

CITY OF SANTA ROSA
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES
FROM: TETYANA MOKVYTS, WATER REUSE ENGINEER
WATER DEPARTMENT
SUBJECT: FIRST AMENDMENT TO PROFESSIONAL SERVICES
AGREEMENT WITH HAZEN AND SAWYER FOR DESIGN AND
HAZARD MITIGATION GRANT ASSISTANCE – LAGUNA
TREATMENT PLANT HEADWORKS SUPERSTRUCTURE
SEISMIC RETROFIT PROJECT

AGENDA ACTION: MOTION

RECOMMENDATION

It is recommended by Santa Rosa Water that the Board of Public Utilities, by motion, approve the First Amendment to Professional Services Agreement Number F003037 with Hazen and Sawyer, a New York Corporation, to provide engineering design and Federal Emergency Management Agency (FEMA) grant support services for the Laguna Treatment Plant (LTP) Headworks Superstructure Seismic Retrofit Project in the amount of \$711,627 for a total contract amount not to exceed \$1,155,253.

EXECUTIVE SUMMARY

This motion will authorize an amendment to Professional Services Agreement Number F003037 with Hazen and Sawyer to provide additional design services, FEMA grant administration support, bid services, and engineering services during construction for the headworks superstructure seismic retrofit and the structural repair of the primary sedimentation tanks and digester gallery, located at LTP. This project is driven by the City's need to ensure the safety of staff and reliably maintain permit-compliant wastewater treatment in the event of an earthquake.

BACKGROUND

LTP's South Headworks structure was originally constructed in 1966, with an expansion to add the North Headworks in 1975. The entire headworks facility is surrounded by an at-grade superstructure comprised of concrete beams, columns, and roof panels. The headworks provides screening and grit removal for influent wastewater entering LTP. Due to exposure to corrosive gases emanating from sewage flowing through the facility,

PROFESSIONAL SERVICES AGREEMENT FIRST AMENDMENT – LAGUNA TREATMENT PLANT HEADWORKS SUPERSTRUCTURE SEISMIC RETROFIT PROJECT

Page 2 of 3

metallic components of the structure, as well as other equipment within it, are deteriorated and have reached the end of their useful life.

Carbon fiber wrapping of existing columns was selected as the preferred method to seismically retrofit the existing headworks superstructure as a temporary measure to increase seismic reliability and longevity.

In June 2025, the City applied for, and was approved for, a grant through the FEMA Hazard Mitigation Grant Program (HMGP) for approximately \$2.8 Million for seismic retrofit work on the headworks superstructure.

This amendment will provide for FEMA HMGP grant reporting requirements for Phase 1 (Design Phase), Phase 2 (Construction Phase), and engineering services during construction for Phase 2.

Additionally, during design, it was observed that lighting within the headworks structure was deteriorating and approaching failure, potentially causing concerns for LTP staff. Design for the replacement of the lighting in the headworks structure has been included as part of this amendment.

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

On February 6, 2025, the Board of Public Utilities, by motion, approved a Professional Services Agreement with Hazen and Sawyer to provide professional design services for the LTP Headworks Superstructure Seismic Retrofit Project in the amount not to exceed \$443,626.00.

ANALYSIS

The City received FEMA HMGP funding approval for Phase 1 design activities in the amount of \$184,597, with total anticipated FEMA funding for Phases 1 and 2 estimated at approximately \$3.1 million.

During the condition assessment phase, additional scope associated with the lighting system replacement at the headworks was identified. Concurrently, due to schedule sensitivity, consultant support was deemed necessary to ensure timely compliance with project-specific FEMA requirements and deadlines. This support is required for both Phase 1 and Phase 2.

Accordingly, the City requested a proposal from Hazen to provide supplemental FEMA grant administration support services, design for the headworks lighting system replacement, and engineering services during construction for the Laguna Treatment Plant Headworks Superstructure Seismic Retrofit Project.

PROFESSIONAL SERVICES AGREEMENT FIRST AMENDMENT – LAGUNA
TREATMENT PLANT HEADWORKS SUPERSTRUCTURE SEISMIC RETROFIT
PROJECT

Page 3 of 3

On February 6, 2025, the City received a proposed amendment in the amount of \$711,627.00. If approved, the amendment would increase the total design fee to \$1,155,253.00 and support the timely completion of FEMA HMGP Phase 1 and Phase 2 project deliverables in full compliance with FEMA requirements.

FISCAL IMPACT

The total construction cost of the project is estimated at \$4,500,000.00, of which \$3,100,000.00 is expected to be funded by FEMA.

Approval of this contract has no additional impact on the budget. Funds for this project will be appropriated in the FY 2026/2027 capital improvement budget.

ENVIRONMENTAL IMPACT

The proposed action is exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines section 15301 (Class 1 – Existing Facilities), which exempts the repair, maintenance, and minor alteration of existing public facilities involving negligible or no expansion of existing use. The project consists of seismic retrofit improvements, lighting replacement, and associated engineering support services at an existing wastewater treatment facility and does not involve an expansion of treatment capacity or use.

ATTACHMENTS

- Attachment 1 – Professional Services Agreement, Amendment

CONTACT

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