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## CITY OF SANTA BARBARA

### COUNCIL AGENDA REPORT

**AGENDA DATE:** November 15, 2022

**TO:** Mayor and Councilmembers

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

**SUBJECT:** On-Call Water Main Design Services for Water Main Replacement Program [Contracts]

**RECOMMENDATION:** That Council:

- A. Approve pre-qualifying professional engineering firms to provide on-call water main design services for the Water Resources Division's water facilities for five years; and
- B. Authorize the Public Works Director to execute two five-year Master Agreements with the selected firms in an amount not to exceed \$3,000,000 each.

### **DISCUSSION:**

#### Background

The City of Santa Barbara's (City) Water System is comprised of a surface water treatment plant, groundwater treatment plant, 12 pump stations, 13 reservoirs, and 19 pressure reducing stations. These facilities convey water through approximately 307 miles of water mains for the consistent delivery of safe drinking water to the City's water customers. In the event of an unanticipated equipment failure, it is important to have the necessary engineering support available to quickly assist with returning equipment to working order. Replacing segments of the main prior to breaking allows the system to operate efficiently. The City aims to complete two water main replacement projects per year, with the goal of replacing two percent of the City's water mains each year.

Staff desires to have professional engineering firms on-call to provide timely preparation of plans and specifications for the ongoing Water Main Replacement projects.

#### Project Description

Through a Request for Qualifications process, received proposals from the following six highly qualified professional engineering firms to provide on-call engineering design services for Water Main Replacement projects:

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1. Cannon Corporation (Cannon)
2. Jensen Design & Survey, Inc.
3. Lee & Ro, Inc.
4. MKN & Associates, Inc.
5. Stantec Consulting Services, Inc. (Stantec)
6. Wallace Group

The two selected firms were Stantec and Cannon. These firms ranked highest and were selected for the On-Call list. Both firms are well qualified and have substantial water resources engineering experience. Staff recommends that Council approve both Stantec and Cannon to be on the City's prequalified list to provide on-call engineering support for Water Main Replacement projects.

#### On-Call Design Phase Consultant Engineering Services

Staff recommends that Council authorize the Public Works Director to execute two Master Agreements (Agreements): one with Stantec and one with Cannon, each in an amount not to exceed \$3,000,000 for design. This contract is expected to cover at minimum two water main projects per fiscal year over the span of the five year period. Both firms were selected as part of a Request For Qualifications process that required interested firms to prepare a proposal in response to an example task order for an anticipated Water Main Replacement project. The proposals prepared by Stantec and Cannon were determined as the best to suit the City's needs.

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

No funds will be encumbered until individual projects are identified. At that time, the cost for each individual project will be negotiated with the selected firm, and a task order will be created with the selected firm. Funds will be encumbered prior to the start of work. Expenditures for on-call water main design services will be funded by appropriations in the Water Fund.

#### **SUSTAINABILITY IMPACT:**

On-call engineering services will provide the ability to have a rapid response to operational and maintenance problems related to Water System facilities such as reducing water main breaks and wasted water. As a result, the water system will be better able to provide continuous safe drinking water to help ensure public health and safety.

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).

#### **ENVIRONMENTAL REVIEW:**

All Water Main Replacement projects are reviewed for compliance with the California Environmental Quality Act prior to constructing.

**WATER COMMISSION:**

This item was presented to the Water Commission at its meeting on October 20, 2022, and the Commission voted **X-X** in support of staff's recommendations.

**PREPARED BY:** Philip Maldonado, P.E., Interim Principal Engineer/VF/rl

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

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