



Auburn Valley Community Service

District

P.O. Box 8138 Auburn, California 95604

Date: June 24, 2022

Task Order No. 1.2

Bennett Engineering Services Inc
1082 Sunrise Ave, Ste 100
Roseville, CA 95661

This Task Order authorizes Bennett Engineering Services Inc (BEN|EN) to provide the professional services described below. Services are to be performed in accordance with the Agreement dated December 13, 2021, Auburn Valley Community Service District and Bennett Engineering Services, as amended.

Project Name: Emergency Fund: Well 4 Repair

Budget: Task Order #1.2 budget is not to exceed \$13,000 as provided in exhibit B. To be invoiced on time and materials at Professional Standard Rates per Agreement for Fiscal Year 2021/2022.

Scope of Work: BEN|EN provided emergency engineering services when well 4 failed, including but not limited to: Emergency response, community outreach, board coordination, Contractor coordination, engineering calculations, installation method research, material sourcing, and well troubleshooting, and more as described in Exhibit A. Additional professional services not outlined in the Task Order No. 1.2 scope of services will require additional task orders to be assigned and approved by the District Board.

Auburn Valley Community Services District

Approved: _____
Jim Leidigh, President

Date: _____

Bennett Engineering Services Inc

Approved: _____
Leo Rubio, President

Date: _____

Exhibit A: Scope of Services TO 1.2

TO MASTER SERVICES AGREEMENT BETWEEN CLIENT AND CONSULTANT

Client: Auburn Valley Community Service District (AVCSD or District)

Consultant: Bennett Engineering Services Inc (BEN|EN)

Project: TO#1 General Manager and District Engineering Services

Date: June 24, 2022



TRUSTED ENGINEERING ADVISORS

Bennett Engineering Services
1082 Sunrise Avenue, Suite 100
Roseville, California 95661

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www.ben-en.com

Consultant's services shall be limited to those expressly set forth below, and Consultant shall have no other obligations or responsibilities for the Project or to the Client except as agreed to in writing or as provided in this Agreement. All of Consultant's services in any way related to the Project or Client shall be subject to the terms of this Agreement.

TASK 3. Emergency Fund - **OPTIONAL**

The General Manager/District Engineer will provide emergency support for the District's water and wastewater system needs. This task will only be utilized and billed to with the authorization from at least one (1) member of the Auburn Valley Community Service Districts Board. The Board may authorize use of emergency funds of up to \$5,000, annual, unless additional funds are authorized by the board. Task Order 1.2 authorizes an additional \$13,000 for emergency support with the Well #4 repairs, as described in Subtask 3.1.

Subtask 3.1. Well 4 Repair

The BE|EN team has assisted the District with emergency support since the failure of Well 4. The DE was notified over the phone, and immediately began coordinating with the contracted operators and board members to determine the issue and next steps and gain access through the downed trees. The team drafted a notice of Emergency Water Shortage to the community to cease all irrigation. BEN|EN worked with the operators to assist with the County's concerns regarding manganese and prepared the manganese notification.

The team completed calculations and determined the District did not meet the requirements of the maximum daily demand and drafted an emergency resolution that was passed by the board authorizing them to bypass competitive bidding to contract for work on Well 4 and authorizing the board to spend money from the reserve fund for the emergency work.

Once the funds were authorized the team worked with the operators and the Board to draft updates to the community, respond to homeowner complaints and concerns, and assisted with troubleshooting the Well #4 failure. New methods of installation were researched such as Boreline products, and thread protectors instead of couplings. The team assisted the operators in sourcing the pump and parts, tracking down specifications, well reports, manuals, and other missing information and reviewing materials to aid in decision making to expedite the repair.

The team attended the well inspection, researched borehole cleaning methods, and contact experts for advice on the situation. Flow calculations were completed for the first pump and the second pump that was installed and research was completed on well installation to determine the appropriate depth to set the new pump, and on VFDs to achieve greater variability for pumping.

The BEN|EN team assisted in coordinating the installation, attended the installation for a short period of time, and provide support for bringing the well back online. Once the well was installed, treated and chlorinated the team drafted a letter to homeowners reinstating the previous irrigation schedule.

INITIALS:

Exhibit B: Fee Estimate TO 1.2



Client: Auburn Valley Community Service District (AVCSD)

Consultant: Bennett Engineering Services Inc

Project: TO 1.2 Emergacny Fund - Well 4 Repair

Date: June 24, 2022

Fee Estimate	Project Manager IV 204 \$/hr		Engineer II 168 \$/hr		Administrative 80 \$/hr		BEN EN Subtotal		MISC. EXPENSES	ANNUAL TOTAL (NOT TO EXCEED)
	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost		

OPTIONAL TASKS: Task 3 Emergency Fund**

3.1 OPTIONAL: Well 4 Repair	41 hrs	\$8,364	24 hrs	\$4,032	5 hrs	\$400	70 hrs	\$12,796	\$204	\$13,000
OPTIONAL TASK 3 TOTAL MAXIMUM PER AUTHORIZATION	41 hrs	\$8,364	24 hrs	\$4,032	5 hrs	\$400	70 hrs	\$12,796	\$204	\$5,000
PROJECT TOTAL with OPTIONAL TASKS	41 hrs	\$8,364	24 hrs	\$4,032	5 hrs	\$400	70 hrs	\$12,796	\$204	\$13,000

Additional Fee Information

- ▶ The monthly total may be less, but shall not exceed \$3,500 with out prior authorization from the District.
- ▶ The District has the right to make more than one authorization a month. Each authorization shall be for no more than \$5,000 and with the approval of at least one AVCSD member. There is no maximum limit to the number of authorizations that can be made by the District.
- ▶ This fee estimate is valid for 90 days from the date show above.
- ▶ This fee estimate contains an abbreviated list of staff classifications and does not restrict BEN|EN to those classifications. The Standard Rate Schedule with a full list of staff classifications is available upon request.
- ▶ This fee estimate contains an approximation of the breakdown between labor, expense, and consultants. BEN|EN reserves the rights to distribute funds differently based on project needs.
- ▶ Standard hourly rates do not apply to a demand to perform work during an overtime period. Work required to be performed during an overtime period (as mandated by California law) may be charged at a 50% premium. Work mandated by Prevailing Wage laws may be charged at a 25% premium.
- ▶ Hourly rates include all compensation for wages, salary-related benefits, overhead, general office administration, and profit. Direct project administrative hours will be billed at the rate shown above.
- ▶ Classifications may be added or removed as-needed without notice.
- ▶ Changes in the requested scope of work or projected schedule may result in the revision of the proposed fees and amendment to the total contract amount.

INITIALS:

