

**AMENDMENT NUMBER 02
TO CONTRACT FOR ENGINEERING DESIGN SERVICES FOR C-LINE
SANITARY SEWER MODELING EFFORT
FOR WWCLH6 – C-LINE SANITARY SEWER**

1. **Parties.** This Amendment is made and entered into this 16th day of July 2019 by and between the City of Laramie, Wyoming, a Wyoming municipal corporation (hereinafter referred to as “City”), whose address is 406 Iverson Avenue, 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 02 to the Agreement between City and Consultant which was duly executed on the 7th day of March 2017 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 construction services as outlined in the attached cost proposal. The amended scope adds *Two Hundred Sixteen Thousand Three Hundred Twenty Dollars* (\$216,320.00) to the contract; creating a new revised total contract amount not to exceed *Three Hundred Sixty-Seven Thousand Three Hundred Forty Dollars* (\$367,340.00).

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 Seven (7) 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.

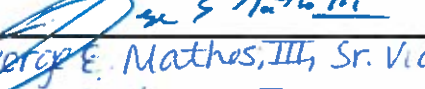
CITY OF LARAMIE, WYOMING:

By: 
Joe Shumway, Mayor and President of the
City Council

Attest: 
Nancy Bartholomew
City Clerk

CONSULTANT:

Trihydro Corporation

By: 
George E. Mathas, III, Sr. Vice President / CDO

Witness 



June 14, 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. 3, Construction Services for C-Line Sanitary Sewer Interceptor Project
Laramie, Wyoming

Dear Mr. Winkler:

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

Construction services will include construction administration and observation over the construction period (approximately seven months) as well as Wyoming Professional Engineer certified record drawings. The services will include a construction kick-off meeting, full time observation (6 days per week, 8-hour days average), and weekly meetings. The record drawings will be certified based on observations and notes recorded in the field. A Wyoming Department of Environmental Quality/Water Quality Division (WDEQ/WQD) Certification of Completion will be prepared following final completion.

The estimated cost to complete these services is \$216,320. 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 "Daryl R. Jensen".

Daryl R. Jensen, P.E.
Vice President

999-415-064

Attachment

TABLES

TABLE 1-1. COST ESTIMATE
CONSTRUCTION SERVICES, C-LINE SANITARY SEWER INTERCEPTOR PROJECT
LARAMIE, WYOMING

TASK	DESCRIPTION	Tribhydro Compensation							Expenses		Task Total	
		Professional Level 10	Professional Level 8	Professional Level 6	Professional Level 4	Technical Level 3	Technical Level 2	Administrative 2	Labor Subtotal	Company Vehicles (Daily)		Expenses Subtotal
Phase 3	Construction Services	\$174	\$144	\$114	\$90	\$70	\$60	\$60		\$1,000.00/month		
3A00	Construction Administration and Observation Services	8	80	400	1550	24	8	20		7	\$7,000	
3B00	Record Drawings	2	4	16	24	40	4	4			\$0	
	Phase 1 Subtotal (Hours)	10	84	416	1574	64	8	24		Cost	\$7,000	
	Phase 1 Subtotal (\$)	\$1,740	\$12,096	\$47,250	\$141,600	\$4,200	\$480	\$1,440		Subtotal	\$7,000	
	Total (hours)	20	84	416	1574	64	8	24	2383	Cost	\$7,000	
	Total (\$)	\$1,740	\$12,096	\$47,250	\$141,600	\$4,200	\$480	\$1,440	\$209,320	Total	\$7,000	\$216,320

**TABLE 1-2. COST SPREADSHEET ASSUMPTIONS
CONSTRUCTION SERVICES, C-LINE SANITARY SEWER INTERCEPTOR PROJECT
LARAMIE, WYOMING**

PHASE 3: CONSTRUCTION SERVICES

Task 3A00: Construction Administration and Observation

- Provide full-time construction observation and reporting
- Provide pre-construction photographic documentation
- Attend construction kick-off meeting
- Coordinate/attend weekly construction meetings
- Prepare and distribute weekly meeting minutes via email
- Prepare daily logs
- Review submittals, payment applications, and change orders
- Complete substantial completion inspection
- Prepare punch list
- Prepare a project specific health and safety plan

Assumptions

- Construction kick-off meeting will be two (2) hours in duration – two (2) Trihydro personnel will attend
- Quantity reviews and payment application recommendation will be monthly
- Mandatory winter shutdown will occur October 15, 2019 through April 1, 2020
- No work will be completed during winter shutdown
- Winter shutdown time will not be included in substantial completion days
- Construction will commence August 1, 2019
- 53 construction observation days will be completed prior to the mandatory winter shutdown, and 157 construction observation days will be completed following the mandatory winter shutdown
- Seven months (28 weeks) construction period – 6 days per week, 8-hour days average
- Twenty-eight (28) weekly meetings, one (1) hour in duration – two (2) Trihydro personnel will attend each meeting
- Five (5) hours construction administration per week (28 weeks)
- Full-time construction observation will not exceed hours noted in the cost spreadsheet (Table 2)
- Observation hours are estimated based on seven months construction period, actual time will depend on the contractor's approved construction schedule
- Construction staking is **NOT** included in our estimate

**TABLE 1-2. COST SPREADSHEET ASSUMPTIONS
CONSTRUCTION SERVICES, C-LINE SANITARY SEWER INTERCEPTOR PROJECT
LARAMIE, WYOMING**

Task 3B00: Record Drawings

- Prepare certified record drawings based on observations and notes recorded in the field
- Incorporate Contractor's redlines
- Submit electronic copies to the City in PDF and AutoCAD format
- Prepare Wyoming Department of Environmental Quality/Water Quality Division (WDEQ/WQD) Certificate of Completion

Assumptions

- Preparation of signed and certified record drawings is based on full-time observation services
- Contractor redlines will be legible and will be received within 7 calendar days following final completion
- WDEQ/WQD Certificate of Completion and Record Drawings will be submitted within 30 days following final completion