,762 and appropriation of funds.

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 City Council also approved Resolution No. 11242 at the August 27, 2024, City Council meeting authorizing the City Manager to execute Amendment No. 1 to the Agreement (Contract No. 173-21 24-006) with HydroScience Engineering, Inc. for additional design and engineering services during construction for this project for \$70,844 for a new contract total amount not-to-exceed \$469,794.

Budgeted project costs to date, totaling \$6,535,895 include design, advertisement, Community Development Department Building Permit fees, construction administration services, construction management and inspection services, and construction and construction contingency. The Tower Tank Rehabilitation Project (WA2402) is included in the FY 2025-26 Capital Improvement Plan with a total project budget of \$6,535,895. The Environmental and Water Resources Department recommends approving Amendment No. 2 to the agreement with HydroScience Engineers, Inc. for \$37,762 for the Tower Tank Rehabilitation Project (WA2402) for a new contract total amount not-to-exceed \$507,556. An appropriation is therefore needed for additional engineering services during construction, and staff is requesting an appropriation of \$37,762 in the Water Operating Fund (Fund 520) for an updated total project budget of \$6,573,657. Sufficient funds are available in the Water Operating Fund (Fund 520) for the appropriation.

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).

ATTACHMENTS

1. Resolution No. 11470 – A Resolution Authorizing the City Manager to Execute Amendment No. 2 to the Agreement (Contract No. 173-21 24-006) with HydroScience Engineers, Inc. for \$37,762 from the Water Operating Fund (Fund 520) for Additional

Design and Engineering Services During Construction for the Tower Tank Rehabilitation
Project (Project WA2402) and Appropriation of Funds
2. Tower Tank Rehabilitation Project – Project Map

Submitted,

Marcus Yasutake, Director
ENVIRONMENTAL AND WATER RESOURCES DEPARTMENT