

City of Sacramento
City Council - 2PM Report
915 I Street Sacramento, CA 95814
www.cityofsacramento.org

File ID: 2026-01666

10/13/2026

[Contract Amendment] Del Rio Sewer Force Main Rehabilitation [Published for 10-Day Review 09/30/2026]

File ID: 2026-01666

Location: District 7

Recommendation: Pass a **Motion:** 1) authorizing the City Manager or designee to execute Change Order No. 1 to City Agreement No. 2026-0179 with Insituform Technologies, LLC, for the Combined Sewer System Pipe Program (X14170100; Fund 6206), for an amount not to exceed \$2,331,084, bringing the agreement's total not-to-exceed amount to \$19,297,287; and 2) resetting the City Manager or designee's authority to issue contract amendments for the Agreement.

Contact: Angelo Vasquez, Project Manager, (916) 808-1701, arvasquez@cityofsacramento.org; Michelle Carrey, Engineering & Water Resources Division Manager, (916) 808-1438, mcarrey@cityofsacramento.org; Dalia Fadl, Director, (916) 808-3765, dfadl@cityofsacramento.org; Department of Utilities

Presenter: None

Attachments:

- 1-Description/Analysis
- 2-Change Order

Additional Description/Analysis

Issue Detail: Staff recommends City Council approve Change Order No. 1 with Insituform Technologies, LLC on Agreement No. 2026-0179, to compensate the Contractor for performing additional work associated with increasing the liner thickness on the Cured in Place Pipe (CIPP) process on the 72-inch Force Main Rehabilitation, adding carbon filtration to filter out the styrene concentration in the cured water from the CIPP process, and crediting the City of Sacramento (City) for unused lining launch and reception pit locations. This work included, but was not limited to, increased material costs, additional effort to accommodate the thicker liner installation, installation of the carbon filtration process, and additional traffic control. The total cost, including the credit, of this work is \$2,331,084, which was determined using the City Standard Specifications for Public

Construction 4-4, "Changes in the Work" and 8-10, "Payment by Cost and Percentage" and includes all labor, equipment, materials, overhead, and markups for the work described above. This change order is eligible for full reimbursement from the Sacramento Area Sewer District (SacSewer) under the Operations and Maintenance Agreement.

The City determined that the CIPP liner thickness needed to be increased when the CIPP liner vendor engineer determined that the liner thickness needed to be increased due to the probability of a higher than originally anticipated vacuum pressure present in the 72-inch Force Main. The vacuum pressure is the determining factor for the liner thickness to be used on the 72-inch Force Main, since this is a pressure that can be present in the 72-inch Force Main that would potentially pull the liner from the existing pipe material causing it to be compromised. The contractor was directed by the City to account for this higher vacuum pressure in their liner design, which increased the cost due to manufacturing a thicker liner and increased working day durations for each lining segment. The scope of work for this project exceeds the capabilities that City staff can perform due to the specialized installation of a CIPP liner on a 72-inch Force Main.

On June 17, 2026, after construction had begun, the County brought it to the City's attention that due to elevated styrene concentrations detected in cure water used in the CIPP liner process, the SacSewer EchoWater Treatment Facility suffered operational issues. Because of this issue, SacSewer requested that carbon filtration be installed on the discharge of the CIPP process to reduce the styrene concentration levels to "non-detectable levels" prior to discharge into the combined sewer system. This change order item is to compensate the Contractor for the additional work associated with implementing the carbon filtration system for each CIPP lining discharge to avoid any impacts to the SacSewer EchoWater Facility.

Lastly, the contract drawings identified ten (10) recommended excavation locations to be used as lining launch and reception shaft locations, or pit locations. The original design was intended to minimize the length of each of the lining segments to improve constructability. Due to the Contractor's means and methods, the Contractor identified a plan to utilize seven (7) out of the ten (10) recommended locations, implementing longer lining segments. This resulted in the Contractor crediting the City with three (3) unused pit locations.

Policy Considerations: This Change Order exceeds the City Manager's approval authority and requires Council approval pursuant to City Code 3.04.020.

Sacramento City Code Section 4.04.020 and the City Council Rules of Procedure (Chapter 7 Section E.2.d) mandate that unless waived by a two-thirds 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 10 days prior to City Council action. This item was published for 10-day review on September 30, 2026, in compliance with the City Code.

Economic Impacts: This phase of the project is expected to create 9.32 total jobs (5.36 direct jobs and 3.96 jobs through indirect and induced activities) and create \$1,439,292.75 in total economic output (\$907,197.22 of direct output and another \$532,095.53 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 subject project was reviewed and determined to be categorically exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines Section 15301. This project consists of the operation, repair, maintenance, permitting, leasing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of existing or former use by rehabilitating the existing force main.

Sustainability: The current project is consistent with the 2040 General Plan under policy PFS-4.4 as it rehabilitates critical infrastructure to ensure reliability and safety. The 72-inch Force Main is one of the key interceptors that conveys flows from the City's Combined Sewer System to the SacSewer EchoWater Treatment Facility. This project was identified through a joint assessment report from SacSewer and the City dated September 2021. Prompted by this report, a design for rehabilitation was completed in October 2025 by Woodard & Curran. Furthermore, this project is to support the reliability of critical infrastructure.

Commission/Committee Action: Not applicable.

Rationale for Recommendation: Change Order No. 1 is needed to provide compensation for the labor, equipment, markup, surcharges, and fees associated with the additional construction activities performed for the increased CIPP liner thickness and carbon filtration. The value of Change Order No. 1 exceeds the approval authority of the City Manager as the sum of all contract amendments for this agreement exceed 6% of the original contract value. (City Code 3.04.020.A.4)

Financial Considerations: The original not-to-exceed amount of the contract was \$16,966,203. The net change by Change Order No. 1 in the amount of \$2,331,084, increased the contract not-to-exceed amount to \$19,297,287. The work from this contract is subject to reimbursement from SacSewer due to an existing Operations and Maintenance Agreement for facilities owned by SacSewer but maintained by the City of Sacramento. There are sufficient funds in the Combined Sewer System Pipe Program (X14170100; Fund 6206) to execute this Change Order.

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

Local Business Enterprise (LBE): Insituform Technologies LLC is not an LBE but has partnered with McGuire & Hester for this project to exceed the minimum LBE participation requirement. McGuire & Hester will provide services related to heavy civil construction activities.

Contract Routing Sheet

Payment / Performance Bond Only

General Routing Information

Department: Utilities Department

Contract Coordinator: Sarah Williams Email: SEWilliams@cityofsacramento.org

Effective Date: _____ Expiration Date: _____

Grant/Project Name: Del Rio Sewer Force Main Rehabilitation

Other Party: Insituform Technologies, LLC

Original Not to Exceed Amount: \$16,966,203.00

Assessor's Parcel Number(s): _____

Project Number: X14170114 Bid/RFQ/RFP#: B25141311013

Supplements/Addendums/Change Orders ☒

Adjusted Amount of this Change (+/-): \$2,331,083.84 New Not to Exceed Amount: \$19,297,286.84

Change In Scope: No

Original Contract Number: 2026-0179 Supplement Number: 01

Council Approval ☒

Original Meeting Date: 2/24/2026 Council File ID: 2026-00151

Supplement Meeting Date: 10/13/2026 Council File ID: 2026-01666

Processing Information

Clerk's Office to Mail for Recording
Return to Dept for Other Party Signature
Real Estate

Return to Dept for Recording
Construction Related
Additional Originals Attached – Return to Dept.

Add notes/instructions, including any other contract or council file ID numbers related to this agreement:

Signing Authority - Department Directors up to \$100K; \$100K - \$250K City Manager or Assistant City Manager; \$250K+ Council Approval & Council Appointee or designee.

Department Review and Routing

AB 339 Review Confirmation (if needed)	<u>Angelo Vasquez</u> Angelo Vasquez (Sep 2, 2026 12:06:19 PDT)	Sep 2, 2026
Sign Construction Mgmt:	<u>[Signature]</u>	Sep 3, 2026
Sign Supervisor:	<u>[Signature]</u>	Sep 9, 2026
Sign Division Manager:	<u>[Signature]</u>	Sep 9, 2026
Sign Fiscal:	<u>[Signature]</u> Gabe Vasquez (Sep 2, 2026 12:15:31 PDT)	
O&M:	<u>[Signature]</u>	
Sign Director of Utilities:	<u>[Signature]</u> Della Ford (Sep 10, 2026 09:23:13 PDT)	Sep 10, 2026

**CITY OF SACRAMENTO
CHANGE ORDER
EXHIBIT A**

Contract # & Date: 2026-0179 02/26/2026

Budget #: 472011-50000-6206-51000000-X14170114

Purchase Order #: 0000084400

Change Order No: 001

Sacramento, California

September 2, 2026

TO: Insituform Technologies, LLC, Contractor

CONTRACT FOR: Del Rio Sewer Force Main Rehabilitation (B25141311013)

Upon mutual acceptance of this document by the City of Sacramento, hereinafter referred to as "CITY", and your firm, hereinafter referred to as "CONTRACTOR", in accordance with the terms and conditions of the original contract documents, you are hereby directed to make the following change or changes for the consideration set forth below:

Description: "See Exhibits A and B, attached and incorporated herein"

The original contract sum was: \$ 16,966,203.00

Net change by previous change orders: \$ 0.00

The contract sum prior to this change order was: \$ 16,966,203.00

The contract sum will be **increased** by this C.O: \$ 2,331,083.84

New contract sum including all Change Orders: \$ 19,297,286.84

CONTRACTOR agrees that the amount of increase or decrease in the contract sum specified in this change order shall constitute full compensation for the work required by this change order, including but not limited to all compensation for the additional and/or revised work specified herein, and shall fully compensate CONTRACTOR for any and all direct and indirect costs that may be incurred by CONTRACTOR in connection with such additional and/or revised work, including any changes, disruptions or delays in work schedules or in the performance or other work by CONTRACTOR. The time for performance of the Contract will be **increased by zero (0) days** by reason of the performance of the work required by this Change Order. Except as herein above expressly provided, CONTRACTOR further agrees that the performance of the work specified in this Change Order or the rescheduling of other project work made necessary by this Change Order, shall not constitute a delay which will extend the time limit for completion of the work as said term is used in the Contract between CITY and CONTRACTOR for the project.

Approval Recommended By:

Approved as to Form By:

Angelo Vasquez Sep 2, 2026
Angelo Vasquez (Sep 2, 2026 12:06:19 PDT)
Project Manager – Angelo Vasquez Date

Michael Voss Sep 10, 2026
Michael Voss, Senior Deputy City Attorney

Approved By:

Approved By:

Mark Wertz Sep 2, 2026
Contractor – Mark Wertz Date
Insituform Technologies, LLC

Ryan Moore
Ryan Moore, Assistant City Manager, Department of Utilities

Approved By:

Mindy Cuppy – City Clerk Date

CITY OF SACRAMENTO

CHANGE ORDER

EXHIBIT A

Contract # & Date: 2026-0179 02/26/2026

Budget #: 472011- 50000-6206-51000000-X14170114

Purchase Order #: 0000084400

Change Order No: 001

Change Order Items:

PCO # 01 Changes in Parameters of Design

Ref: RFI #3, General Correspondence #9.00, 13.00, 16.00, 19.00, 22.00

In accordance with Section 4-4, "Changes in the Work" of the Standard Specifications, the City directed the Contractor to increase the thickness of the Cured-in-Place Pipe (CIPP) to counteract the increase in potential vacuum pressures that could be found in the force main. During project design, the specified vacuum pressure requirement for the CIPP and Carbon Fiber lining design, as described in the special provision 3.25 & 3.26, was determined to be -7 psi. This pressure was a determining factor for calculating the liner thickness of the CIPP, which is a large factor in identifying the unit cost. Per RFI #3, on April 28, 2026, the Contractor requested that the vacuum pressure required be reevaluated for potential cost savings to the City. The design engineer performed the reevaluation and, instead, found the -7 psi to be insufficient and noted that the vacuum pressure of the system is actually -11.76 psi. Given this finding, the City directed the Contractor, in RFI #3, to incorporate the -11.76 psi as the vacuum pressure on the system and prepare the liner designs accordingly. This change impacted the design of both the CIPP lining and the carbon fiber lining.

Compensation for this work will be \$1,212,277.61, which was a lump sum price, and includes all labor, materials, equipment, overhead, and markups for performing the work. No time adjustment is warranted by reason of the performance of the work as it will occur concurrently within contract work, therefore zero (0) working days will be awarded to the time of performance of the Contract by this Change Order.

(Database Code: Design Change)

Total this Item: \$1,212,277.61

COR No. 02 Carbon Filtration

Ref: PCO #2.02, General Correspondence #023, #27,

In accordance with Section 4-4, "Changes in the Work" of the Standard Specifications, the City directed the Contractor to install a cure-water filtration system to filter out the cure water to mitigate impacts on the Sacramento Area Sewer District (SacSewer)'s EchoWater Wastewater Treatment Plant (Echowater). On June 17th, 2026, it was brought to the City's attention that due to elevated styrene concentrations detected in cure water used in the process to install the CIPP liner, SacSewer's Echowater suffered operational issues that limited their ability to treat the wastewater properly. Therefore, SacSewer requested that the Contractor implement a filtration system on the discharge process of the CIPP operation. The filtration system would be installed to reduce the styrene concentration in the cure water to below .5 µg/L, which are considered to be "non-detectable levels" prior to discharge into the combined sewer system.

This filtration system was not included in the original design because the styrene concentrations were not anticipated to exceed levels that could be detrimental to the operations at EchoWater, which is downstream from the 72-inch Force Main. In addition to this project, SacSewer is also performing another CIPP project adjacent to the Echowater plant. Given the combination of both projects being installed concurrently, and the identified impacts of styrene on plant operations and their biological treatment process, it was determined that best practice, for both projects, would be to install this filtration system.

Compensation for this work will be \$1,905,715.23, which was a lump sum price, and includes all labor, materials, equipment, overhead, and markups for performing the work. No time adjustment is warranted by reason of the

performance of the work as it will occur concurrently within contract work, therefore zero (0) working days will be awarded to the time of performance of the Contract by this Change Order.

(Database Code: Owner Request)

Total this Item: \$1,905,715.23

CITY OF SACRAMENTO**CHANGE ORDER****EXHIBIT B****Contract # & Date:** 2026-0179 02/26/2026**Budget #:** 472011-50000-6206-51000000- X14170114**Purchase Order #:** 0000084400**Change Order No:** 001**Change Order Items:**

In accordance with the applicable provisions of Section 8, "MEASUREMENT AND PAYMENT" of the City of Sacramento Standard Specifications (CSSS) and the Contract's Special Provisions, the Contractor agrees to the following adjustments of the original bid item quantities:

Decrease in Contract Items at Unit Prices

Item No.	Description	Units	Unit Cost	Original Authorized Quantity	Quantity Change	Revised Authorized Quantity	% Difference	Amount
09	Lining Launch & Reception Locations for FRPMP Pipe Closures	EA	\$256,303.00	10	(3.00)	7.00	-30%	(\$786,909.00)

Total **Decreased** Bid Quantity Items: (\$786,909.00)**Reason for Change:**

The contract drawings identified ten (10) recommended pit locations to be used as a lining launch and reception shaft. The original design was intended to minimize the length of the lining segments. Due to the Contractor's means and methods, the Contractor planned on utilizing only seven (7) out of the ten (10) recommended pit locations, with longer lining segments than originally planned, to help accelerate the schedule. This resulted in the Contractor crediting the City with three (3) unused pit locations, as referenced in General Correspondence #13 – *Change in Parameters Design Response to Comments*. In summary, the Contractor will only invoice for seven (7) lining launch and reception locations. As a result, the City will be credited for three (3) locations under Bid Item No. 09 at the unit price of (\$256,303.00) each. The total credit for the unused pit locations is (\$786,909.00).

Total This Item: \$(786,909.00)

Total for this Change Order: \$2,331,083.84