

**AMENDMENT NO. 1 TO CONTRACT K-1819-06
BETWEEN NORMAN UTILITIES AUTHORITY AND ALAN PLUMMER ASSOCIATES, INC.
TO AGREEMENT
FOR
ENGINEERING SERVICES**

This Amendment No. 1 dated this _____ day of _____ 2020 is made a part of the Agreement dated August 28, 2018, between the Norman Utilities Authority (OWNER) and Alan Plummer Associates, Inc. (ENGINEER) for professional engineering services.

1. The times for the performance of ENGINEER's services of said Agreement are amended as set forth in Attachment A, attached hereto and incorporated by reference herein.
2. The Scope of Services of ENGINEER of said Agreement are amended and supplemented as described in Attachment B, attached hereto and incorporated by reference herein.
3. The method of payment for services rendered by ENGINEER shall be set forth in Attachment C, attached hereto and incorporated by reference herein.

Acceptance of the terms of this Amendment is acknowledged by the following authorized signatures of the parties to the Agreement. All other particulars in the original Agreement, and not specifically referenced in this Amendment No. 1, remain in effect and unchanged.

IN WITNESS WHEREOF, OWNER and ENGINEER have executed this AGREEMENT.

DATED this _____ day of _____ 20_____.

Alan Plummer Associates, Inc. - ENGINEER

ATTEST

By:

Ma Swartz

Title:

OK Area Leader

Christopher Ferguson
Senior Project Engineer

Norman Utilities Authority- OWNER

APPROVED as to form and legality this 4 day of May, 2020.

[Signature]

City Attorney

APPROVED by the Trustees of the Norman Utilities Authority this _____ day of _____, 20_____.

ATTEST

By:

Title:

ATTACHMENT A

SCHEDULE

ENGINEER shall complete and submit the survey within two weeks of authorization.

**ATTACHMENT B
CITY OF NORMAN
ROBINSON WATER LINE REPLACEMENT, PHASE III – AMENDMENT #1 – SCOPE OF SERVICES
March, 2020**

1.0 ADDITIONAL SERVICES

Additional services for Survey beyond those included in the Original Agreement:

ACTIVITY E1 – ENGINEERING ALLOWANCES (SURVEY)

Task 1 – Additional Survey

ENGINEER will survey approximately 7,000 LF for the waterline:

- A. Survey will horizontally and vertically pick up surface features; drainage features; building locations; fences/retaining walls; tree lines; roadways; railways; and city, county and franchise utilities (as provided by OK Locate utility locate request) within the project area to the following limits:
 - Approximately 7,000 LF of alignment mapping for the water pipeline
 - Alignment swaths will be 100 feet wide centered on the centerline of the pipeline.
- B. Methods and precision: All development must be tied to two of the OWNER's control points. Survey coordinates will be reported on the NGS Oklahoma State Plane Coordinate System, NAD83 (+/- 0.01 feet) with vertical coordinates reported in the NAVD 88 Vertical System (+/- 0.01 feet). Horizontal and vertical control will be set using post-processed GPS static methods. Data will be collected using RTK GPS and robotic total stations for the majority of the survey. Laser scanning methods will be used at state highway and railroad crossings for safety reasons. The permanent benchmark location and description used to extend level datum to the projects shall be noted on the plans.
- C. All survey data collected will also be submitted in GIS format per project spatial data management and procedures with appropriate ground to grid conversion.

Deliverables

- a. Electronic Survey File

ATTACHMENT C

COMPENSATION

The OWNER will compensate ENGINEER on a lump sum basis for the SERVICES rendered. The lump sum fee is broken down below by task as defined in the Scope of Services:

Activity	Task Description	Original Amount	Increase (Decrease)	Revised Amount
Construction Phase III	DETAILED DESIGN AND CONSTRUCTION			
A	Project Coordination	\$26,000	\$0	\$0
B1	Phase II Additional Design Services	\$20,000	\$0	\$0
B2	80% Pipeline Design	\$77,000	\$0	\$0
B3	Final Pipeline Design	\$35,000	\$0	\$0
C	Bid Phase Services	\$35,000	\$0	\$0
D	Construction Phase Services	\$40,000	\$0	\$0
E1	Engineering Allowances (Survey)	\$35,000	\$10,000	\$45,000
E2	Engineering Allowances (Easements)	\$6,000	\$0	\$0
F	Reimbursables	\$6,000	\$0	\$0
	Total Fee	\$280,000	\$10,000	\$290,000

The ENGINEER may submit interim statements, not to exceed one per month, for partial payment for SERVICES rendered. The statements to OWNER will be by task for the percentage of work actually completed. The OWNER shall make interim payments within 30 calendar days in response to ENGINEER's interim statements.

No budgetary allowance has established for Additional Services. Additional services must be authorized by amendment of the agreement. Time and materials billing for ENGINEER'S labor will be at the hourly rates provided below. ENGINEER's direct expenses, including subcontractor expenses, will include a multiplier of 1.10.