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CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: January 28, 2020

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Design Of Caltrans Sewer Pipe Crossing Rehabilitation Project

RECOMMENDATION:

That Council authorize the Public Works Director to execute a City Professional Services contract with Carollo Engineers (Carollo) in the amount of \$350,000 for design services of the Caltrans Sewer Pipe Crossing Rehabilitation Project, and authorize the Public Works Director to approve expenditures of up to \$35,000 for extra services of Carollo that may result from necessary changes in the scope of work.

DISCUSSION:

Background

The City's sanitary sewer system conveys wastewater from the City, across Highway 101, to the El Estero Water Resource Center for treatment. The City has identified at least 19 sewer mains that cross Highway 101. The City would like to consolidate sewer mains within the Caltrans right-of-way and reduce the number of crossings under Highway 101 to help minimize the risk to the City. The reduced amount of crossings will abbreviate the lengthy coordination process with Caltrans, lessen the number of difficult traffic control needs on Highway 101, and lower cleaning frequency while maintaining operational flexibility and safety.

Project Description

The design contract work will be split into two phases, the alternative analysis phase followed by the design phase. The Project will start with updating and expanding on the City's existing hydraulic sewer model. The City's hydraulic model was last calibrated in 2014. The updated hydraulic model will assess the condition and capacity of the sewer collection system adjacent to, and crossing, Highway 101 in order to determine alternative configurations for the identified pipes. Potential alternatives will be evaluated against each other to determine the design alternative that best meets the City's budget and goals. Alternatives will account for required coordination and permitting with both Caltrans and Union Pacific Railroad. The

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selected design alternative will be developed into plans and specification suitable for public bidding.

Design Phase Consultant Engineering Services

Staff recommends that Council authorize the Public Works Director to execute a contract with Carollo in the amount of \$350,000 for design, \$35,000 for potential extra services, for a total amount of \$385,000. Carollo was selected as the design consultant for this Project through a competitive Request for Proposals (RFP) process. Four proposals were received and staff held interviews with the two top ranked proposing consultants. Carollo was selected based on their qualifications and understanding of the City's needs and sanitary sewer system.

Community Outreach

Outreach will be developed based on the type of work, location, and surrounding properties. Outreach will be performed during final design and prior to construction activities taking place. It will include notifications by mail, identification and direct contact with facilities that may be impacted, and an informational website during the design phase. It will include postings, social media posts, and site canvassing during the construction phase.

BUDGET/FINANCIAL INFORMATION:

There are sufficient appropriated funds in the Wastewater Fund to cover the costs of this consultant contract. The cost of future construction projects that are recommended will be included in future budget cycles.

SUSTAINABILITY IMPACT:

The purpose of this project is to further the City's goal of minimizing sanitary sewer overflows (SSO). There are no direct impacts on sustainability but it is likely to reduce maintenance costs, truck trips, and water use due to frequent cleanings.

ENVIRONMENTAL REVIEW:

This project is anticipated to require California Environmental Quality Act (CEQA) compliance along with Coastal Development review. Applications will be developed based on the selected alternatives and associated impacts.

WATER COMMISSION RECOMMENDATION:

This item was presented to the Water Commission at its meeting on December 19, 2019, and the Commission voted X-X in support of staff's recommendations.

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

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SUBMITTED BY: Rebecca J. Bjork, Public Works Director

APPROVED BY: City Administrator's Office