City of Sacramento

Legislation Details (With Text)

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Title:	Agreement: 24th Street Combined Sewer System (CSS) In-Line Storage Pipe and the 25th and W Street CSS Storage Facility [Published for 10-Day Review 02/25/2021]		
Sponsors:			
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Attachments:			

Date	Ver.	Action By	Action	Result

Title:
Agreement: 24th Street Combined Sewer System (CSS) In-Line Storage Pipe and the 25th and W Street CSS Storage Facility [Published for 10-Day Review 02/25/2021]

File ID: 2021-00126

Location: District 4
Recommendation:
Pass a Motion authorizing the City Manager or the City Manager's designee to execute a Professional Services Agreement with West Yost & Associates (West Yost) to provide engineering services for the 24th Street In-Line CSS Storage Pipe and the W Street and 25th Street CSS Storage Facility projects for the Combined Collection System Rehabilitation and Replacement Program (X14170100) for an amount not-to-exceed $1,880,259.
Contact: Tim Moresco, Project Manager (916) 808-1432; Luz "Nina" Buelna, Supervising Engineer (916) 808-4937; Tony Bertrand, Engineering & Water Resources Division Manager, (916) 808-1461; Department of Utilities
Presenter: None

Attachments:
1-Description/Analysis
2-Agreement

Description/Analysis

Issue Detail: Staff recommends Council approve an agreement with West Yost, to provide engineering services for the 24th Street Combined Sewer System (CSS) In-Line Storage Pipe and the 25th and W Street CSS Storage Facility projects.

The initial design concept for the 24th Street CSS In-Line Storage Pipe Project is to install a 108-inch storage pipe along 24th Street, between N Street and H Street, as well as an additional 108-inch pipe on K Street between 24th Street and 25th Street. The 25th and W Street CSS Storage Facility Project features a combination of a new underground storage facility, as well as the upsizing of many nearby pipes. West Yost will be performing feasibility analyses on both concepts, as well as providing additional similar alternatives for the reduction of outflows and flooding that would satisfy the CSS National Pollutant Discharge Elimination System (NPDES) Permit conditions.

As part of the NPDES Permit, the City is required to implement and maintain a CSS Long-Term Control Plan (LTCP) which identifies priority projects that would provide the most benefit in reaching the ultimate goals of reducing outflows and flooding in the CSS area during a 10-year storm and prevent structure flooding during a 100-year storm event. These projects were both identified in the top 20 percent of the priority projects.

Policy Considerations: City Council approval is required for professional service agreements of $250,000 or more per City Code 3.64.020.

The Sacramento City Code Section 4.04.020 and Council Rules of Procedure (Chapter 7, Section E.2.d) mandate that unless waived by a 2/3 vote of the City Council, all labor agreements and all agreements greater than $1,000,000 shall be made available to the public at least ten (10) days prior to council action. This contract was published for 10-day review on February 25, 2021 as required.

Economic Impacts: None.

Environmental Considerations: This report concerns administrative activities that will not have a significant effect on the environment and does not constitute a “project” as defined by California Environmental Quality Act (CEQA) Guidelines Sections 15378(b)(5) and is not subject to CEQA (CEQA Guidelines Section 15060(c)(3)). Appropriate environmental review pursuant to the requirements of CEQA will be completed prior to any action that would result in a physical effect on the environment.

Sustainability: The proposed project is consistent with the 2035 General Plan Policy U 3.1.3 (Stormwater Infiltration Reduction) as it will rehabilitate and improve the existing CSS to decrease flooding, CSS outflows and combined system overflows.

Commission/Committee Action: Not applicable.

Rationale for Recommendation: On October 30, 2020, a Request for Proposal (RFP) (P21141311003) was advertised and issued on PlanetBids for engineering services for the 24th Street CSS In-Line Storage Pipe and the 25th and W Street CSS Storage Facility projects. On the due date of November 25, 2020, three proposals were received from the following firms:

1. West Yost
2. Stantec Consulting Services Inc.
3. Brown & Caldwell

A five-member evaluation team, that included staff from the Department of Utilities and one member from Public Works, evaluated the proposals and interviewed the three firms. West Yost was the top-ranked firm.

Financial Considerations: The proposed agreement is for an amount not-to-exceed $1,880,259. Sufficient funding exists in the Combined Collection System Rehabilitation and Replacement Program (X14170100) to award the agreement.

There are no General Funds allocated or planned for this project.

Local Business Enterprise (LBE): West Yost is an LBE.

Background: The CSS area of Sacramento consists of the Downtown, East Sacramento, Land Park, and Oak Park areas. These areas have historically been subject to flooding or sewer outflows during heavy storm events due to insufficient piping conveyance capacity and relatively low elevations. In 1995, City Council adopted the Combined Sewer System Improvement Plan (CSSIP) which identified facilities intended to temporarily store peak combined sewage and storm drainage flows, reduce impacts on downstream components of the CSS, and obtain rescission of the Combined Sewer System Cease and Desist Order. As a result, the City has completed the construction of three off-line storage projects (Oak Park, 42nd Street and University of California Davis (UCD) Medical Center), with a fourth currently under construction (McKinley Park), several in-line storage projects (Tahoe Park/Broadway Parallel Sewer, Land Park Relief Sewer, 9th Street, and East End Project Relief Sewer), and the reconstruction of the system's two pump stations, Sump 1 and Sump 2.

In 2014, the City updated the CSSIP which identified several storage improvement projects that would help reach the ultimate goals of the NPDES Permit, which are to reduce outflows and flooding in the CSS area during a 10-year storm event and prevent structure flooding (as well as outflows) during the 100-year storm event. During large rain events such as the 10-year storm, combined sewage can surcharge the system and result with outflows onto the streets and cause ponding. Water on the surface in these instances is a combination of combined sewage outflowing from the collection system that has reached maximum capacity, and stormwater runoff that cannot be drained on account of the system being full. In 2018, the City used the CSSIP Report to develop and

implement the LTCP, which uses the adaptive management strategy and starts with implementation of the top 20 percent of prioritized projects identified in the CSSIP. Two of the high-priority projects identified in the LTCP were the 24th Street CSS In-Line Storage Pipe and the 25th and W Street CSS Storage Facility projects.

Other interim goals of the LTCP and the NPDES Permit are as follows:

- Obtaining protection first from a 5-year storm, and then from a 10-year storm, in the six areas prone to flooding (including downtown, north of Capital Park; UCD Medical Center area; immediately south of Highway 80 between Riverside and Freeport; the area northeast of Highway 99 and Highway 80 interchange; the area northwest of Highway 99 and Highway 80 interchange and the Land Park area)
- Obtaining protection first from a 5-year storm, and then from a 10-year storm, throughout the CSS area

On August 14, 2020, the California Regional Water Quality Control Board, Central Valley Region issued the City's Permit specifying Waste Discharge Requirements for the City's Combined Wastewater Collection and Treatment System (Order R5-2020-0039). Among other items, the Permit requires the City to update and implement its LTCP.

Once the top 20 percent of projects are completed, the City shall recalculate the 5-year, 10-year, and 100-year design storm return frequencies based on current climate information and consider the effects of climate change, as appropriate. The updated design storm return frequencies shall be incorporated into the LTCP and the evaluation of the prioritized projects.