



# DRAFT

## CITY OF SANTA BARBARA

### COUNCIL AGENDA REPORT

**AGENDA DATE:** April 9, 2024

**TO:** Mayor and Councilmembers

**FROM:** Engineering Division, Public Works Department

**SUBJECT:** Pre-Bid Constructability Review Services for the Cater Water Treatment Plant Reservoir Resiliency Project [Agreement]

#### **RECOMMENDATION:**

That Council authorize the Public Works Director to execute a City Professional Services contract with Mimiaga Engineering Group Inc., in the amount of \$275,740 for pre-bid constructability review services for the Cater Water Treatment Plant Reservoir Resiliency Project and authorize the Public Works Director to authorize \$27,574 for potential extra services, for a total expenditure authority of \$303,314.

#### **DISCUSSION:**

##### Background

The existing Cater Water Treatment Plant (Cater) Clear Well was constructed in 1962. The Clear Well is a reservoir that stores filtered water and allows for sufficient chlorine contact time for disinfection. The Clear Well also provides storage capacity to accommodate changing water system demands. The existing Clear Well is a buried concrete structure with a maximum operating storage volume of approximately five million gallons. The Cater Water Treatment Plant Reservoir Resiliency Project (Project) will install an approximately 2.5-million-gallon second reservoir as a chlorine contact basin adjacent to the existing Clear Well. The Project will address several operational concerns, including improving chlorine contact time for the disinfection process, providing the ability to bypass the existing Clear Well for maintenance purposes, and enhancing the system's resiliency by improving storage and supply balancing capabilities. Additional work includes seismic retrofits to the existing Clear Well, modified stormwater design, and the design of a new solar power installation.

##### Current Status

In June 2021, Council approved Professional Services Agreement No. 26,976 with Carollo Engineers Inc., (Carollo) for the Project's design. In October 2022, Council authorized staff to apply for a Drinking Water State Revolving Fund installment agreement to fund the Project's planning, design, and construction. Council determined the Project

to be exempt under California Environmental Quality Act (CEQA) guidelines in February 2023. In June 2023, Council approved an increase to Professional Services Agreement No. 26,976 to accommodate changes identified in preliminary design. The Project's design is currently 90% complete. Pending the final funding agreement, the Project is anticipated to be publicly advertised in winter 2024 and construction is anticipated to begin in summer 2025, with an estimated duration of 30 months.

#### Pre-Bid Consultant Engineering Services

The contract recommended for approval in this report will provide pre-bid constructability review services, which will consist of a review of the Project's plans, specifications, cost estimate, permits, reports, schedules, and work sequencing and phasing. All relevant information will be checked, corrected, and backchecked for accuracy and completeness. A technical memorandum will be prepared with recommended phasing requirements and findings from the plans, specifications, and cost estimate review, which will be delivered prior to bidding the Project and incorporated into the final construction documents. This contract will also support the Project through the bidding and award process.

Mimiaga Engineering Group Inc., (MEG) is experienced in this type of work and was selected through a competitive Request For Proposals (RFP) process that received proposals from three qualified firms. The RFP included the full scope of work for a consultant to provide pre-bid constructability review services, support during bidding and award, and construction management and inspection services during the Project's construction. This contract includes only the scope of work to provide pre-bid services and support during bidding and award. A separate contract for construction management and inspection services will be recommended for approval concurrent with the construction contract award.

Staff recommends that Council authorize the Public Works Director to execute a contract with MEG in the amount of \$275,740 for pre-bid constructability review and authorize the Public Works Director to authorize \$27,574 for potential extra services, for a total expenditure authority of \$303,314.

A copy of the contract may be requested from the Public Works Department for public review by contacting [PWInfo@SantaBarbaraCA.gov](mailto:PWInfo@SantaBarbaraCA.gov).

#### **BUDGET/FINANCIAL INFORMATION:**

The following summarizes all estimated total Project costs:

### ESTIMATED TOTAL PROJECT COST

Design (Carollo)	\$1,338,506
Other Design Costs (City staff)	\$268,000
<b>Design Subtotal</b>	<b>\$1,606,506</b>
Pre-bid Constructability Review (MEG)	\$303,314
Estimated Construction Contract w/Change Order Allowance	\$35,750,000
Estimated Construction Management/Inspection (MEG)	\$3,300,000
Estimated Construction Administration (City staff)	\$220,000
Estimated Other Construction Costs (testing, etc.)	\$280,000
<b>Construction Subtotal</b>	<b>\$39,853,314</b>
<b>TOTAL PROJECT COST</b>	<b>\$41,459,820</b>

There are sufficient expenditure appropriations in the Water Capital Fund in Fiscal Year 2023 to cover the recommended contract for MEG's pre-bid services for the Project. A Drinking Water State Revolving Fund loan is anticipated to fund the Project's construction and to reimburse the City for planning and design costs.

### SUSTAINABILITY IMPACT:

Cater is a critical facility for maintaining regional drinking water quality and regulatory compliance. This Project will increase the reliability of the treatment process, and the supporting infrastructure provides the opportunity to develop solar array and additional battery storage system at this site, helping to reduce energy costs while meeting the City's 100% renewable electricity goal.

### ENVIRONMENTAL REVIEW:

On February 14, 2023, Council determined that the Project is CEQA exempt under Guidelines §15301 and §15302.

### WATER COMMISSION RECOMMENDATION:

This item was presented to the Water Commission at its meeting on March 21, 2024, and the Commission voted **X-X-X** in support of staff's recommendations.

**PREPARED BY:** Brian D'Amour, P.E., City Engineer/PM/rl

**SUBMITTED BY:** Clifford M. Maurer, P.E, Public Works Director

**APPROVED BY:** City Administrator's Office