

## WORK AUTHORIZATION NO. 4

### PROJECT: JP 4 Repairs and Modifications (P431)

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated **January 30<sup>th</sup>, 2019** and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and **Reliance Architecture, LLC.** (the "A/E").

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 **\$46,850.00**

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 **September 30<sup>th</sup>, 2020**. 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 \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

A/E:

Reliance Architecture, LLC

COUNTY:

Williamson County, Texas

By:  \_\_\_\_\_  
Signature

By: \_\_\_\_\_  
Signature

Antonio Naylor, AIA ALEP  
Printed Name

\_\_\_\_\_  
Printed Name

President/Principal Architect  
Title

\_\_\_\_\_  
Title

## LIST OF ATTACHMENTS

Attachment A - Services to be Provided by County

Attachment B - Services to be Provided by Engineer

Attachment C - Fee Schedule

Attachment D - Work Schedule

## **Attachment A - Services to be Provided by County**

Services to be provided by the County are outlined in the Work Authorization. These requirements may include all phases of work from preliminary design through building completion.

## **Attachment B - Services to be Provided by Engineer**

### **Scope of Services**

Reliance Architecture's proposes the following services: Pre-Design Investigation & Assessment with Recommendations and Budgets; Remediation Design & Documentation, Bidding and Construction Phase Services. These are described in detail below under Project Scope and Architectural Services.

### **Project Scope and Architectural Services**

Reliance Architecture understands Williamson County has an ongoing issue with the foundation at the Justice of the Peace, Precinct 4 in Taylor, Texas. The history of the foundation and record documents were provided by Williamson County in two email dated May 1, 2020. Our team will perform a forensic investigation to determine the current condition and underlying issues with the foundation. The investigation will require us to use specialized equipment to analyze the building pad and existing piers. A total of (4) sample bores will be taken to a maximum total length of 104 linear feet and laboratory tested. Pile Integrity Testing (PIT) will be done on the existing drilled piers to determine possible deficiencies. Additional analysis may be required depending on the anomalies that are identified by the PIT. Field observation and reports shall be provided on the foundation condition including condition of voids beneath grade beams. An elevation survey will be conducted by Structural Engineer. The engineer shall conduct up to two site visits and work directly with Geotech Engineer to provide a summary report with recommendations. Budgets and remediation options will be a part of the summary report. Upon approval of an option we shall produce contract documents for permitting, bidding, and performing construction phase services to implement the remediation of the foundation.

The foundation investigation will require partial removal and patching of the existing concrete flatwork adjacent to the building around existing pier construction. This work will need to be performed by others as part of the field investigation directed by the Reliance team.

We propose providing Architectural Services with Structural and Geotechnical Engineering as described above. We have provided fees based on Pre-Design Investigation and a fee for Design, Documentation and Construction Services per the approved remediation option. We expect from initiation of work authorization to complete Pre-Design services in 6 to 8 weeks and Design and Documentation in 3 to 4 weeks. Any additional hours required to complete services shall be sent in writing for approval prior to executing that work.

## Attachment C - Fee Schedule

### Fee Proposal

#### Phase 1 – Pre-Design Investigation & Assessment (Remediation Options w/ Budgets)

We propose providing our services, as described above, for a flat fee as follows:

- (2) Exterior Borings \$1,800
- (2) Interior Borings \$2,425
- Pier Integrity Testing \$7,310
- Lab Testing \$3,145
- Geotechnical Engineering Services \$4,000
- Structural Site Observation and Documentation \$4,000
- Elevation Survey \$1,500
- Structural Engineering Services \$4,950
- Structural Summary Report (Exhibits) \$1,500
- Architectural Services (20 hours @ \$165/hr) \$3,300
- TOTAL \$33,930

#### Phase 2 – Remediation Design, Documentation and Construction Services - Phase 2 commences only if approved after completion of Phase 1.

We propose providing our services, as described above, for a flat fee as follows:

- Architectural Design and Documentation (16 hours @ \$165/hr) \$2,640
- Structural Design and Documentation \$4,000
- Permitting & Bidding (16 hours @ \$165/hr) \$2,640
- Architectural Construction Services (16 hours @ \$165/hr) \$2,640
- Structural Construction Services \$1,000
- TOTAL \$12,920

## **Attachment D - Work Schedule**

A work schedule will be determined in the course of the project when sufficient information is available.