

AMENDMENT NO. 1 TO AGREEMENT

Project: No. 18-2480 / CIP 50729 Elk Vale Lift Station Gravity Main & Force Main Upgrades

Background Data:

The project includes new force main and gravity sewer main to be constructed along Elk Vale Road from Seger Drive to Homestead Street, approximately 2.5 miles in length, to accommodate flows from the Elk Vale Lift Station. This project is needed to meet the near term expected sewer demands from the upstream service area. The Elk Vale Lift Station was upgraded in 2013. This project will allow for the full capacity of the lift station to be used. This project is a high priority of the Utility Maintenance Department due to the limitations of the existing force main and gravity sewer main.

Nature of Amendment:

This amendment is for AE2S to provide additional professional services for design not contemplated in the original agreement including revising a portion of the project alignment, additional design to address a drainage issue within the project limits, and revising the project schedule. This amendment will also extend the contract completion date from December 31st, 2020 to June 1st, 2021.

Current Contract Amount: \$522,701.00

Change Requested: \$28,513.00

New Contract Amount: \$551,214.00

Owner and Engineer hereby agree to modify the above referenced Agreement as set forth in this Amendment. All provisions of the Agreement not modified by this or previous Amendments remain in effect. The effective date of this Amendment is: December 8, 2020.

CITY OF RAPID CITY:

Engineer:

By: _____
Steve Allender, Mayor

By: _____
AE2S, Inc.

Date Signed: _____

Date Signed: 11/19/2020

ATTEST:

By: _____
Pauline Sumption, Finance Director

Date Signed: _____



**EXHIBIT A
SCOPE OF SERVICES
AMENDMENT NO. 1 TO EXISTING CONTRACT**

**Elk Vale Lift Station Gravity & Force Main Upgrade
Project No. 18-2480 / CIP 50729**

The City of Rapid City has requested an amendment to the original contract for professional services for the Elk Vale Lift Station – Gravity Force Main Upgrade.

The proposed amendment for the Elk Vale Lift Station – Gravity Force Main Upgrade consists of:

1. Revising the scope to include:
 - a. Additional labor hours associated with amended alignment direction given by the City following the completion of the Preliminary Design Report and 65% Plans and Specifications.
 - i. Work included additional survey, drafting, and hydraulic analysis.
 - b. Drainage repair at 925 Elk Vale Rd #100.*
 - c. Tasks 2.19 through 2.28 scheduled to be completed in 2021.
 - d. Task 3 – Bidding Services scheduled to be completed in 2021.
 - e. Inclusion of 2021 Labor Rates

AMENDED PROJECT SCOPE

AE2S will complete the additional or modified tasks as part of this amendment. Task and subtask numbering are consistent with the original contract. Modified scope items are in ~~strike-out~~ and *italics*.

TASK 1 - PRELIMINARY DESIGN SERVICES:

No additional services.

TASK 2 - FINAL DESIGN SERVICES:

*2.29 Drainage Repair at 925 Elk Vale Rd #100 to include:**

- a. *Review existing drainage of site.*
- b. *Field survey of existing conditions – curb line, concrete channel, riprap limits, slope from parking lot to ditch bottom, ditch topography, including culverts, existing edge of roadways, existing utilities not included within original project survey.*

- c. *Design riprap option (riprap from end of existing rock to ditch bottom, and along ditch bottom, and possibly extension of existing concrete chute.*
- d. *Prepare Tech Memo describing design, including cost estimate for options and review with the City.*

**If City determines to move forward with Task 2.29, a separate notice to proceed will be issued for this task.*

TASK 3 - BIDDING SERVICES

No additional services.

AMENDED PROJECT SCHEDULE

Below are the modified timeframes for each phase of work based on the Scope of Services dates.

Added in **bold**. Modified deadlines in ~~strike-out~~ and *italics*

Draft Preliminary Design Report Submittal – February 7, 2020

Draft Design Report Review Complete – February 28, 2020

Final Design Report Submittal – March 6, 2020

65% Plans and Specifications Submittal – June 26, 2020

65% Plans and Specifications Review Complete – July 17, 2020

100% Plans and Specifications Submittal – December 18, 2020

100% Plans and Specifications Review Complete – January 15, 2021

Final Plans and Specifications Submittal – January 29, 2021**

Bid Opening – February 23, 2021**

Project 100% Constructed – November 2022

**These items are dependent on completion of easement negotiations. Final Submittal should not occur until easement negotiations are complete and any plan changes resulting from easement negotiations are incorporated into the Final Submittal.

EXHIBIT B
AMENDMENT NO. 1 TO EXISTING CONTRACT

DESIGN and BIDDING SERVICES for Tasks 1, 2 and 3
Elk Vale Lift Station Gravity & Force Main Upgrade
Project No. 18-2480 / CIP #50729
Advanced Engineering and Environmental Services, Inc.
TASK SCHEDULE
Date: November 19, 2020

TASK	Task 2 - Final Design Services - Amendment No. 1	Task Cost
2.16	100% Plans and Specifications	\$ 21,184.00
2.19	Provide 2 copies and a pdf of Finalized Project Design Report	\$ 24.00
2.20	Provide final Plans, Specifications, Contract Documents and OPCC	\$ 72.00
2.21	Address 100% submittal staff comments	\$ 72.00
2.22	Final Submittal	\$ 9.00
2.23	Prepare Permits and Exhibits for the City	\$ 48.00
2.24	Identify Permits for the Contractor	\$ 24.00
2.25	Prepare Final Engineer's Cost Opinion	\$ 60.00
2.26	Final Deliverable Package	\$ 12.00
2.27	Address DENR Review Comments	\$ 18.00
2.28	Assist the City in securing the project bond	\$ 24.00
2.29	Homestead Drainage Repair (anticipated to be completed in 2021)	\$ 6,480.00
	Supplies, Mileage, Printing allowances	\$ 25.00
	Subtotal Task 2 - Final Design Services - Amendment No. 1	\$ 28,052.00

TASK	Task 3 - Bidding Services - Amendment 1	Task Cost
3.1	Submit info to Rapid City Project Manager	\$ 24.00
3.2	Prebid Conference	\$ 36.00
3.3	Prepare Bid Addendums	\$ 277.00
3.4	Attend Public Works Meeting	\$ 24.00
3.5	Review Bidders Proposals and Prepare Recommendation	\$ 48.00
3.6	As-Built Documents	\$ 52.00
	Supplies, Mileage, Printing allowances	
	Subtotal Task 3 - Bidding Services - Amendment 1	\$ 461.00

TOTAL ESTIMATED FEES - Tasks 2 & 3 - Amendment No. 1	\$ 28,513.00
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Note: AE2S shall retain the right to reallocate task costs subject to the maximum limiting fee.

EXHIBIT C
LABOR AND EXPENSE RATES
AMENDMENT NO. 1 TO EXISTING CONTRACT

Elk Vale Lift Station Gravity & Force Main Upgrade
Project No. 18-2480 CIP 50729

Modified items are in ~~strike-out~~ and *italics*.

Advanced Engineering and Environmental Services, Inc.			
Position Title	Labor Category	2020 Hourly Billing Rate	2021 Hourly Billing Rate
Project Manager – Dustin Dale	Engineer 4	\$187.00	<i>\$193.00</i>
Assistant Project Manager – Joe Noble	Engineer 3	\$165.00	<i>\$168.00</i>
QC Reviewer – Brent Erickson	Engineer 5	\$199.00	<i>\$205.00</i>
Project Engineer – Kevin Johnson	Engineer 3	\$165.00	<i>\$168.00</i>
Project Engineer – Mark Peterson	Engineer 5	\$199.00	<i>\$205.00</i>
Drafting Technician – Michael Schille	Engineering Technician 4	\$125.00	
<i>Drafting Technician – Rick Fox</i>	<i>Engineering Technician 4</i>		<i>\$126.00</i>
<i>Drafting Technician – Erik Joens</i>	<i>Engineering Technician 3</i>		<i>\$112.00</i>
ROW/GIS – Justin Huntley	Engineer 3	\$165.00	<i>\$168.00</i>
Surveyor – Keith Peterson	Land Surveyor 1	\$102.00	<i>\$103.00</i>
Project Engineer – Jayme Klecker	Engineer 5	\$199.00	<i>\$205.00</i>
Project Engineer – Ben Julson	Engineer 3	\$165.00	<i>\$168.00</i>
Process Technician – Steve Seibert	Engineering Technician 6	\$156.00	<i>\$158.00</i>
Electrical Engineer – Damon Chmela	Engineer 8	\$246.00	<i>\$250.00</i>
Electrical Engineer – Kody Pataky	Engineer 3	\$165.00	
Electrical Technician – Pete Manfredini	Engineering Technician 6	\$156.00	<i>\$158.00</i>
I&C Engineer – Jason Salber	Engineer 3	\$165.00	<i>\$168.00</i>
I&C Technician – Michael Woessner	I&C Technician 2	\$118.00	<i>\$122.00</i>
Structural Engineer – Jordan Geiger	Engineer 3	\$165.00	<i>\$168.00</i>
Project Coordinator – Sandy Feickert	Project Coordinator 2	\$114.00	<i>\$115.00</i>
Variable	Engineer 1	\$109.00	<i>\$119.00</i>
<i>Administrative Assistant – Michelle Ritchie</i>	<i>Administrative 3</i>	<i>\$88.00</i>	<i>\$88.00</i>

If project goes to 2021, Contract will be amended.

Project Mileage:..... \$ 0.65/mile

Project Mileage:.....\$ 0.70/mile

Project Travel (Other):..... Actual Cost

In House B&W Printing:..... \$ 0.10/page

In House Color Printing:..... \$ 1.25/sf

All Other Reimbursables:..... Actual Cost