STAFF REPORT

Meeting Type:	Board of Directors
Title:	Award of Contract No. 2056 – Tocaloma Pump Station Rehabilitation Project (D20008) and Approval of an Amendment to the Professional Services Agreement with Hazen and Sawyer for Construction Support
From:	Alex Anaya, Director of Engineering
Through:	Ben Horenstein, General Manager
Meeting Date:	April 7, 2026

TYPE OF ITEM: X Action Information

RECOMMENDATION: Approve a resolution authorizing award of Contract No. 2056, Tocaloma Pump Station Rehabilitation Project, to C. Overaa & Co. in the amount of $9,267,000; Approve Amendment No. 2 to Professional Services Agreement MA-6277 with Hazen and Sawyer for engineering services during construction in support of the Tocaloma Pump Station Rehabilitation Project in the amount of $599,795; and, Authorize the General Manager to execute the contracts

SUMMARY: The Tocaloma Pump Station Rehabilitation Project was reviewed by the District Planning Committee on January 27, 2026. The proposed Tocaloma Pump Station Rehabilitation Project includes installation of new electrical switchgear, variable frequency drives for each pump, construction of a new fire-hardened electrical control building, replacement of five (5) pumps and motors, and replacement of critical valves and appurtenances.

In support of this project, it will be necessary to execute Amendment No. 2 to Professional Services Agreement MA-6277 with Hazen and Sawyer to provide engineering services during construction. These services are typical with larger complex projects and will include technical engineering services including, equipment submittal review, responses to requests for information (RFIs), preparation of contractor clarification letters, and engineering inspections during construction.

DISCUSSION: The Tocaloma Pump Station, which was constructed in 1961 and is in Tocaloma, California, is a critical component of the District's raw water conveyance system. The facility consists of a steel pump house building and a separate cinder block electrical control building, and it supplies untreated water from both Nicasio and Soulajule Reservoirs to the San Geronimo Treatment Plant. The pump station operates one 200-horsepower pump and five (5) 400-horsepower vertical turbine pumps. Depending on operational conditions, the pump station can provide approximately 50 percent of the San Geronimo Treatment Plant's annual water supply. The current maximum operational capacity of the pump station is 20 million gallons per day.

The existing electrical control building houses the pump station's electrical switchgear, six motor starters, programmable logic controller, fuses, and associated appurtenances. All electrical switchgear and motor starters are original to the pump station and are beyond their intended service life and considered obsolete. Replacement parts for this equipment are no longer manufactured, creating a moderate likelihood of failure across all six pumps. Failure of any motor starter would render the associated pump non-operational and effectively unrepairable, resulting in a loss of pumping capacity and reduced system reliability and redundancy.

The Tocaloma Pump Station Rehabilitation Project is intended to address these systems risks by replacing obsolete mechanical and electrical equipment that has reached the end of its useful life. The project will modernize the facility to current design, safety, and operational standards while improving efficiency and operational flexibility. A central component of the project is replacement of the existing electrical equipment and motor starters with a new motor control center incorporating variable frequency drives. The variable frequency drives will allow operators to better regulate flow rates to the San Geronimo Treatment Plant, improve system efficiency, and reduce electrical demand charges.

The project includes replacement of the existing electrical control building with a new fire-hardened, seismically resilient structure. The existing electrical control building does not meet current seismic design requirements due to insufficient structural reinforcement and is undersized to accommodate modern electrical equipment while maintaining equipment clearances in compliance with National Electrical Code safety standards. The new building will be constructed with reinforced concrete masonry unit walls on a concrete slab foundation and a fire-hardened metal roof. Heating, ventilation, and air conditioning systems will be provided to maintain appropriate environmental conditions for the electrical equipment, supporting long-term reliability and extending useful equipment life.

As part of the rehabilitation effort, the project will replace the five (5) original 400-horsepower vertical turbine pumps. These pumps have undergone numerous repairs over the past 65 years of use and exhibit significant wear. Recent efficiency testing indicates the existing pumps operate at approximately 61 to 67 percent efficiency, which limits available pumping capacity and increases electrical energy consumption. The replacement pumps will be designed with efficiencies of 86 percent or greater, improving hydraulic performance, increasing available flow capacity, and reducing ongoing electrical operating costs. The remaining single 200-horsepower pump was recently refurbished in 2021 and tested at 75 percent efficiency rating. Due to the recent refurbishment, the pump will remain and be replaced at a later date.

Additional project elements include installation of a new radio tower to improve operational communications, installation of new cathodic anodes to provide corrosion protection for inlet and outlet piping, drainage improvements, replacement of critical valves, recoating of the steel pump building structure, and installation of perimeter security fencing.

The Tocaloma Pump Station Rehabilitation Project is focused on restoring a critical pumping facility to modern operational standards, improving efficiency through the use of variable frequency drives, and increasing system resiliency through a new fire-hardened, seismically compliant electrical control building. The project directly addresses equipment obsolescence and reliability risks while supporting the District's long-term water supply operations.

On March 3, 2026, the District opened six (6) bids, as shown in Table 1, for the Tocaloma Pump Station Rehabilitation Project. C. Overaa & Co. submitted the lowest responsive and responsible bid in the amount of $9,267,000.

Table 1
Bid Results
Tocaloma Pump Station Rehabilitation Project

Bid Rank	Contractor Name	Bid Amount
1.	C. Overaa & Co.	$9,267,000
2.	Anvil Builders, Inc.	$11,900,000
3.	GSE Construction Company, Inc.	$12,041,300
4.	Thompson Builders Corporation	$12,697,000
5.	Corcus Construction	Non-Responsive
6.	GSW Construction, Inc.	Non-Response

Engineer's Estimate: $12,105,000

The District executed a Professional Services Agreement MA-6277 for the Tocaloma pump station design with Hazen and Sawyer in the amount of $628,890, with a staff-requested contingency of $75,000, for a total not-to-exceed amount of $703,890. During the design phase, staff identified a broader scope of improvements necessary to fully rehabilitate the Tocaloma Pump Station to meet current operational, seismic, safety, and efficiency standards. Staff executed Amendment No. 1 that utilized all of the approved contingency amount to deliver the 100% bid-ready package, including final design and technical specifications.

Recognizing the multi-year construction duration and multidisciplinary complexity of the project, staff determined that additional engineering services during construction are necessary to support successful project delivery and is a standard for multiyear complex projects. Retaining Hazen and Sawyer during construction will ensure the project is delivered in accordance with the project design, as they are in the best position to respond to any contractor issues that may arise during construction since they are the engineer firm of record.

The engineering services to be provided during construction include: participation in construction progress meetings; technical review of equipment submittals; review and responses to requests for information (RFIs); review and preparation of change orders and contractor clarification letters; site inspections during construction; final inspection; punch list inspection; preparation of record drawings and review of pump station functional testing plans.

The engineering services during construction will require Amendment No. 2 with Hazen and Sawyer in the amount of $599,795 to allow the continued provision of technical engineering assistance through completion of the Tocaloma Pump Station Rehabilitation Project. Amendment No. 2 will bring the total

Professional Services Agreement total from $703,890 to a new not-to-exceed amount of $1,303,685. This total represents approximately 11% of the Engineer's Estimate and is within the industry standard of 15% of total construction cost for projects of similar size, scope and complexity.

The Hazen and Sawyer engineering team will continue to work collaboratively with District staff to support effective coordination, timely decision-making, and successful project completion.

Staff recommends that the Board of Directors approve a resolution awarding Contract No. 2056 to C. Overaa & Co in the amount of $9,267,000 and authorizing the General Manager to execute any necessary amendments to Contract No. 2056, which do not exceed $1,120,000.

Staff further recommends the Board of Directors approve the Amendment No. 2 to professional services agreement MA-6277 with Hazen and Sawyer for engineering services during construction in support of the Tocaloma Pump Station Rehabilitation Project in an amount of $599,795, for a new not-to-exceed amount of $1,303,685 and authorize the General Manager to execute this amendment.

Summaries of the estimated Project costs and schedule are provided below.

Estimated Budget:

Contract Award:	$ 9,267,000
Contingency (12%):	$ 1,120,000
Prof. Fees (11%):	$ 1,303,685
Testing & Geotech:	$ 100,000
District Labor/Inspection:	$ 295,000
Total Budget:	$ 12,085,685
Budget Category:	A1A07

Estimated Project Implementation Schedule:

Project Advertisement:	February 3, 2026
Bid Opening:	March 3, 2026
Project Award:	April 7, 2026
Estimated Completion Date:	December 22, 2028
Duration:	990 days

Estimated Construction Timeline

Under Contract	May 2026
Long Lead Time Items [(1)]	Summer 2026 – Summer 2027
Expected Pump Station Shutdown [(2)]	Summer 2027 – Summer 2028
Pump Station Startup/ Project Complete	Fall 2028

[(1)] Critical path construction items only, procurement of electrical equipment.
[(2)] Critical path: demo electrical building, construct CMU building, install new pumps/motors/VFDs/switchgear.

ENVIRONMENTAL REVIEW: The Director of Engineering has determined that the project is Categorically Exempt pursuant to California Environmental Quality Act (CEQA) Guideline Sections 15301, Existing facilities. The project is also exempt pursuant to CEQA Guidelines 15302(c), Replacement or Reconstruction. The project qualifies for exemptions pursuant to Sections 15301 and 15302 (c) inasmuch as it includes installing a new electrical building and mechanical equipment at its current site and involves negligible or no expansion of capacity.

FISCAL IMPACT: The total estimated cost to complete the Tocaloma Pump Station Rehabilitation Project is $12,085,685, which includes District labor, professional services, construction costs, and contingencies. The project is partially funded through the Adopted FY 2025–27 Two-Year Capital Improvement Budget. Sufficient fund balance is available in the FY 2026–27 budget to cover anticipated contractor and design consultant invoices through June 2027, the majority of which are associated with early procurement of long-lead time electrical equipment. Staff will prioritize and identify the remaining project funding in the FY 2027–29 Capital Improvement Budget to fully support construction and project completion.

ATTACHMENT(S):

1. Proposed Resolution
2. Site Map
3. Draft Notice of Exemption

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
Engineering	**Alex Anaya** **Engineering Director**	**Ben Horenstein** **General Manager**