



Camarillo City Council

AGENDA REPORT

Date: November 13, 2024

To: Honorable Mayor and City Councilmembers

From: Greg Ramirez, City Manager

Submitted by: Dave Klotzle, Public Works Director

Subject: Well E (Project No. WT-5101) – Agreement Award for Engineering Design Services

BACKGROUND

The Well E – Project No. WT-5101 (Project) was added to the 5-Year Capital Improvement Program as a replacement well for Well D, an existing potable water production well located along the north side of the 101 Freeway just west of Las Posas Road, as shown in the attached Location Map (Attachment 1). The existing Well D has reached the end of its design life and must be replaced to maintain the City's groundwater pumping capacity. The Project will include determining the exact location of replacement Well E, design of the well drilling, and design of the filtration system to remove the naturally occurring iron and manganese. Well D groundwater is currently blended with imported State water purchased from Calleguas Municipal Water District to reduce the iron and manganese content to meet secondary drinking water standards. The new replacement well and filtration system will reduce and potentially eliminate the need for blending with imported water, providing a continued reliable local groundwater source.

Existing Well D facilities, including the motor control center and chemical system for the addition of chloramines, will also be replaced as part of this Project. The Project will be phased into three construction contracts: 1) installation of the treatment system and replacement of the existing facilities; 2) drilling of the new Well E; and 3) equipping the new Well E with the necessary piping, motor and controls. This project phasing will allow the filtration system to be constructed in time to be brought online when the new well is equipped and ready to pump and deliver groundwater. The design of the first two project phases is included in the scope of work of this proposed design agreement which will need to be amended by City Council approval in the future to include the equipping of the new Well E.

DISCUSSION

Consultant professional engineering services are required for the design of the Project. On December 16, 2023, staff advertised a Request for Qualifications (RFQ) for professional engineering services for the Project and received five (5) Statements of Qualifications (SOQ). Staff selected Hazen and Sawyer as the most qualified firm to provide the necessary engineering services. Hazen and Sawyer has experience designing similar types of municipal well projects, specifically with treatment systems, and is qualified to provide the necessary professional engineering services for the Project.

Staff has negotiated a scope of services and fee with Hazen and Sawyer for well treatment and well drilling design services and recommends approving a standard professional services agreement with Hazen and Sawyer in an amount not-to-exceed \$1,269,217.45 (Attachment 2) for engineering services.

FISCAL IMPACT

Approximately \$400,000 is expected to be spent in FY 2024/25 with the remaining \$869,217.45 spent in FY 2025/26 and FY 2026/27. Funds for the Professional Services Agreement with Hazen and Sawyer are included in the Water Capital Projects Fund, 863-8710-487.92-21 and Project WT-5101.

RECOMMENDATION

Authorize the City Manager to execute Professional Services Agreement No. 2024-181 with Hazen and Sawyer in an amount not-to-exceed \$1,269,217.45 for professional engineering services.

ATTACHMENTS

1. Location Map
2. CC Agreement No. 2024-181

REFERENCE MATERIALS – AVAILABLE FOR REVIEW AT CITY HALL

None