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April 4, 2018

Mr. David Rabago, P.E., Utility Engineer  
City of Seguin  
P.O. Box 591  
Seguin, Texas 78156-0591

**RE: CAVCO Sewer Main Replacement Project  
Engineering Services Change Order No. 1**

Dear Mr. Rabago:

This letter represents TRC's engineering services proposal for the design, preparation of construction documents and bidding/construction administration for Change Order No. 1 for the above-referenced project. The change order consists of the design of approximately 3,000 linear feet of 24" sanitary sewer gravity main to replace the existing 12" sanitary sewer main extending from the northern termination point of the current design project to just north of Rudeloff Road. The project also consists of approximately 850 linear feet of 24" sanitary sewer gravity main extending from Huber Road east to near Walnut Branch. This change order design will be bid and constructed as part of the original design project. The cost to provide the engineering services is as follows:

Environmental/Cultural Resources:	\$10,643
Topographical Surveying:	\$16,610
Subsurface Utility Engineering (SUE) <sup>(1)</sup> :	\$ 8,030
Easement Metes and Bounds (qty. 2)	\$ 3,080
Engineering Services:	<u>\$88,171</u>
<b>Total:</b>	<b>\$126,534 (lump sum basis)</b>

<sup>(1)</sup>SUE is provided only in City right-of-way

The opportunity to provide this proposal is greatly appreciated. The Scope of Work in the original proposal will be applicable to this Change Order and the services will be provided under the Master Services Agreement (dated December 16, 2003) executed by the City and TRC. If you have any questions regarding this information, please feel free to contact this office.

Sincerely,

H. Craig Bell, P.E.  
Austin CES Practice Leader

City of Seguin

4/4/18

Date

Date

**CITY OF SEGUIN**  
**CAVCO SEWER MAIN REPLACEMENT PROJECT**  
**ENGINEERING SERVICES CHANGE ORDER NO. 1**  
**PRELIMINARY SCOPE OF WORK**  
**(04/04/2018)**

**ENVIRONMENTAL SCOPE OF WORK:**

**TASK 1: Natural Resource Services**

***Waters of the U.S. Delineation***

TRC will perform a background review of existing and available data. Following the background data review, a TRC biologist will conduct a field survey to determine the location and extent of any potential waters of the U.S., including wetlands, within the proposed project area.

***Habitat Assessment for Threatened and Endangered Species***

In accordance with USACE Section 404 permitting requirements, the Endangered Species Act of 1973, and State of Texas regulations, TRC will perform a background review of existing and available data to determine the potential for protected species to occur within the project area. Following the background data review, TRC biologists will conduct a survey concurrent with the waters of the U.S. delineation for T&E species habitat, vegetation communities, and other sensitive natural resources that may be present within or adjacent to the project area. TRC will identify predominant vegetation communities and address their abilities to provide habitat to support T&E species.

***U.S. Army Corps of Engineers Pre-Construction Notification***

Results of the natural resource investigations with recommendations will be documented in a Pre-construction Notification (PCN) for submittal to the USACE Fort Worth District Engineer. Based on a preliminary review the project, TRC anticipates that the proposed project would require a USACE Section 404 Nationwide Permit 12 Pre-construction Notification (PCN) due to the placement of the utility line in waters of the United States (Mill Creek) that exceeds 500 feet.

**Task 2: Cultural Resource Services**

TRC will perform a desktop review to identify existing conditions and identify documented cultural resources within the area of potential effect (APE) that could potentially be impacted by the proposed Project. This data will be summarized in a letter of consultation and submitted to the THC for review.

***THC Consultation***

TRC will perform an archeological site file search to compile current information on recorded cultural resources that are situated within a 1-mile radius of the APE. The results of this site file search will be compiled in a letter of consultation for submission to THC. If THC determines that an archeological survey of the Project Area is required, then TRC will prepare a separate proposal.

