

CONTRACT AMENDMENT NO. 1
TO
WILLIAMSON COUNTY CONTRACT FOR
ENGINEERING SERVICES

PROJECT: River Ranch Park Phase I Improvements

This Contract Amendment No. 1 to Williamson County Contract for Engineering Services is by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Raba Kistner Consultants, Inc. (the "Engineer") and becomes effective as of the date of the last party's execution below.

WHEREAS, the County and the Engineer executed the Williamson County Contract for Engineering Services dated effective December 1, 2016 (the "Contract");

WHEREAS, pursuant to Article 14 of the Contract, the terms of the Contract may be modified by a written fully executed Contract Amendment;

WHEREAS, the "Compensation Cap" under Article 5 of the Contract limits the maximum amount payable under the Contract to \$16,681.60 and there is a need to increase the Compensation Cap to \$19,144.31 to fund Additional Engineering Services; and,

WHEREAS, Article 12 of the Contract provides that County and Engineer may add Additional Engineering Services pursuant to a written contract amendment; and,

WHEREAS, it has become necessary to amend the Contract.

AGREEMENT

NOW, THEREFORE, premises considered, the County and the Engineer agree that the Contract is amended as follows:

I. Compensation Cap

The Compensation Cap under Article 5 of the Contract is hereby increased from \$16,681.60 to \$19,144.31.

II. Scope of Additional Engineering Services

ENGINEER hereby agrees to provide the following Additional Engineering Services (the "Additional Engineering Services"):

Geotechnical Engineering Services for the referenced project. The broad objectives of Engineer's study will be to determine soil conditions at the Project site and to develop foundation design recommendations for a new interpretive center at River Ranch County Park in Williamson County, Texas.

Project Description

Under consideration is a new, single story Interpretive Center facility to be located within the existing River Ranch County Park in Williamson County, Texas. Based on information provided by the structural engineer, Mr. Vic Winter, P.E., with Winter Engineering, Engineer understands shallow foundations are preferred provided expansive soil-related movements do not pose a concern. Engineer also understands building pad preparation for the proposed 5,500 square foot building should result in a potential vertical rise (PVR) of 1 inch or less.

Field Study

To explore subsurface conditions in the vicinity of the new Interpretive Center, Engineer will perform one (1) soil boring to a depth of 15 ft below the existing ground surface. Samples will be taken using conventional split-spoon, Shelby-tube and/or NX rock core sampling techniques. The boring will be located in the field utilizing a recreation grade hand-held GPS device and/or tape and right- angle measurements from existing benchmarks. Engineer's scope of Additional Engineering Services does not include surveying in the boring location.

Upon completion of drilling, the boring will be backfilled utilizing auger cuttings and bentonite hole plug.

Deliverables

The field and laboratory phases of the study will be reviewed by Engineer's staff of engineers and geologists. The results of Engineer's review, together with the supporting field and laboratory data, will be presented in a written engineering letter with attachments to include the following:

- Boring Location Map;
- Log of Boring;
- Estimated PVR;
- Required building pad preparation to reduce RVR to 1 in.; and
- Shallow foundation recommendations.

Since site grading plans can result in changes in the foundation subgrade conditions, final site grading plans will be helpful information in the preparation of engineering recommendations. In the absence of site grading information, Engineer will prepare recommendations based on the existing topography.

The final letter will be reproduced in an electronic PDF will be delivered via email.

III. Additional Engineering Services Fee

The Additional Engineering Services shall be performed for lump sum fee of \$2,462.71.

IV. Schedule

Engineer will begin the field exploration phase of the Additional Engineering Services within 4 working days of receiving County's written authorization to proceed. The field exploration and laboratory testing phase of the Additional Engineering Services is expected to take approximately 1-1/2 weeks to complete. Engineering analyses and preparation of the engineering letter is expected to take an additional 2 weeks to complete. Engineer will provide the design team with verbal design information as the data becomes available.

V. Terms of Contract Control and Extent of Contract Amendment No. 1

All Additional Engineering Services described herein will be performed in accordance with the terms and conditions of the Contract. All other terms of the Contract and any prior amendments thereto which have not been specifically amended herein shall remain the same and shall continue in full force and effect.

IN WITNESS WHEREOF, the County and the Engineer have executed this Contract Amendment, in duplicate, to be effective as of the date of the last party's execution below.

ENGINEER:

Raba Kistner Consultants, Inc.

By: *Daniel Ornelas*
Signature

Gabriel Ornelas, Jr
Printed Name

Senior Vice President
Title

April 4th, 20*18*
Date

COUNTY:

Williamson County, Texas

By: _____
Dan A. Gattis, County Judge

_____, 20____
Date