



COUNTY OF SONOMA

575 ADMINISTRATION
DRIVE, ROOM 102A
SANTA ROSA, CA 95403

SUMMARY REPORT

Agenda Date: 10/8/2024

To: Board of Directors, Sonoma County Water Agency
Department or Agency Name(s): Sonoma County Water Agency
Staff Name and Phone Number: Steven Hancock 707-292-1195
Vote Requirement: Majority
Supervisorial District(s): Countywide

Title:

Water System Risk and Resilience Assessment Update

Recommended Action:

Authorize Sonoma County Water Agency's General Manager to execute an agreement with Carollo Engineers, Inc., in substantially the form as the draft presented to this Board, to conduct a water system risk and resilience assessment update through March 31, 2025, in the not-to-exceed amount of \$95,000.

Executive Summary:

To comply with federal law, Sonoma County Water Agency (Sonoma Water) must update its 2020 risk and resilience assessment (RRA) of its potable water system and provide a certification of completion to the United States Environmental Protection Agency (EPA) by March 31, 2025.

Discussion:

HISTORY OF ITEM/BACKGROUND

America's Water Infrastructure Act of 2018 (AWIA) requires water utilities in the United States serving over 3,300 customers to complete a comprehensive risk assessment to identify vulnerabilities to malevolent acts and natural hazards. Sonoma Water's customer base, under the EPA Safe Drinking Water Information System database, exceeds the minimum threshold under AWIA.

In 2020, Sonoma Water completed, and submitted to the EPA, a RRA that includes a summary of best practices for reducing risks, and a list of critical assets with their identified risks from malevolent threats and natural hazards. The report also assessed Sonoma Water's level of resilience based on criteria developed by the American Water Works Association (AWWA) and EPA. The RRA considered the physical security, operational procedures, water system configuration, cybersecurity, and other relevant factors that contribute to the overall reliability and resiliency of Sonoma Water and its water system assets.

The AWIA also requires water utilities to review RRAs every five years. Sonoma Water is required to update the 2020 RRA of the potable water system and provide a certification of completion to the U.S. EPA. All systems serving more than 100,000 people, such as Sonoma Water's water system, must submit the certification prior to March 31, 2025.

SELECTION PROCESS

Carollo Engineers, Inc. (Consultant) was selected from a list of qualified consultants developed from a

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competitive selection process. Attached is a memo that explains the competitive selection process. Consultant was selected for the subject work because of its extensive knowledge of the various requirements for the AWIA RRA.

Sonoma Water may seek to amend or enter into subsequent agreement(s) with Board approval if required, relying upon this competitive selection process, after the preliminary or initial work is completed.

SERVICES TO BE PERFORMED

Under the agreement, Consultant will update Sonoma Water’s existing 2020 RRA, and incorporate additional planning assessments completed since 2020 as well as additional information obtained from site visits.

The cost of services will not exceed \$95,000; the term end date is March 31, 2025.

The agreement includes authorization for the General Manager to make changes to lengthen time schedules or make minor modifications to the scope of work, which do not increase the amount paid under the agreement, in a form approved by County Counsel.

Under the agreement, the General Manager shall have the ability to extend the term of the agreement for up to two additional years by providing written notice to the other party thirty days in advance of the expiration date. The extension shall be formalized in an amended agreement or amendment signed by the parties.

County of Sonoma Strategic Plan Alignment

N/A

Sonoma Water Strategic Plan Alignment

Goal: 4. Emergency Preparedness - Build organizational resilience and ensure effective emergency response to extreme weather events, disasters, and security risks.

Strategy: 4.1 Strengthen and ensure a comprehensive emergency response capability through coordinated response programs, resource management, and emergency planning.

Action Item: 4.1.2 Establish operational emergency response functions, procedures, and systems.

Goal: 4. Emergency Preparedness - Build organizational resilience and ensure effective emergency response to extreme weather events, disasters, and security risks.

Strategy: 4.3 Develop and implement a comprehensive physical security program.

Action Item: 4.3.2 Ensure appropriate site security, access control, monitoring, and other type surveillance systems are implemented, maintained, and enforced.

Updates to the 2020 RRA will identify the highest ranked risk factors of Sonoma Water’s water system, and directly inform updates to Sonoma Water’s emergency response plan, establishing operational emergency response functions, procedures, and systems.

Racial Equity:

Was this item identified as an opportunity to apply the Racial Equity Toolkit?

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No

Prior Board Actions:

8/17/2021: Approved second amended and restated agreement between Sonoma Water and Carollo Engineers, Inc for development of water system risk and resilience assessment. No additional cost; term end December 31, 2020.

9/24/2019: Authorized Sonoma Water’s General Manager to negotiate and execute an agreement in an amount not-to-exceed \$150,000 and up to one-year term to prepare risk and resilience assessment report of water system.

FISCAL SUMMARY

Expenditures	FY24-25 Adopted	FY25-26 Projected	FY26-27 Projected
Budgeted Expenses	\$95,000		
Additional Appropriation Requested			
Total Expenditures	\$95,000		
Funding Sources			
General Fund/WA GF			
State/Federal			
Fees/Other	\$95,000		
Use of Fund Balance			
General Fund Contingencies			
Total Sources	\$95,000		

Narrative Explanation of Fiscal Impacts:

Budgeted amount of \$95,000 is available from FY 2024/2025 appropriations for the Facilities fund. No additional appropriation is required.

Staffing Impacts:			
Position Title (Payroll Classification)	Monthly Salary Range (A-I Step)	Additions (Number)	Deletions (Number)

Narrative Explanation of Staffing Impacts (If Required):

N/A

Attachments:

Attachment 1: Draft Agreement with Carollo Engineers, Inc.

Attachment 2: Competitive Selection Process Memo

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Related Items "On File" with the Clerk of the Board:

N/A