

Memo

To: Mayor Blake Wright
From: Criag Rasmussen *Craig L Rasmussen*
CC: City Council, File
Date: March 26, 2025
Re: 750 South 800 South Sewer – Pay Application #2

Forsgren has received and reviewed Pay Application #2 from Allied Underground Technology LLC for the sewer main and four service lines installed as part of the 750 South to 800 South Sewer Connection project. The contractor installation work is complete, has been reviewed and accepted by Clayton and me. Punch list items have been completed and approved for the work. The work was completed under wet conditions with much of the sewer main line being installed below or near the groundwater level in loose muddy material.

The following bullet items address Proposed Change Items to the original contract. Documentation for the proposal items is submitted following the memo and Summary of Pay Application No. 2.

- Proposal #1. The construction details do not specify that a #12 tracer wire be installed with the lateral sewer lines. State Code specifies that a 6" tracer tape is to be placed two feet above the sewer main. Tracer tape is easily broken and if the line is ever dug up, it near impossible to properly repair over the pipe. Proposal #1 deletes the cost of the 6" detectable tape and adds the #12 tracer wire with a 2" wide detectable tape placed in the trench above the sewer main line. This provides the visual warning of the tape when excavating and also provides a conductive tracer wire at the pipe location throughout the project. The engineer recommends acceptance of Proposal #1 for an additional cost of \$305.20.
- Proposal #2. The project bid on September 18, 2024. However, due to delays with waiting for the easement records on the Conservice property, the project was not awarded until January 2025. Allied Underground technology held their prices for labor and equipment to the original bid and held material costs to the extent that manufacturers and suppliers held the rates provided with the bid. Gravel; pits increased prices of materials on Jan. 1, 2025. Proposal #2 adjusts the contract amount for actual cost increases incurred by the contractor for gravel material price increases. An itemized summary is included in the attached documentation. The engineer recommends acceptance of Proposal #2 for an additional cost of \$234.40.
- Proposal #3. The ground at the bottom of the of the southern end of the excavated main line trench was exceptionally soft and muddy and required stabilization prior to placement of bedding material and placement of the sewer line. The contractor

contacted Forsgren about this condition and verbal approval was provided to place 2" cobble rock at the bottom of the trench for stabilization where necessary. 18.54 tons of rock was placed to improve the subgrade soils under the main sewer line. The engineer recommends approval of Proposal #3 for an additional cost of \$489.83 (18.54 tons at \$26.42 per ton in place).

- Proposal #4. This proposal request addressed delay time incurred by the contractor due to shut-down time requested by the City, waiting for the Conservice sewer easement to be signed. On Wednesday Jan 22, Craig, Janet, and Clayton met with Brett LaMont on-site to review the sewer laterals and stake a layout for the laterals. At that time, Brett discussed the contractor schedule of wanting to start in a couple weeks. At the time it was expected that the Conservice easement would be signed before the start of the project.

Allied moved equipment and materials to the site on Jan. 29. On Jan 30 they worked in the 800 South right of way completing the connection to the existing manhole. Due to working (4) 10 hour shifts, there was no work completed on Jan 31. On Friday the City was told that the easement would be signed on Monday. Based on that information, I approved the contractor to begin installing the main line on Monday with the stipulation that they would be installing the section of the pipe located in the 800 South right of way. By late in the day Monday it was apparent that the easement would not be signed, and I informed Allied that they would not be able to continue until the easement was signed by Conservice.

For Tuesday-Thursday (Feb. 4, 5, 6) Allied re-allocated staff to other projects and the equipment for this project was idle. Likewise, Monday – Thursday (Feb. 10-13) we were still waiting for the easement to be signed, which finally happened on the afternoon of Feb. 13. The contractor started work again on Monday Feb. 17 and substantially completed the project on February 26th.

In hindsight, it was not a good idea to start the project with the understanding that the easement would be signed by the time the contractor completed the work within the City right-of-way. At the time, there was a need to start and complete the project within a compressed schedule window before the contractor had to mobilize to a project out of the area. 7 working days were lost due to the delay of waiting for a signed easement. Allied has submitted a change proposal to recover costs for 4 days of equipment down time, but not charging for laborers or operators. Charges for two excavators, a loader, trench boxes and portable toilet at a total cost of \$157 per hour for (4) 10 hour days are charged. The equipment costs of \$60 per hour for the excavators and \$30 per hour for the loader are appropriate values based on state equipment rates. The engineer recommends approval of Proposal #4 for an additional cost of \$6,280 (\$157 per hour times 10 hours times 4 days).

- Contract deductions in the amount of \$367.29 have been credited back for a sewer cleanout not needed and for a slight reduction in the length of sewer service line installed.

The above adjustments are noted on the Allied Application for Payment #2 Summary. If the City accepts Proposals #1-4 such acceptance should be indicated by signature on the Proposal requests found after the pay application.

If the above noted items are accepted, the adjustment to the contract amount is a net increase of \$6,942.14. If the City does not accept proposed change items, please contact me for discussion and adjustment to the pay application.



Contractor's Application for Payment No. 2

	Application Period: Feb 1 thru Feb 28	Application Date: 3/3/2025
To (Owner): River Heights City	From (Contractor): Allied Underground Technology	Via (Engineer): Forsgren Associates Inc
Project: 750 S to 800 S Sewer Connection Project	Contract: 750 S to 800 S Sewer Connection Project	
Owner's Contract No.:	Contractor's Project No.:	Engineer's Project No.:

**Application For Payment
Change Order Summary**

Approved Change Orders	Number	Additions	Deductions			
Proposal #1		\$305.20		1. ORIGINAL CONTRACT PRICE.....	\$	\$106,485.16
Proposal #2		\$234.40		2. Net change by Change Orders.....	\$	\$6,942.14
Proposal #3		\$489.83		3. Current Contract Price (Line 1 ± 2).....	\$	\$106,485.16
Proposal #4		\$6,280.00		4. TOTAL COMPLETED AND STORED TO DATE		
Quantity Adjust.			\$367.29	(Column F total on Progress Estimates).....	\$	\$113,427.30
				5. RETAINAGE:		
				a. X \$113,427.30 Work Completed.....	\$	
				b. X Stored Material.....	\$	
				c. Total Retainage (Line 5.a + Line 5.b).....	\$	
				6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c).....	\$	\$113,427.30
				7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application).....	\$	\$9,845.26
				8. AMOUNT DUE THIS APPLICATION.....	\$	\$103,582.04
				9. BALANCE TO FINISH, PLUS RETAINAGE		
				(Column G total on Progress Estimates + Line 5.c above).....	\$	
TOTALS		\$7,309.43	\$367.29			
NET CHANGE BY CHANGE ORDERS		\$6,942.14				

Contractor's Certification	
The undersigned Contractor certifies, to the best of its knowledge, the following:	
(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;	
(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and	
(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.	
Contractor Signature	
By: _____	Date: _____

Payment of: \$ 103,582.04
(Line 8 or other - attach explanation of the other amount)

is recommended by: Craig K. Rasmussen 3/26/25
(Engineer) (Date)

Payment of: \$ _____
(Line 8 or other - attach explanation of the other amount)

is approved by: _____
(Owner) (Date)

Approved by: Not Applicable
Funding or Financing Entity (if applicable) (Date)

Progress Estimate - Unit Price Work

Contractor's Application

For (Contract): 750 S to 800 S Sewer Connection Project							Application Number: 2				
Application Period: Feb 1 thru Feb 28							Application Date: 2/3/2025				
A					B	C	D	E	F		G
Item			Contract Information			Estimated Quantity Installed	Value of Work Installed to Date	Materials Presently Stored (not in C)	Total Completed and Stored to Date (D + E)	% (F / B)	Balance to Finish (B - F)
Bid Item No.	Description	Item Quantity	Units	Unit Price	Total Value of Item (\$)						
Main Sewer Line Bid											
1	Mobilization and Demobilization	1	LS	\$5,875.00	\$5,875.00	1	\$5,875.00		\$5,875.00	100.0%	
2	8" PVC Pipe	410	LF	\$93.78	\$38,449.80	410	\$38,449.80		\$38,449.80	100.0%	
3	48" Sanitary Sewer Manhole	2	EA	\$6,642.00	\$13,284.00	2	\$13,284.00		\$13,284.00	100.0%	
4	Core into Existing Sewer Manhole and Connect with Pipe Drop	1	EA	\$8,332.00	\$8,332.00	1	\$8,332.00		\$8,332.00	100.0%	
Services Install Bid											
1	Mobilization and Demobilization	1	LS	\$2,300.00	\$2,300.00	1	\$2,300.00		\$2,300.00	100.0%	
2	4" SDR 35	884	LF	\$37.29	\$32,964.36	883	\$32,927.07		\$32,927.07	99.9%	
3	Sanitary Sewer Cleanout	16	EA	\$330.00	\$5,280.00	15	\$4,950.00		\$4,950.00	93.8%	
	RH Proposal #1; Tracer Wire on Service Lines	1	LS	\$305.20	\$305.20	1	\$305.20		\$305.20	100.0%	
	RH Revised Proposal #2; Material Additional Cost After New Year	1	LS	\$234.40	\$234.40	1	\$234.40		\$234.40	100.0%	
	RH Revised Proposal #3; Trench Stabilization Rock	18.54	TON	\$26.42	\$489.83	18.54	\$489.83		\$489.83	100.0%	
	RH Proposal #4; Equipment Waiting Cost	1	LS	\$6,280.00	\$6,280.00	1	\$6,280.00		\$6,280.00	100.0%	
Totals					\$113,794.59		\$113,427.30		\$113,427.30	99.7%	

Allied Underground Technology LLC



PO Box 297
Wellsville, UT 84339
Brett LaMont
435-994-0373
brett.allied@gmail.com

Proposal #1; Tracer Wire

This proposal may be withdrawn if not accepted within 15 days

Customer Name: River Heights City **Date:** 29-Jan-24
Job Name: 750 S TO 800 S Sewer Connection Project
Job Address: 800 S 350 E, River Heights
Attention: Craig Rasmussen
Phone: 435-232-7265

Work Incudes

AUT is providing this proposal for tracer wire on the 4" service laterals and a deduct in price for the difference from 6" detectable tape to 2" detectable tape.

Does not include: items that are covered in other bid items

Unit Measure	Description	Unit Price	Subtotal
2	Per each credit price for 6" x 1000' detectable tape-sewer	\$ (74.74)	\$ (149.48)
2	Per each cost for 2" x 1000' detectable tape-sewer	\$ 34.34	\$ 68.68
2	Per roll cost of 12 GA UF wire green 500' roll solid copper for service laterals	\$ 160.50	\$ 321.00
1	Lump sum additional cost to install 884' of tracer wire with the sewer service lines	\$ 65.00	\$ 65.00
0	Requested extra calendar days added to the contract		
Net Proposal Total			\$ 305.20

Notes

Terms: Payment Due upon completion. Invoices subject to 1.5% interest per month beginning 30 days following the due date. In the event it becomes necessary for Allied Underground Technology, LLC. to file suit to collect any money due, hereunder or for breach thereof, the owner agrees to pay, in addition to the amount due, all costs of enforcement including reasonable attorney's fees.

Allied Underground Technology's Website is alliedundergroundtechnology.com

Acceptance of Proposal and Contract.

The above prices, terms, specifications, and conditions are satisfactory and hereby accepted. You are authorized to perform the work as specified. I understand that Allied Underground Technology, LLC. is not liable for conditions beyond their control or Acts of God which delay completion of a specified job.

Date of Acceptance: _____ **By:** Craig L Rasmussen
Authorized Representative

Owner Approval: _____ **By:** _____
River Heights City

Allied Underground Technology LLC



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Brett LaMont
435-994-0373

brett.allied@gmail.com

Revised Proposal #2; Material Additional Cost After New Year

This proposal may be withdrawn if not accepted within 15 days

Customer Name: River Heights City

Date: 28-Feb-25

Job Name: 750 S TO 800 S Sewer Connection Project

Job Address: 800 S 350 E, River Heights

Attention: Craig Rasmussen

Phone: 435-232-7265

Work Incudes

AUT is providing this proposal to cover the additional costs of material price increases that are incorporated after the new year

Does not include: items that are covered in other bid items

Unit Measure	Description	Unit Price	Subtotal
1	Lump sum additional cost for material price increases for the project	\$ 234.40	\$ 234.40
0	Requested extra calendar days added to the contract		
Net Proposal Total			\$ 234.40

Notes

Terms: Payment Due upon completion. Invoices subject to 1.5% interest per month beginning 30 days following the due date. In the event it becomes necessary for Allied Underground Technology, LLC. to file suit to collect any money due, hereunder or for breach thereof, the owner agrees to pay, in addition to the amount due, all costs of enforcement including reasonable attorney's fees.

Allied Underground Technology's Website is alliedundergroundtechnology.com

Acceptance of Proposal and Contract.

The above prices, terms, specifications, and conditions are satisfactory and hereby accepted. You are authorized to perform the work as specified. I understand that Allied Underground Technology, LLC. is not liable for conditions beyond their control or Acts of God which delay completion of a specified job.

Recommended for Approval: 3/05/25

By: Craig L Rasmussen

Engineer

Owner Approval: _____

By: _____

River Heights City

River Heights Sewer Truck Invoices and Amounts

<u>Date</u>	<u>Truck</u>	<u>Invoice #</u>	<u>Material</u>	<u>Tons</u>	<u>2024</u> <u>Unit</u> <u>Quoted \$</u>	<u>2025</u> <u>Unit</u> <u>Billed \$</u>	<u>2024</u> <u>total</u> <u>quoted \$</u>	<u>2025</u> <u>total</u> <u>Billed \$</u>
1/29/2025	pete	1451064	3/8" pea gravel	18.51	\$ 11.80	\$ 12.10	\$ 218.42	\$ 223.97
1/29/2025	pete	1451064	3/4"x#4 rock	18.04	\$ 15.10	\$ 19.20	\$ 272.40	\$ 346.37
1/29/2025	pete	1451064	bedding sand	18.04	\$ 8.00	\$ 8.35	\$ 144.32	\$ 150.63
1/29/2025	pete	1451064	3" granular borro	18.36	\$ 8.40	\$ 8.65	\$ 154.22	\$ 158.81
1/29/2025	pete	1451064	com road base	18.69	\$ 10.90	\$ 11.45	\$ 203.72	\$ 214.00
1/29/2025	pete	1451064	bedding sand	18.25	\$ 8.00	\$ 8.35	\$ 146.00	\$ 152.39
2/6/2025	pete	1453610	bedding sand	18.93	\$ 8.00	\$ 8.35	\$ 151.44	\$ 158.07
2/6/2025	pete	1453610	bedding sand	18.49	\$ 8.00	\$ 8.35	\$ 147.92	\$ 154.39
2/6/2025	pete	1453610	bedding sand	17.7	\$ 8.00	\$ 8.35	\$ 141.60	\$ 147.80
2/6/2025	pete	1453610	bedding sand	17.1	\$ 8.00	\$ 8.35	\$ 136.80	\$ 142.79
2/6/2025	pete	1453610	bedding sand	17.31	\$ 8.00	\$ 8.35	\$ 138.48	\$ 144.54
2/6/2025	pete	1453610	bedding sand	17.26	\$ 8.00	\$ 8.35	\$ 138.08	\$ 144.12
2/6/2025	pete	1453610	3/4"x#4 rock	16.71	\$ 15.10	\$ 19.20	\$ 252.32	\$ 320.83
2/6/2025	pete	1453610	bedding sand	17.39	\$ 8.00	\$ 8.35	\$ 139.12	\$ 145.21
					difference with tax			
				difference	\$ 219.06 x tax (1.07)	\$ 234.40	\$ 2,384.85	\$ 2,603.91

Allied Underground Technology LLC



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Brett LaMont
435-994-0373

brett.allied@gmail.com

Revised Proposal #3; Revised Trench Stabilization Rock

This proposal may be withdrawn if not accepted within 15 days

Customer Name: River Heights City **Date:** 6-Feb-25
Job Name: 750 S TO 800 S Sewer Connection Project
Job Address: 800 S 350 E, River Heights
Attention: Craig Rasmussen
Phone: 435-232-7265

Work Incudes

AUT is providing this proposal for material, delivery, and labor labor to install 2" trench stabilization rock
Does not include: items that are covered in other bid items

Unit Measure	Description	Unit Price	Subtotal
18.54	Per ton price for material, delivery, and labor labor to install 2" trench stabilization rock	\$ 26.42	\$ 489.83
0	Requested extra calendar days added to the contract		
Net Proposal Total			\$ 489.83

Notes

Terms: Payment Due upon completion. Invoices subject to 1.5% interest per month beginning 30 days following the due date. In the event it becomes necessary for Allied Underground Technology, LLC. to file suit to collect any money due, hereunder or for breach thereof, the owner agrees to pay, in addition to the amount due, all costs of enforcement including reasonable attorney's fees.

Allied Underground Technology's Website is alliedundergroundtechnology.com

Acceptance of Proposal and Contract.

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Recommended for Approval: 3/05/25 By: Craig L. Rasmussen
Engineer

Owner Approval: _____ By: _____
River Heights City



Allied Underground Technology LLC

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Wellsville, UT 84339
Brett LaMont
435-994-0373
brett.allied@gmail.com

Proposal #4; Equipment Waiting Cost

This proposal may be withdrawn if not accepted within 15 days

Customer Name: River Heights City **Date:** 11-Feb-25
Job Name: 750 S TO 800 S Sewer Connection Project
Job Address: 800 S 350 E, River Heights
Attention: Craig Rasmussen
Phone: 435-232-7265

Work Incudes

AUT is providing this proposal for equipment costs when told to proceed with the project, then told to not work after equipment was on site and work had begun. Allied Underground Technology was directed to wait instead of mobilizing out, then mobilizing back in again to finish the main line.

Does not include: items that are covered in other bid items

Unit Measure	Description	Unit Price	Subtotal
40	Per hour cost for a 36 ton excavator (No cost for an operator, fuel usage, wear and tear)	\$ 60.00	\$ 2,400.00
40	Per hour cost for a 36 ton excavator (No cost for an operator, fuel usage, wear and tear)	\$ 60.00	\$ 2,400.00
40	Per hour cost for a 2.5 yard bucket loader (No cost for an operator, fuel usage, wear and tear)	\$ 30.00	\$ 1,200.00
40	Per hour cost for all trench boxes and steel plates on site	\$ 5.00	\$ 200.00
40	Per hour cost for the portable toilet	\$ 2.00	\$ 80.00
			\$ -
0	Requested extra calendar days added to the contract		
Net Proposal Total			\$ 6,280.00

Notes

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Recommended for Approval: 3/05/25 By: Craig K Rasmussen
Engineer

Owner Approval: _____ By: _____
River Heights City