



BOARD MEMBERS

43885 SOUTH GRIMMER BOULEVARD • FREMONT, CALIFORNIA 94538  
(510) 668-4200 • www.acwd.org

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Operations and Maintenance  
GIRUM AWOKE  
Engineering and Technology  
LAURA J. HIDAS  
Water Resources  
JONATHAN WUNDERLICH  
Finance and Administration

## NOTICE OF SPECIAL MEETING OF THE ACWD BOARD OF DIRECTORS

Date: May 18, 2022

Time: 4:00 P.M.

Location: Members of the public may participate in this meeting in person at the District office located at 43885 South Grimmer Boulevard in Fremont or via webinar <https://us02web.zoom.us/j/83774776696?pwd=clc4dGVZS3dRUmttMFNGTEw1Vm9BQT09> (passcode: 537004), or by calling any of the following phone numbers: 1-669-900-9128 or 1-346-248-7799 or 1-301-715-8592 followed by 837 7477 6696.

**Due to the COVID-19 pandemic and in accordance with Assembly Bill 361, which modifies Government Code Section 54953, this meeting will be conducted by webinar and teleconference. Board members and members of the public also may attend this meeting in person at the District office located at 43885 South Grimmer Boulevard, Fremont.**

**Please Take Notice** that the Alameda County Water District Board of Directors hereby calls a special meeting on May 18, 2022, at 4:00 P.M., at which time the Board will convene for the following purposes:

1. Roll Call
2. Salute to the Flag
3. Public Comments on Matters on this Notice of Special Meeting
4. Action Calendar
5. Financial Workshop
6. General Manager's Report
7. Director's Comments and/or Agenda Item Requests
8. Adjournment

This Notice of the Date, Time, and Location of the next regular meeting of the Alameda County Water District Board of Directors is given this 13<sup>th</sup> day of May 2022.

Date this Notice Posted: May 13, 2022

Gina Markou, District Secretary

# ALAMEDA COUNTY WATER DISTRICT

43885 So. Grimmer Boulevard  
Fremont, CA 94538

## SPECIAL BOARD OF DIRECTORS MEETING

### A G E N D A

May 18, 2022

4:00 P.M.

**ACCESSIBLE PUBLIC MEETINGS:** *Upon request, ACWD will provide written agenda materials in appropriate alternative formats, or disability-related modification or accommodation, including auxiliary aids or services, to enable individuals with disabilities to participate in public meetings. Please send a written request at least 72 hours before the meeting to the District Secretary, ACWD, 43885 S. Grimmer Blvd., Fremont, CA 94538, or to [gina.markou@acwd.com](mailto:gina.markou@acwd.com) stating your name, mailing address, phone number, and brief description of the requested materials and preferred alternative format or auxiliary aid or service.*

MEMBERS OF THE PUBLIC MAY PARTICIPATE IN THIS MEETING IN PERSON AT THE DISTRICT OFFICE LOCATED AT 43885 SOUTH GRIMMER BOULEVARD, FREMONT OR VIA WEBINAR OR TELECONFERENCE DUE TO THE COVID-19 PANDEMIC AND IN ACCORDANCE WITH ASSEMBLY BILL 361, WHICH MODIFIES GOVERNMENT CODE SECTION 54953.

TO PARTICIPATE VIA WEBINAR, USE THE FOLLOWING LINK:

<https://us02web.zoom.us/j/83774776696?pwd=clc4dGVZS3dRUmttMFNGTEw1Vm9BQT09>

(PASSCODE: **537004**). TO PARTICIPATE VIA TELECONFERENCE, CALL ANY OF THE FOLLOWING PHONE NUMBERS: 1-669-900-9128 OR 1-346-248-7799 OR 1-301-715-8592 FOLLOWED BY **837 7477 6696**.

MEMBERS OF THE PUBLIC ARE ALSO ENCOURAGED TO SUBMIT COMMENTS TO THE DISTRICT SECRETARY AT [gina.markou@acwd.com](mailto:gina.markou@acwd.com) AT LEAST ONE HOUR PRIOR TO THE SCHEDULED START TIME OF THE MEETING. PLEASE VISIT THE DISTRICT'S WEBSITE ([www.acwd.org](http://www.acwd.org)) REGULARLY TO BE UPDATED ON THE CURRENT SITUATION AS IT AFFECTS PUBLIC MEETINGS.

1. ROLL CALL
2. SALUTE TO THE FLAG
3. PUBLIC COMMENTS ON MATTERS ON THIS NOTICE OF SPECIAL MEETING

4. ACTION CALENDAR

4.1 Resolution Awarding Contract for the Curtner Road Booster Station Upgrade Project and Washington Booster Station Flow Meter Project

4.2 Authorization of Construction Management and Inspection Services for the Curtner Road Booster Station Upgrade Project and Washington Booster Station Flow Meter Project

5. FINANCIAL WORKSHOP

5.1 Fiscal Year 2020/21 Financial Benchmarking Report.

The District conducts an annual financial benchmark analysis that compares its performance against the performance of other similar Bay Area water providers. The analysis is based on audited data from the prior year and considers a number of metrics pertaining to operational efficiency, financial capacity, and the financial impact to customers.

5.2 Review of Midcycle Updates to Fiscal Year 2021/22 and Fiscal Year 2022/23 Budget.

The District's 2-year budget is the near-term financial plan for the District. The budget is designed to balance short and long-term financial goals, support improved customer service objectives, finance key infrastructure needs, advance water conservation, meet new legislative and regulatory mandates, accomplish fishery restoration projects, protect and optimize use of water supplies and improve the District's preparation for emergencies. The Board of Directors will review forecast revenue, operating expenses, capital expenditures, staffing levels and labor-related costs, and multi-year financial projections. The District's two-year budget was adopted in June 2021, and toward the end of the first fiscal year in the budget cycle, the District presents updated financial projections and proposed amendments to the year 2 budget.

6. GENERAL MANAGER'S REPORT

7. DIRECTOR'S COMMENTS AND/OR AGENDA ITEM REQUESTS

8. ADJOURNMENT

# ***ALAMEDA COUNTY WATER DISTRICT***

## ***MEMORANDUM***

DATE: May 13, 2022  
TO: Board of Directors  
FROM: Ed Stevenson   
SUBJECT: STAFF REPORT, ACTION CALENDAR ITEM FOR MAY 18, 2022

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### 4.1 RESOLUTION AWARDING CONTRACT FOR THE CURTNER ROAD BOOSTER STATION UPGRADE PROJECT AND WASHINGTON BOOSTER STATION FLOW METER PROJECT

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**SUMMARY:** The Curtner Road Booster Station Upgrade Project and Washington Booster Station Flow Meter Project (collectively, the “Project”) include improvements to two booster pump stations. The work at the Curtner Road Booster Station includes the replacement of existing mechanical, electrical, and control system equipment within the existing pump station as well as other improvements to facilitate maintenance access including a structural expansion of the pump station footprint and construction of an exterior equipment pad to house the new electrical and control equipment and to meet current District standards. The work at Washington Booster Station includes installation of a new flow meter and vault to measure the quantity of water pumped by the booster station. Two bids to perform the work were recently received, opened, and evaluated. There is adequate funding in the Capital Improvement Program budget for this expenditure. The Project was most recently reviewed with the Engineering and Information Technology Committee on April 20, 2022. Board authorization of these services will help meet the District’s Strategic Goal 1.1 – Efficiently Manage and Maintain our Infrastructure to Ensure Reliability.

**RECOMMENDATION:** By motion, 1) waive the minor irregularity in the Disney Construction, Inc. bid, and 2) adopt a resolution awarding the construction contract for the Curtner Road Booster Station Upgrade Project and Washington Booster Station Flow Meter Project to Disney Construction, Inc. in the amount of \$6,428,000, Jobs 21247 and 21197.

**DISCUSSION:** The Curtner Road Booster Station was originally constructed in 1972 to house the Alameda Reservoir altitude valve, and was converted to a booster station with the addition of pumps, associated piping and control systems between 1985 and 1987. The Curtner Road Booster Station is a critical facility for meeting the water supply and fire flow demands in the Pressure Zone 3 area in Fremont. Various components including the Motor Control Center (MCC), main switchboard, generator receptacle, pumps, and motors are nearing the end of their maintainable lives and require replacement. The interior of the booster station is presently a constrained working environment with limited space available to perform required maintenance activities and the existing property has a steep and narrow access. The Project will upgrade the mechanical and electrical equipment, relocate the electrical equipment to a new, more accessible pad, expand a portion of the station to provide better access, and regrade the driveway.

The Washington Booster Station was originally constructed in the 1950s and pumps water to Pressure Zone 3 received from multiple sources including Whitfield Reservoir, Pressure Zone 2, and a takeoff from the San Francisco Public Utilities Commission (SFPUC) system. The Project will install a new flow meter and vault to allow for measurement of the flow leaving the station. The flow meter will be connected to the existing booster station electrical panel for communication with the District's Supervisory Control and Data Acquisition (SCADA) system.

The District advertised construction of the Project on March 23, 2022. Two bids were received and opened on April 26, 2022. Staff evaluated each proposal to verify compliance with the bid requirements and confirm the arithmetic accuracy of the proposal payment item schedules. The bid totals, for purposes of comparison of proposals, ranged from a low of \$5,669,770 to a high of \$6,428,000 including contingent items of work that may be added to the project later by change order should they be required. The Engineer's estimate for the work, including the contingent items, ranged from \$3,630,000 to \$4,030,000. A revised engineering estimate of \$4,274,350 was received from the project designer, Schaaf & Wheeler, after project advertisement due to observations of changes in supply chain and market conditions. The total lowest responsive bid, excluding the contingent items, is \$6,341,000. The bid summary is attached.

The apparent low bidder, Anvil Builders Inc. (Anvil), requested to be relieved of its bid in accordance with Section 5103 of the Public Contract Code due to a clerical error in the payment item schedule. The District's General Counsel and staff reviewed Anvil's request and determined that the California Public Contract Code requirements for relief of bid due to mistake were satisfied and therefore, the District relieved Anvil of its bid. Disney Construction, Inc. of Burlingame, California (Disney) submitted the lowest responsive bid in the amount of \$6,428,000.

After careful evaluation of the condition of existing pumps and motors at the Curtner Booster Station and the projected construction market conditions and bidding climate, staff has determined that it would be in the best interest of the District to award the construction contract to Disney at this time, despite the bid amount relative to the Engineer's Estimate. According to recent analysis by Associated Builders and Contractors, Dodge Data and Analytics, Engineering News Record, and other publications, construction economists and experts predict that supply chain issues will persist and the rising rate of inflation will continue to result in higher construction prices. This assessment is shared by other sources staff has consulted. Based on recent bidding history on District projects, and the close value between the two bids received for this project, staff believes that the bid does reflect the current market, and re-advertising this project will yield minimal benefits with few bidders and potentially higher bid prices. Furthermore, because of the nature of the permits for this project, it will take several months to acquire or renew permits, pushing the resulting construction schedule further out by at least one construction season (one year). As the Curtner project is one in a series of interdependent projects, delays would also impact other projects such as the Clean Energy Program, Alameda Reservoir Seismic Upgrades, and Decoto Reservoir Seismic Upgrades. Moreover, proceeding would reduce the likelihood of a failure of one or more of the pumps at this facility thus avoiding major disruptions to water supply to upper pressure zones. The increase in the overall project cost is reflected in the proposed revisions to the FY 2022/23 Capital Improvement Program budget and are offset by reductions in other line item costs.

The bid from Disney Construction was reviewed for compliance with the requirements of the contract documents and was found to contain one irregularity: 1) Evidence of corporate authority was not included with the bid. The contractor subsequently provided the missing information. The irregularity is considered minor and may be waived. Disney has been in the contracting business under its current business name and license for approximately 16 years and has been performing work similar to the project scope over the same timeframe. References were contacted and staff confirmed that Disney Construction, Inc. has the necessary qualifications and experience to perform the work.

#### 4.2 AUTHORIZATION OF CONSTRUCTION MANAGEMENT AND INSPECTION SERVICES FOR THE CURTNER ROAD BOOSTER STATION UPGRADE PROJECT AND WASHINGTON BOOSTER STATION FLOW METER PROJECT

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SUMMARY: The Curtner Road Booster Station Upgrade Project and Washington Booster Station Flow Meter Project (collectively, the “Project”) include improvements to two booster pump stations. Construction of the Project is anticipated to begin in June 2022 with an environmental permit requirement for certain components of work at Curtner Road Booster Station to be completed by September 30, 2022. Additionally, to meet seasonal water service demands, the upgraded Curtner Road Booster Station must be completed and returned to service in advance of high-demand summer months. The scope of the work will consist primarily of electrical and mechanical upgrades to the facility in addition to structural and site improvements. A large component of this work will require complex knowledge and expertise in plant electrical and mechanical equipment installation, testing, and operation. To help ensure compliance with contract and regulatory permit requirements as well as District operational needs, construction management and construction inspection services are required. There is adequate funding in the Capital Improvement Program for this expenditure. The scope and need for construction management and inspection services were reviewed with the Engineering & Technology Committee on April 20, 2022. Board award of this contract will help meet the District’s Strategic Plan Goal 1.1 – Efficiently Manage and Maintain our Infrastructure to Ensure Reliability.

RECOMMENDATION: By motion, authorize the General Manager to execute a professional services agreement with Kennedy/Jenks Consultants, Inc. in an amount not to exceed \$955,301 for construction management and inspection services for the Curtner Road Booster Station Upgrade Project and Washington Booster Station Flow Meter Project, Jobs 21247 and 21197.

DISCUSSION: The Curtner Road Booster Station requires replacement of the existing mechanical and electrical equipment and the Washington Booster Station requires installation of flow measuring equipment to monitor water leaving the station and flowing into Pressure Zone 3. Construction of the Project is anticipated to begin in June 2022 and various components of work must be completed in accordance with contractual milestones established by the environmental permits and operational needs of the District to meet customer demand. Given the complexity of various overlapping components of work and the associated milestones at the Curtner Booster Station, consultant services are necessary to provide continuity with no interruption of coverage to construction management and inspection services to proactively assess the construction contractor’s progress against their schedule, coordinate the activities of the design and environmental monitoring consultants, third party inspector, and special inspection and testing

Board of Directors

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May 13, 2022

personnel with the construction contractor's progress, work to ensure required operational and project permit milestones are completed on schedule, and ensure compliance with the contract. The consultant will also provide necessary structural, electrical, and mechanical inspection.

Staff issued a Request for Proposals (RFP) on March 24, 2022, requesting interested firms to submit proposals for construction management services in support of the Project. On April 26, 2022, three proposals were received. Each proposal was evaluated based upon established criteria in the RFP including minimum experience requirements, project understanding, project approach and proposed scope of work, company and personnel qualifications, and level of effort. Based upon this evaluation, two firms were invited to interviews, and two were interviewed. Based on a comprehensive evaluation of proposals and interviews, Kennedy Jenks of Walnut Creek, California was the highest ranked proposer based on the evaluation criteria established in the RFP.

Kennedy Jenks scope of services includes: 1) field monitoring and contractor coordination, 2) construction inspection and daily reporting, 3) technical submittal review and coordination, 4) quality assurance and quality control activities, 5) maintenance of project documentation, 6) project change management, and 7) special inspection and testing coordination and management. Kennedy Jenks's estimated cost for the requested services, based on a time and expense basis for the work, is \$955,301. Staff has negotiated the proposed scope of work and level of effort with Kennedy Jenks and finds the scope of work, estimated level of effort, and costs to be reasonable for the services to be provided over the construction period.

cc: Executive Staff

**ALAMEDA COUNTY WATER DISTRICT**

**BID SUMMARY**

**CURTNER ROAD BOOSTER STATION UPGRADE PROJECT  
AND WASHINGTON BOOSTER STATION FLOW METER PROJECT**

**Jobs 21247 and 21197**

**Advertised 3/23/2022**

**Bids Opened 4/26/2022**

**Total Bids Received (2)**

**Original Bid Amt.  
Total For Comparison**

**Anvil Builders Inc\***

**\$5,669,770**

**Disney Construction**

**\$6,428,000**

\* Anvil Builders Inc.'s bid was withdrawn.

RESOLUTION NO. \_\_\_\_\_

OF BOARD OF DIRECTORS OF ALAMEDA COUNTY WATER DISTRICT  
AWARDING THE CONTRACT FOR THE CURTNER ROAD BOOSTER  
STATION UPGRADE PROJECT AND WASHINGTON BOOSTER STATION  
FLOW METER PROJECT TO DISNEY CONSTRUCTION, INC., JOB NOS.  
21247 AND 21197

\_\_\_\_\_  
WHEREAS, the General Manager has so recommended.

BE IT RESOLVED by the Board of Directors that:

1. The plans and specifications prepared for the CURTNER ROAD BOOSTER STATION UPGRADE PROJECT AND WASHINGTON BOOSTER STATION FLOW METER PROJECT, Job Nos. 21247 and 21197 are approved and adopted.

2. The bid submitted by DISNEY CONSTRUCTION, INC., is accepted.

3. The contract for Job Nos. 21247 and 21197 is awarded to DISNEY CONSTRUCTION, INC. in the amount of \$6,428,000 for the CURTNER ROAD BOOSTER STATION UPGRADE PROJECT AND WASHINGTON BOOSTER STATION FLOW METER PROJECT, and the President of the District is authorized to execute the contract on behalf of the District.

PASSED AND ADOPTED this 18<sup>th</sup> day of May 2022, by the following vote:

AYES:

NOES:

ABSENT:

\_\_\_\_\_  
John H. Weed, President  
Board of Directors  
Alameda County Water District

ATTEST:

APPROVED AS TO FORM:

\_\_\_\_\_  
Gina Markou, District Secretary  
Alameda County Water District  
(Seal)

\_\_\_\_\_  
Patrick T. Miyaki, General Counsel  
Alameda County Water District