



COUNTY OF SONOMA

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

SUMMARY REPORT

Agenda Date: 1/13/2026

To: Board of Directors, Sonoma County Water Agency

Department or Agency Name(s): Sonoma County Water Agency

Staff Name and Phone Number: Grant Davis 707-547-1911; Bert Braden 707-547-1920

Vote Requirement: Majority

Supervisoral District(s): Countywide

Title:

Engineering and Design for Wohler-Mirabel Fiber Communications Resiliency Project

Recommended Action:

Authorize Sonoma County Water Agency's General Manager to execute an agreement with Carollo Engineers, Inc., in substantially the form presented to this Board, for engineering and design for Wohler-Mirabel Fiber Communications Resiliency Project through December 31, 2029, in the not-to-exceed amount of \$1,019,192.

Executive Summary:

Sonoma County Water Agency (Sonoma Water) operates water diversion facilities at its Wohler-Mirabel facility, located near the community of Forestville. The communication equipment at the facility has reached the end of its useful life and requires replacement. Sonoma Water proposes hiring a consultant to provide engineering and design services for its Wohler-Mirabel Fiber Communications Resiliency Project (Project) that will include upgrades and installation of new telecommunications infrastructure.

Discussion:

HISTORY OF ITEM/BACKGROUND

This Project is located at Sonoma Water's Wohler-Mirabel water production facility. Existing fiber optic infrastructure is antiquated (circa 1997), inadequate, and has a high degree of risk exposure to natural disasters including fire, flood, and earthquake. The goal of this project includes establishing redundant pathways between the Mirabel, Wohler, and River Road primary communications facilities which will mitigate these risks. The improvements will also establish fiber connectivity between the primary communications facilities and the water treatment facilities throughout Wohler and Mirabel. This infrastructure will allow for modern communications protocols, higher bandwidth, and increased reach of the on-site local area network.

The Project includes upgrades and installation of new telecommunications infrastructure involving underground sub-structures, overhead pole line ducts, fiber optic backbone cabling, pathways and spaces, and testing and commissioning. Primary telecommunications service point and central distribution facilities are anticipated at River Road Chlorination Facility, Mirabel Chlorination Facility, and the Wohler Control Building. This will provide redundancy of service to the critical treatment facilities throughout the sites.

SELECTION PROCESS

Carollo Engineers, Inc., (Consultant) was selected from a list of qualified consultants developed from a competitive selection process. Attached is a memo that explains the competitive selection process.

Agenda Date: 1/13/2026

SERVICES TO BE PERFORMED

Under the proposed agreement, Consultant will provide engineering and design services related to the Project.

The cost of services will not exceed \$1,019,192; the term end date is December 31, 2029.

Through the proposed agreement, the General Manager will be delegated the authority to approve a written amendment 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 and by executing an agreement amendment.

County of Sonoma Strategic Plan Alignment:

N/A

Sonoma Water Strategic Plan Alignment:

Goal: Emergency Preparedness

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

Action: Develop robust, redundant, voice and data communications capabilities to sustain interagency, multi-jurisdictional communication, management, and monitoring of critical water resources.

This project will benefit essential emergency systems at the Wohler-Mirabel-River Road facilities, including SCADA Radio, Operational Technology, Business Network Data & Phone, Access Control, and Video Surveillance (Security) by establishing redundant communications paths and multiple points of service for resistance from natural hazards such as fire, flood, and earthquake.

Racial Equity:

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

No

Prior Board Actions:

None

FISCAL SUMMARY

Expenditures	FY25-26 Adopted	FY26-27 Projected	FY27-28 Projected
Budgeted Expenses	\$1,019,192		
Additional Appropriation Requested			
Total Expenditures	\$1,019,192		
Funding Sources			
General Fund/WA GF			
State/Federal			
Fees/Other	\$1,019,192		

Agenda Date: 1/13/2026

Use of Fund Balance			
General Fund Contingencies			
Total Sources	\$1,019,192		

Narrative Explanation of Fiscal Impacts:

Budgeted amount of \$1,019,192 is available from FY 2025/2026 appropriations for the Water Transmission Common 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: Agreement with Carollo Engineers, Inc.

Attachment 2: Competitive Selection Process Memo

Related Items “On File” with the Clerk of the Board:

None