

City of Sacramento

Legislation Text

File #: 2019-00059, **Version:** 1

Title:

Change Order: 9th Street Sewer Improvements, G to L Streets

File ID: 2019-00059

Location: District 4

Recommendation:

Adopt a Resolution: 1) authorizing the City Manager or the City Manager's designee to execute Change Order No. 7 to City Agreement No. 2017-0501 with McGuire and Hester, for an amount not-to-exceed \$982,815, bringing the agreement's total not-to-exceed amount to \$7,126,466; 2) resetting the City Manager's authority to issue Change Orders for the Agreement, and 3) approving budget related transfers.

Contact: Richard Dalrymple, Project Manager (916) 808-1446; Brett Grant, Supervising Engineer (916) 808-1413; Dan Sherry, Engineering & Water Resources Division Manager, (916) 808-1419; Department of Utilities

Presenter: None

Attachments:

- 1-Description/Analysis
- 2-Change Order No. 7
- 3-Resolution

Description/Analysis

Issue Detail: Staff recommends Council approve Change Order No. 7 with McGuire and Hester for utility relocations due to unforeseen conditions related to fiber optic conduits and additional work to grind, overlay, and restripe 9th Street from G to L Street for an amount of \$982,815.

Policy Considerations: Per City Code Section 3.60.201, this Change Order exceeds the City Manager's approval authority and requires Council approval.

Economic Impacts: This Change Order is expected to create 3.93 total jobs (2.26 direct jobs and 1.67 jobs through indirect and induced activities) and create \$606,824 in total economic output (\$382,486 of direct output and another \$224,338 of output through indirect and induced activities).

The indicated economic impacts are estimates calculated using a calculation tool developed by the Center for Strategic Economic Research (CSER). CSER utilized the IMPLAN input-output model (2009 coefficients) to quantify the economic impacts of a hypothetical \$1 million of spending in various construction categories within the City of Sacramento in an average one-year period. Actual impacts could differ significantly from the estimates and neither the City of Sacramento nor CSER shall be held responsible for consequences resulting from such differences.

Environmental Considerations: The construction of the 9th Street Sewer Replacement project was determined to be within the scope of the environmental impact report (EIR) prepared for the City's Combined Sewer System Rehabilitation and Improvement Plan (SCH: 96082013) that was certified by the City Council in March 1997 (Resolution No. 97-123) and amended with an Addendum adopted by City Council in June 2013 (Resolution No. 2013-0186) in compliance with the California Environmental Quality Act (CEQA). No further environmental review is required.

Sustainability: The proposed project is consistent with the 2035 General Plan as it will be improving infrastructure reliability, which will reduce energy-intensive maintenance efforts.

Commission/Committee Action: Not applicable.

Rationale for Recommendation: Change Order No. 7 with McGuire and Hester authorizes adjustments to the project that are necessary to complete the 9th Street Sewer Improvements project and street overlay. Due to the unforeseen conflicts with multiple fiber optic lines throughout the project limits, construction was delayed to allow for the relocation of these fiber optic conflicts. Additionally, the City requested the Contractor perform extra work to grind, overlay, and stripe 9th Street. It was in the best interest of the City to add this scope to the project because 9th Street was scheduled to be repaved and restriped in the near future as part of the Public Works 9th Street Overlay and Downtown Mobility (protected bikeways) programs. The 9th Street Sewer Improvements project originally included repaving over the pipeline and at shaft locations. The scope was expanded to include the entire street, sharing the cost between Utilities and Public Works which resulted in a cost savings and reduced impacts to the businesses on 9th Street.

Financial Considerations: The original contract had a not-to-exceed amount of \$5,690,215. The net change by previous change orders in the amount of \$453,435, increased the contract not-to-exceed amount to \$6,143,651. Proposed Change Order No. 7 in the amount of \$982,815 (\$285,166 will be reimbursed from Public Works) would increase the contract not-to-exceed amount to \$7,126,466. In summary, the Proposed Change Order will be funded in the amount of \$982,815 per

the following project distribution:

Name	Project No.	Amount (USD)
9th St Sewer Project	X14010042	\$697,649
Street Overlay and Seals Program	R15182000	\$247,077
Downtown Mobility	T15195000	\$38,089
	Total:	\$982,815

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

Local Business Enterprise (LBE): McGuire and Hester is an LBE.

Background: On April 25, 2017, City Council approved the contract plans and specifications for the 9th Street Sewer Improvements, G Street to L Street Project and awarding the contract to McGuire Hester (2017-0501), for an amount not to exceed \$5,690,215.

The 9th Street Sewer Improvements, G to L Streets project is located in downtown Sacramento along 9th Street from G to L Street. It replaced the existing combined sewer pipeline with approximately 2,226 linear feet of 60-inch diameter combined sewer pipeline within the City right-of-way, adding in-line storage to reduce flooding and improve conveyance in the surrounding and upstream portions of the CSS.

Construction commenced in May of 2017 and the construction has experienced challenges due to the number of utilities (mostly fiber optic and gas) and their proximity to the proposed pipeline.

Below is a table identifying all the change orders, to date, for Construction services with McGuire Hester:

C.O. #	Award Date	Amount	Additional Scope
1	10/4/2017	\$26,691.33	Locate and verify existing brick sewer and AT&T vault Utilities at J-K Alley.

2	2/27/2018	\$70,931.21	The sewer alignment was re-designed per DCM-02.1 due to fiber optic utility conflicts at K Street. As part of the re-design, adjustments were made to the bid items. Additional potholing and verifying of unknown Utilities. Delay from starting the tunneled sections of pipe due to relocation of existing utilities, unforeseen utility conflicts as well as materials and labor resource delays.
3	3/21/2018	\$96,929.80	Locate and verify miscellaneous pipes and sewer laterals. Coordinate and support temporary fiber optic relocation at jacking shaft 01.
4	9/17/2018	\$96,507.00	Work to cut, cap, and remove portions of the abandoned gas and fiber optic mains. Locate and verify miscellaneous pipes and sewer laterals.
5	12/27/2018	\$95,847.00	Locate and verify Zayo fiber optic duct bank at L Street. Extend TBM drive 2 shoring modifications. Modify bypass system and install stabilization grouting. Premium for overtime and weekend work.
6	12/28/2018	\$66,529.00	Provide connections to the new 60" CS pipe and connect new 10-inch to 18-inch diameter CS pipe to existing manholes. Deleted work to install and connect individual sewer connections at Manhole to mitigate project delays.
CHANGE ORDER SUB TOTAL:		\$453,435.34	