



# City of Norman, OK

Municipal Building  
Council Chambers  
201 West Gray  
Norman, OK 73069

## Master

**File Number: K-1819-72 AMD#1**

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<b>File ID:</b> K-1819-72 AMD#1	<b>Type:</b> Contract	<b>Status:</b> Consent Item
<b>Version:</b> 1	<b>Reference:</b> Item 31	<b>In Control:</b> City Council
<b>Department:</b> Utilities Department	<b>Cost:</b> \$18,000.00	<b>File Created:</b> 08/06/2019
<b>File Name:</b> Item 31Amendment 1 to Interstate WL Design Contract		<b>Final Action:</b>

**Title:** AMENDMENT NO. ONE TO CONTRACT K-1819-72: A CONTRACT BY AND BETWEEN THE NORMAN UTILITIES AUTHORITY AND CARDINAL ENGINEERING, L.L.C., INCREASING THE CONTRACT AMOUNT BY \$18,000 FOR A REVISED TOTAL OF \$108,400 TO PROVIDE ADDITIONAL ENGINEERING DESIGN, BIDDING AND CONSTRUCTION MANAGEMENT SERVICES FOR THE INTERSTATE DRIVE WATER LINE REPLACEMENT PROJECT

**Notes:** ACTION NEEDED: Acting as the Norman Utilities Authority, motion to approve or reject Amendment No. One to Contract K-1819-72 with Cardinal Engineering, L.L.C., increasing the contract amount by \$18,000 for a revised contract amount of \$108,400; and, if approved, authorize the execution thereof.

ACTION TAKEN: \_\_\_\_\_

**Agenda Date:** 08/27/2019

**Agenda Number:** 31

**Attachments:** Interstate Drive WL Map, Cardinal K-1819-72 signed,  
Interstate Drive WL Map Revised, K-1819-72 Interstate  
WL Amendment No 1 signed

**Project Manager:** Mark Daniels, Utilities Engineer

**Entered by:** mark.daniels@normanok.gov

**Effective Date:**

### History of Legislative File

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Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
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### Text of Legislative File K-1819-72 AMD#1

Body

**BACKGROUND:** As a part of the FYE19 capital budget, the Norman Utilities Authority (NUA) approved the Interstate Drive Waterline (WL) Replacement project (WA0245). The project will replace deteriorated ductile iron (DI) pipe with C900 Polyvinyl Chloride (PVC) pipe. The existing DI pipe is not compatible with our acidic clay soils and is failing, causing water

outages, water loss, un-necessary repairs to public and private property, and excessive maintenance demands.

The original project included approximately 7,500 feet of new PVC pipe located along Interstate Drive (west side of I-35) from Northwest Boulevard south to near River Oaks Drive, along Copperfield Drive from Northwest Boulevard south to Interstate Drive, along Northwest Boulevard between Interstate Drive and Copperfield Drive and an extension west into Springbrook Addition (see attached Interstate Drive Water Line Map).

On June 12, 2018, Request for Proposal RFP-1819-05 was distributed to consultants. On August 19, 2018, the review team selected Cardinal Engineering, LLC (Cardinal) of Norman as the most qualified consultant for the project. On February 26, 2019, the NUA approved Contract K-1819-72 (attached) in the amount of \$90,400 authorizing design, bidding and limited construction management services for the project.

**DISCUSSION:** Design and surveying services were initiated in March 2019 and the initial design was submitted in May 2019. Additionally, the NUA was contacted by the management of Sooner Mall regarding water line replacements they were funding to alleviate water line breaks and resultant flooding in the Mall. After several meetings, NUA staff determined additional water line improvements along River Oaks Drive between 36th Avenue NW and Interstate Drive and within the Huntington Condominium complex were needed to better coordinate with the Sooner Mall waterline improvements. The amended project locations are illustrated on the Revised Interstate Drive Water Line Map.

NUA staff asked Cardinal to determine the additional cost to include an additional 1,700 feet of waterline improvements in their existing scope of work. Cardinal requested an additional fee of \$18,000; staff believes the proposed fee for the amended scope is fair and reasonable and recommends approval of the amendment. The additional fee is broken out by task in Attachment C to the amendment; Attachment A defines the amended scope while Attachment B extends the design period by 30 days after NUA approval of the amendment.

The current year budget includes an unencumbered balance of \$145,000 in Interstate Drive WL Replacement, Design (account 031-9360-462.62-01; project WA0245), which is sufficient to fund the contract.

If approved, final design should be complete in September with bidding expected in October 2019. Construction is expected to begin in January or February and should be complete by July 2020.

**RECOMMENDATION:** Staff recommends the NUA approve Amendment No. 1 to Contract K-1819-72 with Cardinal Engineering, LLC, in the amount of \$18,000 for a revised total of \$108,400; and authorize the execution thereof.