

**AMENDMENT NUMBER 2
TO CONTRACT FOR CONSTRUCTION MANAGEMENT
FOR PHASE TWO – 41T3 MUNICIPAL WELL PROJECT**

1. Parties. This Amendment is made and entered into this ___ day of March 2021 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 Engineering Associates (hereinafter referred to as “Consultant”) whose address is 605 Plaza Court, Laramie, WY, 82070.

2. Purpose of Amendment. This Amendment shall constitute Amendment Number 2 to the Agreement between City and Consultant which was duly executed on the 29th day of October 2020, to provide design and bidding services for Phase One of the 41T3 Municipal Well project. The purpose of this Amendment is to provide design and bidding services to the existing contract for Phase Two (well completion and chlorine generation/well house construction) of this project. The amended scope adds One Hundred Two Thousand Four Hundred Twenty-Eight Dollars Amount (\$102,428.00) to the contract; creating a new revised total contract amount not to exceed One Hundred Forty-One Thousand, Forty-Four Dollars (\$141,044.00).

3. Scope of Services. Work provided under this amendment will include the following services:

- a. Prepare the final design of the well, to include:
 - i. Submersible pump/motor and drop pipe design;
 - ii. Pitless adapter design;
 - iii. Piping design to and from the Chlorine Generation/Well House facility; and
 - iv. The tie-in to the existing 16-inch diameter transmission pipeline in 45th Street.
 - v. Pump starter panel to include, variable frequency drive, power surge suppression, power conditioning and telemetry interface.
 - vi. Sand separation and removal traps.
 - vii. Water level monitoring equipment and telemetry connection.
 - viii. If access allowed, install a water level monitoring transducer with battery and/or solar powered wireless transmitter in the original 41T3 well.
- b. Assist the City of Laramie in acquiring additional land lease from the State of Wyoming if required.
- c. Prepare the design (drawings and technical specifications) of the Chlorine Generation/Well House facility to include:
 - i. Geotech soil survey and foundation recommendation;
 - ii. Well water supply piping inlet and outlet;
 - iii. Structural design of CMU building;
 - iv. Mechanical design of HVAC system;

- v. Plumbing design to incorporate discharged waste into the City's sanitary sewer system;
 - vi. Treatment system (Chlorine generation and fluoridation); and
 - vii. Electrical, system control/monitoring and telemetry design.
- d. Chlorine generation design drawings will include detailed drawings of process flow piping, valves, pumps, and system monitoring (pressure, flow, temperature, etc.) equipment.
 - e. Assist the City of Laramie in preparing the modification to street corner (45th Street and Crow Drive) re-alignment. City staff will design the transition re-alignment and this re-alignment will be incorporated into the final design project manual along with curb/gutter design that will be prepared by Engineering Associates.
 - f. Prepare the bid document (project manual) incorporating the City of Laramie standard front-end documents, technical specifications and details.
 - g. Prepare the engineering design report and permit application material and submit to Wyoming Department of Environmental Quality to receive a Permit to Construct for Phase Two of the 41T3 Municipal Well Project.
 - h. Assist the City of Laramie in obtaining the permit from the State Fire Marshall.
 - i. Prepare the Statement of Completion for the well and submit this document to the State Engineer's Office.
 - j. Assist the City of Laramie in bidding the project. This work to include addressing potential bidder questions, attending and assisting with the pre-bid meeting, reviewing the received bids and preparing a bid tabulation and bid summary along with a recommendation for award.
 - k. Prepare the Site Specific Investigation Report for the well completion and Chlorine Generation/Well House.

Design documents (project manual and design drawings) will be presented to the City for review at the approximately 30%, 60% and 90% stage of the design. Due to scheduling it is anticipated that the City's review of the documents will be completed within a week to two week period.

The Beneficial Use Statement associated with the 41T3 well typically requires a plat to be submitted showing the points of use of the produced water. This plat is outside of the scope of work of this amendment.

Work provided under this amendment will also include those services in Attachment A to this amendment:

4. 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.

5. **Entirety of Amendment.** This Amendment, consisting of three pages (3) pages, represents the entire and integrated Amendment between the parties and supersedes all prior negotiations, representation, and agreements, whether written or oral.

INTENTIONALLY LEFT BLANK

IN WITNESS WHEREOF, the Laramie City Council has caused this amendment to be signed and executed in its behalf by its Mayor, and duly attested by its City Clerk, and Consultant has signed and executed this Agreement, the day and year first written above.

CITY OF LARAMIE, WYOMING:

By: _____
Paul Weaver, Mayor and President of the
City Council

Attest: _____
Nancy Bartholomew
City Clerk

CONSULTANT:

Engineering Associates

By:  _____

Title: Project Manager

Attachment A

41T3 Well – Piping and Treatment

SCOPE OF SERVICES

In this document the term “Engineer” refers to the consulting firm hired by the City of Laramie, WY unless set apart with a specific title, i.e. “City Engineer,” “City Project Engineer” et cetera.

At a minimum the following services shall be provided:

A. Research and Design:

1. The Engineer shall design the project as directed by the City Project Engineer. The design shall at a minimum include a complete set of plans and a project manual.
2. Conduct a kickoff meeting with City Staff. This meeting will discuss the project scope, foreseeable issues, possible alternatives, desired results and project needs. This meeting shall include a complete walk thru of the project area with City Staff. The Engineer must provide a meeting agenda and notes of the meeting.
3. Review existing maps, drawings, plans and reports on file at City of Laramie relating to the proposed work. Engineer must contact City Engineering for the information regarding this task.
4. Conduct field and geotechnical investigations as necessary or as directed by the City Project Engineer. **The consultant must outline the process expected to complete this task within the proposal.**
 - i. Geotechnical information and subsequent design will be in accordance with the City of Laramie Pavement Study 2nd Edition (May 2017.) A copy of the pavement study may be obtained from the City Engineer.
 - ii. For these City projects, the pavement sections listed in the current Pavement Study are to be considered the minimum section. The detailed analysis conducted for each project location may indicate the need for a heavier section.
5. The Engineer shall research all land ownership and it shall be shown on the plans by the 60% design review.
6. Identify all easements, access agreements and permits that will be required.
 - i. Provide easement/access descriptions and exhibits to the City
 - ii. The City will be responsible for negotiating easements with landowners

~~7. Utilize potholing for design purposes to uncover existing and/or potential conflicts within each project area.~~

~~i. GPS coordinates shall be obtained by Engineer and shown on the plan set by the 60% stage.~~

~~ii. **The consultant must outline the process for creating a potholing plan within the proposal.**~~

Potholing will not be required for this project, there are minimal utilities present in the project area, and those that do exist can be documented from as-built records, utility service locates and visual evidence (valve, manholes etc.).

8. Investigate and identify alternate means and methods for constructing the project.

9. Make recommendations concerning means and methods for constructing the project.

10. The Engineer must research the location of all private utilities in the area of the project such as but not limited to Rocky Mountain Power, Source Gas, CenturyLink, Charter Communications, University of Wyoming, and Union Pacific Railroad. The design should avoid conflicts with utilities. If a conflict is unavoidable the Engineer shall design and coordinate a solution. Plans shall be submitted to the private utilities for review during the design of the project. All correspondence with the private utilities must be documented and provided to the City. The project will not be bid until documentation is provided.

11. All survey data shall be tied to Coast and Geodetic Survey BM (B66) 1948 GPS'S in 1992 NAD 1983, NAVD 1988, GEOID 03.

12. Conduct field surveying as needed, or as directed by the Project Engineer, to prepare the construction plans, legal descriptions and to clearly delineate any potential conflicts within the City right-of-way prior to final design.

13. A minimum of two benchmarks must be provided on the drawings. Additional benchmarks may be required for larger projects or as directed by the City Project Engineer.

14. Develop solutions to any issues and needs raised by other agencies or entities.

15. Plans and specifications must be consistent with the current City of Laramie Project Manual. Contact City Engineer for latest version.

16. City of Laramie measurement and payment will be understood and complied with in its entirety by Engineer.

- i. Measurement and payment descriptions will be prepared for those items that are not addressed in the City of Laramie's standard Project Manual in the Special Provisions (Measurement & Payment) section.
17. Bid Schedules and quantities will conform to measurement and payment section in the special provision section of the current Project Manual. Deviations from the standard list shall be submitted to the City Engineering Department for review and approval. The Engineer shall highlight in the submittal any changes. The Engineer shall provide the City Engineer a list of changes made to the Project Manual before the project can be bid.
18. Provide quantity lists for each bid item tied to a location on the plan sheets. Example: one ADA ramp on SE corner of X & Y Streets; 2 - type 5 storm sewer inlet at Station X+XX right side; one 8 inch water valve station X+XX on south property line. Format should be similar to WYDOT standard.
19. Prepare cost estimates for the project at the 60% and 90% and final design level.
20. Plan sets shall be submitted to the City for review at the 30%, 60%, 90% and final designs. Each submittal shall include the CAD drawings and a set of PDF's for both the 24x36 and 11x17 plan sets.
21. Project Manuals shall be submitted at the 60%, 90% and final designs. Each submittal shall include three (3) project manuals with a PDF of the project manual. A digital copy of all project manual documents shall also be submitted with each review.
22. Engineer shall prepare exhibits of the 60% plans for a public meeting. Engineer will be responsible to document neighborhood comments, concerns and issues. The City of Laramie will conduct the meeting with Engineer serving a support role.
23. Public Notices shall be issued following the 60% design review. Notifications shall follow the City of Laramie notification policy. The Engineer shall prepare the public notice and send out notices within a 700' radius of the project through mail.
24. If applicable for the project the DEQ design report shall be submitted to the City at the 90% design for review. It shall include three (3) copies of the report with a PDF. The City must approve the design report before it is submitted to DEQ.
25. Engineer shall provide assistance to the City Public Works Department on the approval of the design through the City's Development Process.
26. Progress and review meetings shall be held at the 30%, 60%, 90% and final design or as needed for the project. The Engineer shall be responsible for writing down all comments made at review meetings and provide all the comments back to the City in the meeting minutes.
27. Engineer is to perform an internal Quality Assurance and Quality Control review of plan sets, specifications and bid schedules prior to submittal for review by the City.

28. Perform an internal project constructability review prior to submittal for review by the City.
29. Engineer shall be responsible for errors and will be expected to pay for correcting design errors.
30. City review does not absolve the Engineer of any errors.
31. All plans and project manuals must be reviewed and approved by the City Engineer prior to bidding.

B. Bidding Services

1. City of Laramie will employ electronic bidding services through Quest CDN. The Engineer will be responsible to provide the City of Laramie with PDF files of all plan sets and project manuals relevant to the project.
2. The City Project Manager will upload bid documents to the Quest CDN web site and make available.
3. Bidder's questions will be initially directed to the City Project Manager, and then forwarded to City Project Engineer or Engineer for responses when necessary.
4. The Engineer shall prepare all addendums and submit addendum documents to the City Project Manager for upload to Quest CDN.
5. Attend and assist City of Laramie staff at a pre-bid meeting. This may include a project walk thru following the pre-bid meeting. The pre-bid meeting shall involve the following.
 - i. Instruct prospective bidders and suppliers as to the types of information required by the contract documents and the format in which bids should be presented.
 - ii. Review special project requirements and contract documents in general.
 - iii. Receive requests for interpretations and answer questions.
 - iv. Prepare minutes of the conference.
6. The Engineer shall review the bids for accuracy, prepare and distribute formal bid tabulation sheets, evaluate bids, and make written recommendations to the City concerning contract award. This shall include creating a spreadsheet combining all bids and the Engineer's Estimate into a single sheet, showing maximum and minimum bids and the average price.

7. The Engineer shall issue the contractor Notice of Award, after receiving authorization to do so from the City.
8. Prepare and distribute construction plans and complete project manuals to the low bidder.
9. The Engineer shall provide a final of documents to the City and include three (3) sets of 24x36 plans, seven (7) sets of 11x17 plans. It should also include the CAD drawings and a set of PDF's for both the 24x36 and 11x17 plan sets.
10. The Engineer shall provide three (3) completed project manuals with a PDF of the project manual. A digital copy of all project manual documents shall also be included

TOTAL FEES SUMMARY

PROJECT: 41T3 Well Completion Design/Permitting

CLIENT: City of Laramie

JOB NUMBER: 0

Task	Task Description	EA Fees	EA Reimb	Subconsultants	Total by Task
1	Administration	\$3,160	\$190	\$1,100	\$4,450
2	Design	\$15,696	\$2,812	\$63,650	\$82,158
3	Permitting/Bidding	\$5,624	\$767	\$4,070	\$10,461
4	Site Specific Investigation	\$5,056	\$303	\$0	\$5,359
5	0.00	\$0	\$0	\$0	\$0
6	0.00	\$0	\$0	\$0	\$0
7	0.00	\$0	\$0	\$0	\$0
Totals		\$29,536	\$4,072	\$68,820	\$102,428

CLIENT:
PROJECT DESCRIPTION:
TASK DESCRIPTION:

City of Laramie
41T3 Well Completion Design/Permitting
Administration

PRINTED: 03/24/21

JOB No.:
TASK
1

PLEASE TURN IN WITH JOB CARD

DESCRIPTION	PERSON	LABOR CODE	RATE	(NO 1/2 HOURS)	TOTALS
LITIGATION SERVICES / SUPPORT		Z	\$275.00		\$0.00
ENGINEER-IN-TRAINING 1	Levi, Lane, Adam, Zane	EIT1	\$109.00		\$0.00
ENGINEER-IN-TRAINING 2	Lyle, Lindsay	EIT2	\$114.00		\$0.00
ENGINEER 1 / Hydrogeologist 1	Lisa, Andy	EN1	\$124.00		\$0.00
ENGINEER 2 / Hydrogeologist 2	Bret	EN2	\$137.00		\$0.00
ENGINEER 3 / Hydrogeologist 3	Erik, Ian, Cody, Craig, Anthony, Eric	EN3	\$145.00		\$0.00
ENGINEER 4 / Hydrogeologist 4	Heath	EN4	\$150.00		\$0.00
ENGINEER 5 / Hydrogeologist 5	Roger, RAO, TLC, John W., D.Engels, Lynn H, Jay L.	EN5	\$158.00	20	\$3,160.00
PROJECT MANAGER 1	AP, LM, EW, CK, CAS, IKSM, FAB, BJR, JL	PM1	\$152.00		\$0.00
PROJECT MANAGER 2	LH, RLJ, RAO, TLC, JW, HJO, DE	PM2	\$173.00		\$0.00
TECHNICIAN 1		TC1	\$77.00		\$0.00
TECHNICIAN 2		TC2	\$83.00		\$0.00
TECHNICIAN 3	Nick, Hanah, Susan, Julie (specs)	TC3	\$91.00		\$0.00
TECHNICIAN 4	Susan	TC4	\$98.00		\$0.00
TECHNICIAN 5	Jim, Mike, Ron N.	TC5	\$104.00		\$0.00
ENGINEER'S/SURVEYOR'S AIDE		EA1	\$66.00		\$0.00
RPR 1		RP1	\$77.00		\$0.00
RPR 2		RP2	\$83.00		\$0.00
RPR 3	Bret	RP3	\$91.00		\$0.00
RPR 4	Ian, Cody, Anthony	RP4	\$98.00		\$0.00
RPR 5	Jim, Mike	RP5	\$104.00		\$0.00
ENGINEER/TECH/RPR OVERTIME ESTIMATE			\$132.00		\$0.00
SURVEYOR-IN-TRAINING 1		LT1	\$109.00		\$0.00
SURVEYOR-IN-TRAINING 2	Anthony	LT2	\$114.00		\$0.00
SURVEYOR 1	Zane	LS1	\$124.00		\$0.00
SURVEYOR 2	Tim, Cody	LS2	\$137.00		\$0.00
SURVEYOR 3	Lyle	LS3	\$145.00		\$0.00
SURVEYOR 4	Joe F.	LS4	\$150.00		\$0.00
SURVEY TECH 1 (Crew Person)		ST1	\$77.00		\$0.00
SURVEY TECH 2 (Instrument Person)	Lane	ST2	\$83.00		\$0.00
SURVEY TECH 3 (Crew Chief)	Jim, Nick	ST3	\$91.00		\$0.00
SURVEY TECH 4 (Crew Chief)		ST4	\$98.00		\$0.00
SURVEY TECH 5 (Senior Crew Chief)	Tim, Cody, Lyle, Zane	ST5	\$104.00		\$0.00
SURVEYING OVERTIME ESTIMATE			\$121.00		\$0.00
CAD TECHNICIAN 1		CT1	\$83.00		\$0.00
CAD TECHNICIAN 2		CT2	\$91.00		\$0.00
CAD TECHNICIAN 3	Nick	CT3	\$98.00		\$0.00
CAD TECHNICIAN 4	Darrel	CT4	\$104.00		\$0.00
ADMINISTRATIVE ASSISTANT 1		AA1	\$63.00		\$0.00
ADMINISTRATIVE ASSISTANT 2	Hanah	AA2	\$65.00		\$0.00
ADMINISTRATIVE ASSISTANT 3	Kim, Susan, Julie	AA3	\$71.00		\$0.00
SUPPORT OVERTIME ESTIMATE			\$90.00		\$0.00
				TOTAL LABOR	\$3,160.00
EQUIPMENT CHARGES					
TECHNOLOGY - COMPUTER, CELL PHONE, SOFTWARE, INCIDENTALS		527	6%		\$189.60
VEHICLES - PER MILE		528	\$0.85		\$0.00
ATV & SIDE BY SIDE ATV - PER DAY		528	\$200.00		\$0.00
MISCELLANEOUS CHARGES					
HOTEL, MEALS, TRAVEL EXPENSES		521	COST		\$0.00
PER DIEM	\$80 to \$220 /day	521	COST		\$0.00
LEGAL PUBLICATIONS	BIDDING, 41-DAY ADS	529	COST		\$0.00
POSTAGE AND UPS/OVERNIGHT MAIL		529	COST		\$0.00
PRINTING AND COPYING CHARGES					
PRINTING - MYLARS (& Record Dwgs)	PER SHEET	522	\$10.00		\$0.00
PRINTING - PRINTS (24" X 36) B&W	PER SHEET	522	\$5.00		\$0.00
PRINTING - PRINTS (24" X 36) COLOR	PER SHEET	522	\$15.00		\$0.00
SCANNING	PER DRAWING	522	\$12.00		\$0.00
COLOR COPIES - 8 1/2 X 11 or LEGAL	EACH	523	\$1.50		\$0.00
COLOR COPIES - 11 X 17	EACH	523	\$2.00		\$0.00
COPIES - 11 X 17	EACH	523	\$0.50		\$0.00
COPIES - 8 1/2 X 11 or LEGAL	EACH	523	\$0.15		\$0.00
TESTING CHARGES					
CONCRETE BREAKS WITH MOLDS	EACH	526	\$35.00		\$0.00
DENSITY TESTS	EACH	526	\$25.00		\$0.00
ASPHALT OR CONCRETE CORES	EACH	526	\$40.00		\$0.00
HOLIDAY OR ADHESION TESTING	PER DAY	529	\$30.00		\$0.00
DRY FILM THICKNESS TESTING	PER DAY	529	\$60.00		\$0.00
PRESSURE RECORDER	PER DAY	529	\$30.00		\$0.00
TURBIDIMETER	PER DAY	529	\$60.00		\$0.00
CURRENT VELOCITY METER	PER DAY	529	\$120.00		\$0.00
BAC-T TESTING (FRIDAY FEE IS \$75)	EACH	529	\$25.00		\$0.00
SURVEYING CHARGES					
TOTAL STATION OR LASER LEVEL	PER HOUR	525	\$20.00		\$0.00
GPS OR ROBOTIC TOTAL STATION	PER HOUR	525	\$60.00		\$0.00
1-1/2" TO 2-1/2" ALUM CAP/REBAR	EACH	525	\$17.50		\$0.00
3-1/4" BRASS CAP AND PIPE	EACH	525	\$100.00		\$0.00
AERIAL TARGETS	COST	525	COST		\$0.00
MISC. SURVEYING MATERIALS	COST	525	COST		\$0.00
				TOTAL REIMBURSABLES	\$189.60
SUBCONSULTANTS					
	ADD IN FEE PLUS 10%		FEE	MARKUP	
MECHANICAL/ELECTRICAL		512		1.10	\$0.00
GEOTECHNICAL		514		1.10	\$0.00
OTHER -	Landscaping Design	517	\$1,000.00	1.10	\$1,100.00
ARCHITECTURAL		519		1.10	\$0.00
				TOTAL SUBCONSULTANTS	\$1,100.00
				TOTAL EXPENSES	\$1,289.60
PREPARED BY:	AGREEMENT NEEDED?	Short / Long	GRAND TOTAL		\$4,449.60
REVIEWED BY:	RETAINER REQUIRED?	Yes / No	AGREEMENT AMOUNT		

CLIENT:
PROJECT DESCRIPTION:
TASK DESCRIPTION:

City of Laramie
41T3 Well Completion Design/Permitting
Design

PRINTED: 03/24/21

JOB No.: 0
TASK: 2

PLEASE TURN IN WITH JOB CARD

DESCRIPTION	PERSON	LABOR CODE	RATE	(NO 1/2 HOURS)	TOTALS
LITIGATION SERVICES / SUPPORT		Z	\$275.00		\$0.00
ENGINEER-IN-TRAINING 1	Levi, Lane, Adam, Zane	EIT1	\$109.00		\$0.00
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ENGINEER 1 / Hydrogeologist 1	Lisa, Andy	EN1	\$124.00		\$0.00
ENGINEER 2 / Hydrogeologist 2	Bret	EN2	\$137.00		\$0.00
ENGINEER 3 / Hydrogeologist 3	Erik, Ian, Cody, Craig, Anthony, Eric	EN3	\$145.00		\$0.00
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TECHNICIAN 4	Susan	TC4	\$98.00		\$0.00
TECHNICIAN 5	Jim, Mike, Ron N.	TC5	\$104.00		\$0.00
ENGINEER'S/SURVEYOR'S AIDE		EA1	\$66.00		\$0.00
RPR 1		RP1	\$77.00		\$0.00
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RPR 3	Bret	RP3	\$91.00		\$0.00
RPR 4	Ian, Cody, Anthony	RP4	\$98.00		\$0.00
RPR 5	Jim, Mike	RP5	\$104.00		\$0.00
ENGINEER/TECH/RPR OVERTIME ESTIMATE			\$132.00		\$0.00
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SURVEYOR-IN-TRAINING 2	Anthony	LT2	\$114.00		\$0.00
SURVEYOR 1	Zane	LS1	\$124.00		\$0.00
SURVEYOR 2	Tim, Cody	LS2	\$137.00	32	\$4,384.00
SURVEYOR 3	Lyle	LS3	\$145.00		\$0.00
SURVEYOR 4		LS4	\$150.00		\$0.00
SURVEY TECH 1 (Crew Person)		ST1	\$77.00		\$0.00
SURVEY TECH 2 (Instrument Person)	Lane	ST2	\$83.00		\$0.00
SURVEY TECH 3 (Crew Chief)	Jim, Nick	ST3	\$91.00		\$0.00
SURVEY TECH 4 (Crew Chief)		ST4	\$98.00		\$0.00
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CAD TECHNICIAN 2		CT2	\$91.00		\$0.00
CAD TECHNICIAN 3	Nick	CT3	\$98.00		\$0.00
CAD TECHNICIAN 4	Darrel	CT4	\$104.00	48	\$4,992.00
ADMINISTRATIVE ASSISTANT 1		AA1	\$63.00		\$0.00
ADMINISTRATIVE ASSISTANT 2	Hanah	AA2	\$65.00		\$0.00
ADMINISTRATIVE ASSISTANT 3	Kim, Susan, Julie	AA3	\$71.00		\$0.00
SUPPORT OVERTIME ESTIMATE			\$90.00		\$0.00
			TOTAL LABOR		\$15,696.00
EQUIPMENT CHARGES					
TECHNOLOGY - COMPUTER, CELL PHONE, SOFTWARE, INCIDENTALS		527	6%		\$941.76
VEHICLES - PER MILE		528	\$0.85		\$0.00
ATV & SIDE BY SIDE ATV - PER DAY		528	\$200.00		\$0.00
MISCELLANEOUS CHARGES					
HOTEL, MEALS, TRAVEL EXPENSES		521	COST		\$0.00
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PRINTING - PRINTS (24" X 36) COLOR	PER SHEET	522	\$15.00	100.00	\$1,500.00
SCANNING	PER DRAWING	522	\$12.00	10.00	\$120.00
COLOR COPIES - 8 1/2 X 11 or LEGAL	EACH	523	\$1.50		\$0.00
COLOR COPIES - 11 X 17	EACH	523	\$2.00		\$0.00
COPIES - 11 X 17	EACH	523	\$0.50	500.00	\$250.00
COPIES - 8 1/2 X 11 or LEGAL	EACH	523	\$0.15		\$0.00
TESTING CHARGES					
CONCRETE BREAKS WITH MOLDS	EACH	526	\$35.00		\$0.00
DENSITY TESTS	EACH	526	\$25.00		\$0.00
ASPHALT OR CONCRETE CORES	EACH	526	\$40.00		\$0.00
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SURVEYING CHARGES					
TOTAL STATION OR LASER LEVEL	PER HOUR	525	\$20.00		\$0.00
GPS OR ROBOTIC TOTAL STATION	PER HOUR	525	\$60.00		\$0.00
1-1/2" TO 2-1/2" ALUM CAP/REBAR	EACH	525	\$17.50		\$0.00
3-1/4" BRASS CAP AND PIPE	EACH	525	\$100.00		\$0.00
AERIAL TARGETS	COST	525	COST		\$0.00
MISC. SURVEYING MATERIALS	COST	525	COST		\$0.00
			TOTAL REIMBURSABLES		\$2,811.76
SUBCONSULTANTS					
			ADD IN FEE PLUS 10%	FEE	MARKUP
MECHANICAL	EDA CONSULTING ENGINEERS	512	\$5,500.00	1.00	\$5,500.00
ELECTRICAL	INTEGRATED SOLUTIONS	512	\$46,650.00	1.00	\$46,650.00
GEOTECHNICAL	TERRACON	514	\$6,000.00	1.00	\$6,000.00
OTHER - STRUCTURAL	MARTIN/MARTIN WYOMING	517	\$5,500.00	1.00	\$5,500.00
ARCHITECTURAL		519		1.00	\$0.00
			TOTAL SUBCONSULTANTS		\$63,650.00
			TOTAL EXPENSES		\$66,461.76
PREPARED BY:	AGREEMENT NEEDED?	Short / Long		GRAND TOTAL	\$82,157.76
REVIEWED BY:	RETAINER REQUIRED?	Yes / No		AGREEMENT AMOUNT	

CLIENT:
PROJECT DESCRIPTION:
TASK DESCRIPTION:

City of Laramie
41T3 Well Completion Design/Permitting
Permitting/Bidding
PLEASE TURN IN WITH JOB CARD

PRINTED: 03/24/21

JOB No.: 0
TASK : 3

DESCRIPTION	PERSON	LABOR CODE	RATE	(NO 1/2 HOURS)	TOTALS
LITIGATION SERVICES / SUPPORT		Z	\$275.00		\$0.00
ENGINEER-IN-TRAINING 1	Levi, Lane, Adam, Zane	EIT1	\$109.00		\$0.00
ENGINEER-IN-TRAINING 2	Lyle, Lindsay	EIT2	\$114.00		\$0.00
ENGINEER 1 / Hydrogeologist 1	Lisa, Andy	EN1	\$124.00		\$0.00
ENGINEER 2 / Hydrogeologist 2	Bret	EN2	\$137.00		\$0.00
ENGINEER 3 / Hydrogeologist 3	Erik, Ian, Cody, Craig, Anthony, Eric	EN3	\$145.00		\$0.00
ENGINEER 4 / Hydrogeologist 4	Heath	EN4	\$150.00		\$0.00
ENGINEER 5 / Hydrogeologist 5	AO, TLC, John W., D.Engels, Lynn H, Jay L.	EN5	\$158.00	32	\$5,056.00
PROJECT MANAGER 1	AP, LM, EW, CK, CAS, IKSM, FAB, BJR, JL	PM1	\$152.00		\$0.00
PROJECT MANAGER 2	LH, RLJ, RAO, TLC, JW, HJO, DE	PM2	\$173.00		\$0.00
TECHNICIAN 1		TC1	\$77.00		\$0.00
TECHNICIAN 2		TC2	\$83.00		\$0.00
TECHNICIAN 3	Nick; Hanah, Susan, Julie (specs)	TC3	\$91.00		\$0.00
TECHNICIAN 4	Susan	TC4	\$98.00		\$0.00
TECHNICIAN 5	Jim, Mike, Ron N.	TC5	\$104.00		\$0.00
ENGINEER'S/SURVEYOR'S AIDE		EA1	\$66.00		\$0.00
RPR 1		RP1	\$77.00		\$0.00
RPR 2		RP2	\$83.00		\$0.00
RPR 3	Bret	RP3	\$91.00		\$0.00
RPR 4	Ian, Cody, Anthony	RP4	\$98.00		\$0.00
RPR 5	Jim, Mike	RP5	\$104.00		\$0.00
ENGINEER/TECH/RPR OVERTIME ESTIMATE			\$132.00		\$0.00
SURVEYOR-IN-TRAINING 1		LT1	\$109.00		\$0.00
SURVEYOR-IN-TRAINING 2	Anthony	LT2	\$114.00		\$0.00
SURVEYOR 1	Zane	LS1	\$124.00		\$0.00
SURVEYOR 2	Tim, Cody	LS2	\$137.00		\$0.00
SURVEYOR 3	Lyle	LS3	\$145.00		\$0.00
SURVEYOR 4	Joe F.	LS4	\$150.00		\$0.00
SURVEY TECH 1 (Crew Person)		ST1	\$77.00		\$0.00
SURVEY TECH 2 (Instrument Person)	Lane	ST2	\$83.00		\$0.00
SURVEY TECH 3 (Crew Chief)	Jim, Nick	ST3	\$91.00		\$0.00
SURVEY TECH 4 (Crew Chief)		ST4	\$98.00		\$0.00
SURVEY TECH 5 (Senior Crew Chief)	Tim, Cody, Lyle, Zane	ST5	\$104.00		\$0.00
SURVEYING OVERTIME ESTIMATE			\$121.00		\$0.00
CAD TECHNICIAN 1		CT1	\$83.00		\$0.00
CAD TECHNICIAN 2		CT2	\$91.00		\$0.00
CAD TECHNICIAN 3	Nick	CT3	\$98.00		\$0.00
CAD TECHNICIAN 4	Darrel	CT4	\$104.00		\$0.00
ADMINISTRATIVE ASSISTANT 1		AA1	\$63.00		\$0.00
ADMINISTRATIVE ASSISTANT 2	Hanah	AA2	\$65.00		\$0.00
ADMINISTRATIVE ASSISTANT 3	Kim, Susan, Julie	AA3	\$71.00	8	\$568.00
SUPPORT OVERTIME ESTIMATE			\$90.00		\$0.00
			TOTAL LABOR		\$5,624.00
EQUIPMENT CHARGES					
TECHNOLOGY - COMPUTER, CELL PHONE, SOFTWARE, INCIDENTALS		527	6%		\$337.44
VEHICLES - PER MILE		528	\$0.85		\$0.00
IN-SITU DATA LOGGER RENTAL					\$0.00
ATV & SIDE BY SIDE ATV - PER DAY		528	\$200.00		\$0.00
MISCELLANEOUS CHARGES					
HOTEL, MEALS, TRAVEL EXPENSES		521	COST		\$0.00
PER DIEM	\$80 to \$220 /day	521	COST		\$0.00
LEGAL PUBLICATIONS	BIDDING, 41-DAY ADS	529	COST		\$0.00
POSTAGE AND UPS/OVERNIGHT MAIL		529	COST		\$0.00
PRINTING AND COPYING CHARGES					
PRINTING - MYLARS (& Record Dwgs)	PER SHEET	522	\$10.00		\$0.00
PRINTING - PRINTS (24" X 36) B&W	PER SHEET	522	\$5.00		\$0.00
PRINTING - PRINTS (24" X 36) COLOR	PER SHEET	522	\$15.00		\$0.00
SCANNING	PER DRAWING	522	\$12.00		\$0.00
COLOR COPIES - 8 1/2 X 11 or LEGAL	EACH	523	\$1.50		\$0.00
COLOR COPIES - 11 X 17	EACH	523	\$2.00		\$0.00
COPIES - 11 X 17	EACH	523	\$0.50	260.00	\$130.00
COPIES - 8 1/2 X 11 or LEGAL	EACH	523	\$0.15	2,000.00	\$300.00
TESTING CHARGES					
CONCRETE BREAKS WITH MOLDS	EACH	526	\$35.00		\$0.00
DENSITY TESTS	EACH	526	\$25.00		\$0.00
ASPHALT OR CONCRETE CORES	EACH	526	\$40.00		\$0.00
HOLIDAY OR ADHESION TESTING	PER DAY	529	\$30.00		\$0.00
DRY FILM THICKNESS TESTING	PER DAY	529	\$60.00		\$0.00
PRESSURE RECORDER	PER DAY	529	\$30.00		\$0.00
TURBIDIMETER	PER DAY	529	\$60.00		\$0.00
CURRENT VELOCITY METER	PER DAY	529	\$120.00		\$0.00
BAC-T TESTING (FRIDAY FEE IS \$75)	EACH	529	\$25.00		\$0.00
SURVEYING CHARGES					
TOTAL STATION OR LASER LEVEL	PER HOUR	525	\$20.00		\$0.00
GPS OR ROBOTIC TOTAL STATION	PER HOUR	525	\$60.00		\$0.00
1-1/2" TO 2-1/2" ALUM CAP/REBAR	EACH	525	\$17.50		\$0.00
3-1/4" BRASS CAP AND PIPE	EACH	525	\$100.00		\$0.00
AERIAL TARGETS	COST	525	COST		\$0.00
MISC. SURVEYING MATERIALS	COST	525	COST		\$0.00
			TOTAL REIMBURSABLES		\$767.44
SUBCONSULTANTS					
	ADD IN FEE PLUS 10%		FEE	MARKUP	
MECHANICAL/ELECTRICAL		512	\$3,700.00	1.10	\$4,070.00
GEOTECHNICAL		514		1.10	\$0.00
OTHER -		517		1.10	\$0.00
ARCHITECTURAL		519		1.10	\$0.00
			TOTAL SUBCONSULTANTS		\$4,070.00
			TOTAL EXPENSES		\$4,837.44
PREPARED BY:	AGREEMENT NEEDED?	Short / Long	GRAND TOTAL		\$10,461.44
REVIEWED BY:	RETAINER REQUIRED?	Yes / No	AGREEMENT AMOUNT		

CLIENT:
PROJECT DESCRIPTION:
TASK DESCRIPTION:

City of Laramie
41T3 Well Completion Design/Permitting
Site Specific Investigation
PLEASE TURN IN WITH JOB CARD

PRINTED: 03/24/21

JOB No.: 0
TASK: 4

DESCRIPTION	PERSON	LABOR CODE	RATE	(NO 1/2 HOURS)	TOTALS
LITIGATION SERVICES / SUPPORT		Z	\$275.00		\$0.00
ENGINEER-IN-TRAINING 1	Levi, Lane, Adam, Zane	EIT1	\$109.00		\$0.00
ENGINEER-IN-TRAINING 2	Lyle, Lindsay	EIT2	\$114.00		\$0.00
ENGINEER 1 / Hydrogeologist 1	Lisa, Andy	EN1	\$124.00		\$0.00
ENGINEER 2 / Hydrogeologist 2	Bret	EN2	\$137.00		\$0.00
ENGINEER 3 / Hydrogeologist 3	Erik, Ian, Cody, Craig, Anthony, Eric	EN3	\$145.00		\$0.00
ENGINEER 4 / Hydrogeologist 4	Heath	EN4	\$150.00		\$0.00
ENGINEER 5 / Hydrogeologist 5	Roger, RAO, TLC, John W., D.Engels, Lynn H, Jay L.	EN5	\$158.00	32	\$5,056.00
PROJECT MANAGER 1	AP, LM, EW, CK, CAS, IKSM, FAB, BJR, JL	PM1	\$152.00		\$0.00
PROJECT MANAGER 2	LH, RLJ, RAO, TLC, JW, HJO, DE	PM2	\$173.00		\$0.00
TECHNICIAN 1		TC1	\$77.00		\$0.00
TECHNICIAN 2		TC2	\$83.00		\$0.00
TECHNICIAN 3	Nick; Hanah, Susan, Julie (specs)	TC3	\$91.00		\$0.00
TECHNICIAN 4	Susan	TC4	\$98.00		\$0.00
TECHNICIAN 5	Jim, Mike, Ron N.	TC5	\$104.00		\$0.00
ENGINEER'S/SURVEYOR'S AIDE		EA1	\$66.00		\$0.00
RPR 1		RP1	\$77.00		\$0.00
RPR 2		RP2	\$83.00		\$0.00
RPR 3	Bret	RP3	\$91.00		\$0.00
RPR 4	Ian, Cody, Anthony	RP4	\$98.00		\$0.00
RPR 5	Jim, Mike	RP5	\$104.00		\$0.00
ENGINEER/TECH/RPR OVERTIME ESTIMATE			\$132.00		\$0.00
SURVEYOR-IN-TRAINING 1		LT1	\$109.00		\$0.00
SURVEYOR-IN-TRAINING 2	Anthony	LT2	\$114.00		\$0.00
SURVEYOR 1	Zane	LS1	\$124.00		\$0.00
SURVEYOR 2	Tim, Cody	LS2	\$137.00		\$0.00
SURVEYOR 3	Lyle	LS3	\$145.00		\$0.00
SURVEYOR 4	Joe F.	LS4	\$150.00		\$0.00
SURVEY TECH 1 (Crew Person)		ST1	\$77.00		\$0.00
SURVEY TECH 2 (Instrument Person)	Lane	ST2	\$83.00		\$0.00
SURVEY TECH 3 (Crew Chief)	Jim, Nick	ST3	\$91.00		\$0.00
SURVEY TECH 4 (Crew Chief)		ST4	\$98.00		\$0.00
SURVEY TECH 5 (Senior Crew Chief)	Tim, Cody, Lyle, Zane	ST5	\$104.00		\$0.00
SURVEYING OVERTIME ESTIMATE			\$121.00		\$0.00
CAD TECHNICIAN 1		CT1	\$83.00		\$0.00
CAD TECHNICIAN 2		CT2	\$91.00		\$0.00
CAD TECHNICIAN 3	Nick	CT3	\$98.00		\$0.00
CAD TECHNICIAN 4	Darrel	CT4	\$104.00		\$0.00
ADMINISTRATIVE ASSISTANT 1		AA1	\$63.00		\$0.00
ADMINISTRATIVE ASSISTANT 2	Hanah	AA2	\$65.00		\$0.00
ADMINISTRATIVE ASSISTANT 3	Kim, Susan, Julie	AA3	\$71.00		\$0.00
SUPPORT OVERTIME ESTIMATE			\$90.00		\$0.00
				TOTAL LABOR	\$5,056.00
EQUIPMENT CHARGES					
TECHNOLOGY - COMPUTER, CELL PHONE, SOFTWARE, INCIDENTALS		527	6%		\$303.36
VEHICLES - PER MILE		528	\$0.85		\$0.00
ATV & SIDE BY SIDE ATV - PER DAY		528	\$200.00		\$0.00
MISCELLANEOUS CHARGES					
HOTEL, MEALS, TRAVEL EXPENSES		521	COST		\$0.00
PER DIEM	\$80 to \$220 /day	521	COST		\$0.00
LEGAL PUBLICATIONS	BIDDING, 41-DAY ADS	529	COST		\$0.00
POSTAGE AND UPS/OVERNIGHT MAIL		529	COST		\$0.00
PRINTING AND COPYING CHARGES					
PRINTING - MYLARS (& Record Dwgs)	PER SHEET	522	\$10.00		\$0.00
PRINTING - PRINTS (24" X 36) B&W	PER SHEET	522	\$5.00		\$0.00
PRINTING - PRINTS (24" X 36) COLOR	PER SHEET	522	\$15.00		\$0.00
SCANNING	PER DRAWING	522	\$12.00		\$0.00
COLOR COPIES - 8 1/2 X 11 or LEGAL	EACH	523	\$1.50		\$0.00
COLOR COPIES - 11 X 17	EACH	523	\$2.00		\$0.00
COPIES - 11 X 17	EACH	523	\$0.50		\$0.00
COPIES - 8 1/2 X 11 or LEGAL	EACH	523	\$0.15		\$0.00
TESTING CHARGES					
CONCRETE BREAKS WITH MOLDS	EACH	526	\$35.00		\$0.00
DENSITY TESTS	EACH	526	\$25.00		\$0.00
ASPHALT OR CONCRETE CORES	EACH	526	\$40.00		\$0.00
HOLIDAY OR ADHESION TESTING	PER DAY	529	\$30.00		\$0.00
DRY FILM THICKNESS TESTING	PER DAY	529	\$60.00		\$0.00
PRESSURE RECORDER	PER DAY	529	\$30.00		\$0.00
TURBIDIMETER	PER DAY	529	\$60.00		\$0.00
CURRENT VELOCITY METER	PER DAY	529	\$120.00		\$0.00
BAC-T TESTING (FRIDAY FEE IS \$75)	EACH	529	\$25.00		\$0.00
SURVEYING CHARGES					
TOTAL STATION OR LASER LEVEL	PER HOUR	525	\$20.00		\$0.00
GPS OR ROBOTIC TOTAL STATION	PER HOUR	525	\$60.00		\$0.00
1-1/2" TO 2-1/2" ALUM CAP/REBAR	EACH	525	\$17.50		\$0.00
3-1/4" BRASS CAP AND PIPE	EACH	525	\$100.00		\$0.00
AERIAL TARGETS	COST	525	COST		\$0.00
MISC. SURVEYING MATERIALS	COST	525	COST		\$0.00
				TOTAL REIMBURSABLES	\$303.36
SUBCONSULTANTS					
ADD IN FEE PLUS 10%					
MECHANICAL/ELECTRICAL		512	1.10		\$0.00
GEOTECHNICAL		514	1.10		\$0.00
OTHER -	ENERGY LAB - WATER QUALITY ANALYSIS	517	1.10		\$0.00
ARCHITECTURAL		519	1.10		\$0.00
				TOTAL SUBCONSULTANTS	\$0.00
				TOTAL EXPENSES	\$303.36
PREPARED BY:	AGREEMENT NEEDED?	Short / Long		GRAND TOTAL	\$5,359.36
REVIEWED BY:	RETAINER REQUIRED?	Yes / No		AGREEMENT AMOUNT	