

## **WORK AUTHORIZATION NO. 1**

### **PROJECT: Construction Materials Testing and Inspection for the Williamson County Regional Animal Shelter Project (aka Project No 16042)**

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated January 9, 2018 and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Kleinfelder, Inc. (the "Engineer").

Part 1. The Engineer will provide the following Engineering Services set forth in Attachment "B" of this Work Authorization.

Part 2. The maximum amount payable for services under this Work Authorization without modification is \$28,500.00.

Part 3. Payment to the Engineer for the services established under this Work Authorization shall be made in accordance with the Contract.

Part 4. This Work Authorization shall become effective on the date of final acceptance and full execution of the parties hereto and shall terminate on April 30, 2019. The Engineering Services set forth in Attachment "B" of this Work Authorization shall be fully completed on or before said date unless extended by a Supplemental Work Authorization.

Part 5. This Work Authorization does not waive the parties' responsibilities and obligations provided under the Contract.

Part 6. County believes it has sufficient funds currently available and authorized for expenditure to finance the costs of this Work Authorization. Engineer understands and agrees that County's payment of amounts under this Work Authorization is contingent on the County receiving appropriations or other expenditure authority sufficient to allow the County, in the exercise of reasonable administrative discretion, to continue to make payments under this Contract. It is further understood and agreed by Engineer that County shall have the right to terminate this Contract at the end of any County fiscal year if the governing body of County does not appropriate sufficient funds as determined by County's budget for the fiscal year in question. County may effect such termination by giving written notice of termination to Engineer.

Part 7. This Work Authorization is hereby accepted and acknowledged below.

EXECUTED this 25<sup>th</sup> day of January, 2018.

ENGINEER:

Kleinfelder, Inc.

By: 

Signature

ANTHONY V. SORACE

Printed Name

PROJECT MANAGER

Title

COUNTY:

Williamson County, Texas

By: 

Signature

Dan A. Gattis

Printed Name

Williamson County Judge

Title

## LIST OF ATTACHMENTS

Attachment A - Services to be Provided by County

Attachment B - Services to be Provided by Engineer

Attachment C - Work Schedule

Attachment D - Fee Schedule

Attachment A – Services to be Provided by County

Williamson County will provide a Project Manager and any requested data that is in the County's control.

## **Attachment B**

### **ENGINEERING SERVICES**

Summary of Scope of Services: ENGINEER is to perform construction materials testing and inspection of the Project which includes the following:

- Subgrade laboratory testing and field density testing for proposed 2-story kennel building.
- Building pad laboratory testing and density testing for fill of proposed 2-story kennel building.
- Foundation installation for the new 2-story kennel building including drilled pier observation and concrete sampling.
- Placement observations of reinforcing steel in structural concrete for the proposed 2-story kennel building.
- Structural concrete field sampling and testing for the proposed 2-story kennel building.
- Placement observations of reinforcing steel in structural concrete for the proposed retaining wall.
- Structural concrete field sampling and testing for the proposed retaining wall.
- Laboratory compression testing of concrete specimens.
- Structural steel observations for columns, beams, joists, and metal decking.

**Attachment C – Work Schedule**

Kleinfelder, Inc. shall provide a work schedule for the assigned tasks. Work shall begin immediately upon receipt of agreement between County and Kleinfelder, Inc. on the work schedule and authorization to proceed on assigned services.

## Attachment D

### RATE SCHEDULE

WILLIAMSON COUNTY FACILITIES WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER - GEORGETOWN, TX CONSTRUCTION MATERIALS ENGINEERING & TESTING SERVICES PROJECT ESTIMATE & SCHEDULE OF FEES					
DESCRIPTION OF SERVICES	INCHES	QUANTITY	UNIT	UNIT PRICE	TOTAL
<b>A. SOILS SERVICES (EARTHWORK TESTING)</b>					
Soils Services - Field Testing					
Field Technician		66	hours	\$58.00	\$3,828.00
Density Gauge (Field Density Testing)		11	trip	\$25.00	\$275.00
Technician - Sample Pick Up		12	hours	\$58.00	\$696.00
Vehicle Charge		15	trip	\$40.00	\$600.00
Soils Services - Laboratory Testing					
Sieve Analysis, #200 Wash	ASTM D-1140	4	each	\$85.00	\$340.00
Moisture-Density Relationship	TxDOT 114E/1	4	each	\$275.00	\$1,100.00
Atterberg Limit Test (PI Test)	ASTM D-4318	4	each	\$115.00	\$460.00
				<b>Subtotal:</b>	<b>\$7,299.00</b>
<b>B. Drilled Pier Observation</b>					
Staff Professional		40	hours	\$111.00	\$4,440.00
Staff Professional - Overtime		15	hours	\$111.00	\$1,665.00
Technician - Sample Pick Up		9	hours	\$58.00	\$522.00
Concrete Equipment		6	trip	\$7.00	\$42.00
Vehicle Charge		9	trip	\$40.00	\$360.00
Concrete Services - Laboratory Testing					
Concrete Cylinders - Compressive Strength	ASTM C-39	100	each	\$31.00	\$3,100.00
				<b>Subtotal:</b>	<b>\$10,129.00</b>
<b>C. REINFORCING STEEL &amp; CONCRETE SERVICES</b>					
Reinforcing Steel Services - Field Observation					
Field Technician		32	hours	\$58.00	\$1,856.00
Vehicle Charge		5	trip	\$40.00	\$200.00
Concrete Services - Field Observation & Testing					
Field Technician		32	hours	\$58.00	\$1,856.00
Concrete Equipment		4	trip	\$7.00	\$28.00
Technician - Sample Pick Up		15	hours	\$58.00	\$870.00
Vehicle Charge		9	trip	\$40.00	\$360.00
Concrete Services - Laboratory Testing					
Concrete Cylinders - Compressive Strength	ASTM C-39	48	each	\$31.00	\$1,488.00
				<b>Subtotal:</b>	<b>\$5,658.00</b>
<b>D. STRUCTURAL STEEL SERVICES</b>					
CWI, Technician		50	hours	\$115.00	\$5,750.00
UT Testing Equipment			day	\$120.00	
Vehicle Charge		10	trip	\$40.00	\$400.00
				<b>Subtotal:</b>	<b>\$6,150.00</b>
<b>E. PROJECT MANAGEMENT &amp; ADMINISTRATION</b>					
Project Manager		8	hours	\$141.00	\$1,128.00
Assistant Project Manager		4	hours	\$98.00	\$392.00
Project Coordinator, Dispatcher		4	hours	\$98.00	\$392.00
Administration		16	hours	\$65.00	\$1,040.00
				<b>Subtotal:</b>	<b>\$2,952.00</b>

**CPI Rate Adjustments:** Rates will remain firm for the initial first year of the Contract and such rates shall be deemed the "Initial Base Rates". Engineer must request rate adjustments, in writing, at least thirty (30) days prior to each annual anniversary date of the Contract and any rate changes will take effect on the first day following the prior year. If Engineer fails to request a CPI rate

adjustment, as set forth herein, the adjustment will be effective thirty (30) days after the County receives Engineer's written request. No retroactive rate adjustments will be allowed.

Price adjustments will be made in accordance with changes in the U.S. Department of Labor Consumer Price Index (CPI-U) for All Urban Consumers, All Items, South Region (Base 1982-84 = 100).

The rate adjustment will be determined by multiplying the Initial Base Rates by a fraction, the numerator of which is the index number for most recently released index before each annual anniversary date of the Contract and the denominator of which is the index number for the first month of the Contract (the index number for the month in which the Contract was originally executed). If the products are greater than the Initial Base Rates, County will pay the greater amounts as the rates during the successive year until the next rate adjustment. Rates for each successive year will never be less than the Initial Base Rates.