



# CITY OF SANTA BARBARA

## COUNCIL AGENDA REPORT

**AGENDA DATE:** April 11, 2017

**TO:** Mayor and Councilmembers

**FROM:** Water Resources Division, Public Works Department

**SUBJECT:** Approval Of On-Call Engineering Service Firms For Water System Facilities

**RECOMMENDATION:** That Council:

- A. Approve a list of pre-qualified professional engineering firms to provide on-call engineering services for Water System Facilities, that will expire on April 11, 2020;
- B. Authorize the Public Works Director to execute a three-year Master Agreement with Carollo Engineers in the amount of \$350,000; and
- C. Authorize the Public Works Director to execute a three-year Master Agreement with Dudek, in the amount of \$350,000.

**DISCUSSION:**

The City's 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 work in conjunction to 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.

Staff desires to have professional engineering firms on-call to provide a rapid response to operational and maintenance problems associated with Water System facilities. Anticipated tasks include:

- providing engineering solutions for refurbishing, upgrading, or replacing equipment as necessary
- performing system evaluations for enhancing system operations
- controlling water pressure and flow
- combatting corrosion
- improving water quality
- responding to emergencies

Through a Request for Qualifications process, staff solicited interest from the following five highly-qualified professional engineering firms to provide on-call engineering services for Water System facilities:

1. Brown and Caldwell
2. Carollo Engineers
3. Dudek
4. Kennedy/Jenks
5. Tetra Tech

The two responding firms were Carollo Engineers (Carollo) and Dudek. Both firms are well qualified, have substantial water resources engineering experience, and have successfully performed work for the City's Water Resources Division in the past.

Staff recommends that Council approve both Carollo and Dudek to be on the City's pre-qualified list to provide on-call engineering support for Water System facilities for a three-year period. Additionally, staff recommends that Council authorize the Public Works Director to execute a three-year Master Agreement with both Carollo and Dudek, each in the amount of \$350,000.

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

The majority of these professional engineering services will be funded through individual CIP project budgets. Other professional engineering services unrelated to a specific CIP project, such as a specific study or investigation, will be funded by the program that the work is supporting. The cost for each individual project and task will be negotiated in advance of and encumbered prior to the start of the work. The cost of all work under each of these two contracts will not exceed \$350,000.

A copy of the contract is available for public review in the City Clerk's Office.

#### **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. As a result, the water system will be better able to provide continuous safe drinking water to help ensure public health and safety.

**PREPARED BY:** Catherine Taylor, P.E., Water System Manager/cmw

**SUBMITTED BY:** Rebecca J. Bjork, Public Works Director

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