

**AMENDMENT NUMBER 01
TO CONTRACT FOR ENGINEERING DESIGN SERVICES FOR C-LINE
SANITARY SEWER MODELING EFFORT
FOR WWCLH6 – C-LINE SANITRAY SEWER INTERCEPTOR PROJECT**

1. **Parties.** This Amendment is made and entered into this 22nd day of April, 2019 by and between the City of Laramie, Wyoming, a Wyoming municipal corporation (hereinafter referred to as “City”), whose address is 406 Ivinson Street, Laramie, Wyoming 82070 and Trihydro (hereinafter referred to as “Consultant”) whose address is 1252 Commerce Drive, Laramie, WY 82070.

2. **Purpose of Amendment.** This Amendment shall constitute Amendment Number 01 to the Agreement between City and Consultant which was duly executed on the 7th day of March 2019 to provide professional services related to the design and bidding for the C-Line Sewer Main Replacement 2nd Street Hancock to Canby and Canby Street 1st to 6th. The purpose of this Amendment is to amend the scope of work to account for expenses associated with attendance at an extra public meeting. The amended scope adds Thirteen Thousand Five Hundred Dollars (\$13,500.00) to the contract; creating a new revised total contract amount not to exceed One Hundred Fifty-One Thousand Twenty Dollars (\$151,020.00).

3. **Same Terms and Conditions.** With the exception of items explicitly delineated in this Amendment and its attachments, all terms and conditions of the Original Contract and its amendments, shall remain unchanged and in full force and effect.

4. **Entirety of Amendment.** This Amendment, consisting of Two (2) pages, and the Trihydro Change Order No. 2, Engineering Design Services for Sanitary Sewer Modeling Effort consisting of Four (4) pages represents the entire and integrated Amendment between the parties and supersedes all prior negotiations, representation, and agreements, whether written or oral.

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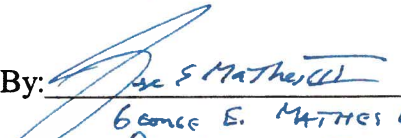
IN WITNESS WHEREOF, the City of Laramie Public Works Department has caused this amendment to be signed and executed in its behalf by the Public Works Director, and duly attested by the Consultant who has signed and executed this Agreement, the day and year first written above.

CITY OF LARAMIE, WYOMING:

foz
By: 
Brooks Webb
Interim Public Works Director

CONSULTANT:

Trihydro Corporation

By: 
George E. Mathes III SR. VP/LOO

Witness Autumn Bainer



April 22, 2019

Mr. William Winkler, P.E.
City of Laramie
405 Grand Avenue
Laramie, WY 82070

RE: WWCLH6 C-Line Sanitary Sewer Interceptor
Change Order No. 2, Engineering Design Services for C-Line Sanitary Sewer Modeling Effort
Laramie, Wyoming

Dear Mr. Winkler:

Trihydro Corporation (Trihydro) is pleased to provide a price proposal for the C-Line Sanitary Sewer Modeling Effort, per your request. We understand this work will be included as part of the C-Line Interceptor Project (WWCLH6 project).

Trihydro received the Wyoming Department of Environmental Quality (WDEQ)/Water Quality Division (WQD) Permit to Construct application comments on March 6, 2019. WDEQ/WQD requested a hydraulic analysis of the proposed pipeline and additional analyses of two specific manholes. We understand the information required to complete this work is not currently available as part of the City of Laramie Wastewater Master Plan Study (Wastewater Master Plan Study); therefore, this change order request includes calculating flow data for the Safeway/Planet Fitness/etc development, using available flow data from the Wastewater Master Plan Study, and modeling the proposed sanitary sewer alignment within the project limits. Trihydro will summarize the modeling effort and prepare a response to WDEQ/WQD's comments.

The estimated cost to complete these services is \$13,500.00. Table 1-1 includes our fee proposal for these proposed design services, which will be billed on a time and material, not to exceed basis, with scope assumptions listed in Table 1-2. We look forward to completing this important City project.

If you have questions about our price proposal or assumptions, please contact us at (307) 745-7474. We also welcome an in-person meeting to review and discuss our proposed scope and fee.

Sincerely,
Trihydro Corporation

A handwritten signature in black ink, appearing to read "Michelle L.D. Sell".

Michelle L.D. Sell, P.E.
Project Manager

A handwritten signature in black ink, appearing to read "Tammy Reed".


Tammy Reed, P.E.
Project Director

999-415-064

Attachments

TABLES

**TABLE 1-1. CHANGE ORDER NO. 2 FEE ESTIMATE
ENGINEERING DESIGN SERVICES FOR C-LINE SANITARY SEWER MODELING EFFORT
LARAMIE, WYOMING**

		Trihydro Corporation							Task Total
		Professional Level 10	Professional Level 8	Professional Level 6	Professional Level 5	Professional Level 2	Administrative 4	Labor Subtotal	
TASK	DESCRIPTION	\$174	\$144	\$114	\$99	\$70	\$74		
	Change Order No. 2								
Task 3	C-Line Interceptor System Modeling	1	8	24	50		8	\$9,604	\$9,604
Task 4	Respond to WDEQ/WQD Comments		2	12	4	24	2	\$3,880	\$3,880
								\$0	0
	Phase I Subtotal (hours)	1	10	36	54	24	10	135	--
	Phase I Subtotal (\$)	\$174	\$1,440	\$4,104	\$5,346	\$1,680	\$740	\$13,484	\$13,484
	Total (hours)	1	10	36	54	24	10	135	--
	Total (\$)	\$174	\$1,440	\$4,104	\$5,346	\$1,680	\$740	\$13,484	\$13,484



**TABLE 1-2. CHANGE ORDER NO. 2 FEE ASSUMPTIONS
ENGINEERING DESIGN SERVICES FOR C-LINE SANITARY SEWER MODELING EFFORT
LARAMIE, WYOMING**

Change Order No. 2

Task 3: C-Line Interceptor System Modeling

Activities

- Review City of Laramie Wastewater Master Plan flow data provided by City and calculate flow for Safeway/Planet Fitness/etc development area
- Create a hydraulic model for the C-Line Sewer Main project area
- Verify proposed line size to convey flow
- Verify the manholes of concern will not surcharge
- Coordinate and attend one project meeting to review and discuss the modeling effort

Assumptions

- City will provide known future growth data
 - City will provide existing flow monitoring data for project area
 - Model will incorporate the project area only, not the full C-Line Interceptor
 - Flow data from the Wastewater Master Plan Study will be used
 - Model review meeting is estimated to be one (1) hour
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Task 4: Respond to WDEQ/WQD Comments

Activities

- Summarize model information including flow monitoring data, hydraulic model, pipeline size and proposed manhole surcharge evaluation
- Prepare response to Wyoming Department of Environmental Quality/Water Quality Division (WDEQ/WQD) comments received March 6, 2019
- Finalize response to WDEQ/WQD comments upon City review

Assumptions

- Three (3) copies of the response to WDEQ/WQD submittal will be provided to the City
- No 100% design plan revisions will be made