



## STAFF REPORT

**DATE:** June 20, 2017

**TO:** Ronald L. Olson, City Manager

**FROM:** David Olson, Executive Director of Public Works

**SUBJECT:** Authorize additional professional services for the Liberty Ditch Bank Stabilization minor drainage capital improvement project.

### **BACKGROUND AND FINDINGS:**

In June 2014, an emergency temporary repair was constructed by City staff on a section of Liberty Ditch between the Burlington Northern Sante Fe (BNSF) railroad and Bell County Water Control and Improvement District (WCID) #1 wastewater plant on 38<sup>th</sup> Street. The repair was required due to the failure of the concrete channel adjacent to multiple critical utilities for Killeen and Fort Hood. The first repair was lost to a flood event which overtopped the channel and severely eroded the channel bank of approximately 200 linear feet. In September of 2016, the City entered into a professional services agreement with Halff Associates, Inc. (Halff) for the preliminary evaluation and final design of a permanent repair. The professional services agreement included the initial cost of \$49,850.00. Since that time, staff has been working with Halff and Bell County WCID #1 to develop a sustainable solution to the erosion and infrastructure failure in this channel. In order to account for erosion from subsequent storms and to provide a structurally sound design, additional topographic and geotechnical services were required. This professional services agreement amendment covers that expense and the expense to manage bid and construction phase services.

### **THE ALTERNATIVES CONSIDERED:**

The alternatives considered included contracting with Halff for bid and construction phase services, proceeding with bid and construction phase services with in-house staff, and continuing to conduct temporary repairs on the structure. Staff recommends proceeding with the contract amendment to Halff's professional services agreement. This will allow Halff to remain in control of their design and allow staff to focus on the city's primary operational mission.

### **CONFORMITY TO CITY POLICY:**

This amendment to Halff's professional service agreement is in accordance with the City's adopted purchasing policy.

### **FINANCIAL IMPACT:**

Total fiscal impact of this professional services agreement amendment is \$31,605.00. This is a one-time expenditure for these services. Funding for this expenditure was budgeted in the

Fiscal Year 2017 Drainage Utility Fund Engineering Services account (575-3476-432.47-20). There are sufficient funds within this account for this professional services agreement amendment.

**RECOMMENDATION:**

That the City Council authorize the city manager to execute the amendment to the professional services agreement with Halff Associates, Inc. in the amount of \$31,605.00, and that the City Manager is expressly authorized to execute any and all change orders within the amounts set by state and local law.

**DEPARTMENTAL CLEARANCES:**

Legal  
Finance

**ATTACHED SUPPORTING DOCUMENTS:**

Amendment  
Agreement  
Preliminary Engineering Report  
Appendix E  
Certificate of Interested Parties