

**HIDALGO COUNTY**  
**Professional Structural Consultant Services**  
**Contract # C-20-187-06-16 "Remodel and Repair of Modular Building"**  
**Work Authorization Form**

**WORK AUTHORIZATION NO. 1**

**THIS WORK AUTHORIZATION** is made pursuant to the terms and conditions of Article 7 of the Agreement made by and between **HIDALGO COUNTY**, action herein by and through the Commissioner's Court, hereinafter called the "**Owner**," and, **Chanin Engineering, LLC**, professional engineer of McAllen, Texas, hereinafter called "**Structural Engineer**".

**PART 1. SCOPE OF WORK**

The purpose of this Work Authorization is for the Structural Engineer to provide professional structural engineering services required for the Analysis, Design, Construction Documents and Construction Phase Services of the **Hidalgo County Health Department Remodel and Repair of Modular Building Project** for **Hidalgo County** hereinafter referred to as the "**Project**".

The scope of services to be provided by the **Owner** is identified in **EXHIBIT "A" – Scope of Services to be provided by the Owner** attached hereto.

The scope of services to be provided by the **Structural Engineer** is identified in **EXHIBIT "B" – Scope of Services to be provided by the Engineer** attached hereto.

**PART 2. ESTIMATED COST**

The estimated cost for services under this Work Authorization is **\$7,500.00**. This amount is based upon the costs outlined in the Estimated **Cost Proposal** attached hereto as **EXHIBIT "D" Fee Breakdown**.

**PART 3. PAYMENT**

Compensation and payment to the Structural Engineer for the services established under this Work Authorization shall be made in accordance with **Article 6** of the Agreement.

**PART 4. FUNDING**

This Work Authorization No.1 shall be funded through funding source:

Account No. \_\_\_\_\_

Requisition Number \_\_\_\_\_ (MUST BE INCLUDED AFTER CC APPROVAL)

**PART 5. PERIOD OF SERVICE**

This Work Authorization shall become effective on the date of final acceptance of the parties hereto and terminate upon completion of scopes of the work authorization.

**PART 6. RESPONSIBILITIES AND OBLIGATIONS**

This Authorization does not waive the parties' responsibilities and obligations provided under the Agreement.

**PART 7. ACKNOWLEDGMENT AND CONFIRMATION**

Acknowledgement and confirmation by Hidalgo County, Judge Richard F. Cortez as to content and detail of this Work Authorization No. 1.

**HIDALGO COUNTY  
JUDGE**

**BY:** \_\_\_\_\_

**PART 8. ACCEPTANCE AND APPROVAL**

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on \_\_\_\_\_ as indicated below.

**THE STRUCTURAL ENGINEER:  
CHANIN ENGINEERING, LLC**

  
\_\_\_\_\_

**BY: Miguel Chanin, PE -Principal in Charge**

**THE OWNER:  
HIDALGO COUNTY**

\_\_\_\_\_  
**By: Richard F. Cortez, County Judge**

**ATTEST:**

\_\_\_\_\_

**LIST OF ATTACHMENTS**

- Exhibit A-Services to be provided by the Owner
- Exhibit B-Services to be provided by the Engineer
- Exhibit C-Work Schedule
- Exhibit D-Fee Breakdown

## EXHIBIT A

### Scope of Services to be Provided by the Owner

- The owner will provide access to the site as requested by the design team.
- Owner will provide access to any available construction drawings or documents pertaining to the site in question.

## **EXHIBIT B**

### **Scope of Services to be Provided by the Engineer**

#### **Project Understanding:**

- We understand the facility is an existing building at the Hidalgo County Health Department Site located at 1304 S. 25<sup>th</sup> Ave., Edinburg, Texas.
- We understand the county would like to set up (2) temporary facilities at the referenced location.
- We understand the buildings will also house a testing site where specimen collection and rapid testing could be conducted.
- We further understand that the “Site Improvements” required from us are the preparation of the location where the temporary buildings will be placed. Utility services (water, electricity and data communications) need to be extended to service those facilities as well as grading the area to provide a smooth and level surface for the building placement. It will also provide for a “caliche” parking area for staff to park their vehicles. We will provide engineering consulting services in relation to these items.

We understand our scope at this time will be to preform structural design services for the remodel and renovation of the existing structure. Our scope will include the following:

#### **Phase 1- Kickoff and Mobilization**

#### **Phase 2 – Analysis and Design**

#### **Phase 3 – Construction Documents Phase**

#### **Phase 4 – Construction Phase Services**

#### **Deliverables will include:**

1. Site Improvement Plan
2. Grading Plan
3. Utility Layout Plan
4. Technical Specifications

**\*Excludes any MEP engineering consulting services**

**EXHIBIT C**  
**Work Schedule**

**Phase 1- Kickoff and Mobilization**

**Phase 2 – Analysis and Design**

**Phase 3 – Construction Documents Phase**

**Phase 4 – Construction Phase Services**

The work schedule and project timeline will be discussed with the County and mutually agreed upon when commencing work.

## EXHIBIT D

### Fee Breakdown/ Engineer's Contract Rates

For the scope of work as described above we propose the following fee. Significant changes to the described scope of work or project costs, may result in a change of fee.

Analysis and Design	\$2,250.00
Construction Documents Phase	\$3,750.00
Construction Phase Services	\$1,500.00
<b>Fixed Fee:</b>	<b>\$7,500.00</b>

\* Fee excludes any MEP engineering consulting services

<u>Engineering:</u>	<u>Hourly rate</u>
E-1 Engineer In Training 1	\$ 75.00
E-2 Engineer In Training 2	\$ 85.00
E-3 Project Engineer 1 *	\$125.00
E-4 Project Engineer 2 *	\$135.00
E-5 Principal Engineer *	\$145.00

<u>Technicians:</u>	
T-1 Technician I	\$ 65.00
T-2 Technician II	\$ 75.00
T-3 Technician III	\$ 85.00

<u>Computer Aided Drafting:</u>	
C-1 CAD I	\$ 45.00
C-2 CAD II	\$ 55.00
C-3 CAD III	\$ 65.00

<u>Administrative:</u>	
A-1 Clerical	\$ 30.00
A-2 Accounts Payable/Billable	\$ 35.00
A-3 Office Manager/Executive Assistant	\$ 45.00

\* Licensed professional engineer, unless noted otherwise.

The Basic Service fee shall be billed by monthly invoice based on project progress.

## ENGINEERING AND TECHNICAL CLASSIFICATIONS

### ENGINEERING:

- E-1 Engineer in Training I - Graduate Engineer with 0-3 years experience, work under close supervision.
- E-2 Engineer in Training 2 - Graduate Engineer with 2-plus years experience, capable of carrying out assignments with minimum supervision, supervise drafting and layout work.
- E-3 Project Engineer 1 - Registered Engineer with 4-plus years experience, can handle moderately complex tasks with minimal supervision, supervise the work of other engineers and drafters.
- E-4 Project Engineer 2 - Registered Engineer with 6-plus years experience, can handle complex tasks with only general supervision, coordinates and supervises work of other engineers and drafters.
- E-5 Principal Engineer - Registered Engineer and possibly company officer, completely capable of handling and supervising all aspects of design and drawing production.

### TECHNICIANS:

- T-1 Technician I - 5-plus years experience and/or education, capable of handling all drafting functions and simple engineering design and calculation tasks with some supervision.
- T-2 Technician II - 7-plus years experience and/or education, capable of handling all drafting functions with minimal supervision, can supervise the work of drafters.
- T-3 Technician III - 10-plus years experience and/or education, capable of handling all drafting add many engineering related tasks with little supervision, can supervise the work of drafters and technicians.

### COMPUTER AIDED DRAFTING:

- C-1 Junior Drafter I - Capable of drawing tasks and tracing-type work, under close supervision of others.
- C-2 Drafter II - 2-plus years experience and/or education, handles many drafting tasks under supervision.
- C-3 Senior Drafter III - 3-plus years experience and/or education, handles most drafting tasks while exercising judgment on layout and planning, receives minimal supervision.

## REIMBURSABLE EXPENSES

Reimbursable expenses are in addition to compensation for Basic and any Additional Services. These expenses include actual expenditures incurred in the interest of the Project for the expenses listed below:

- a) Expenses due to any asbestos remediation necessary or incurred from destructive testing performed during the Project.
- b) Expense of reproduction, postage, delivery, handling of drawings, photos, specifications, and other documentation.
- c) Expense of overtime work requiring higher than regular rates, if authorized in advance by the Owner will be charged at 1.5 times of hourly rates listed above.
- d) Expense of materials for structural sketches, models, mock-ups, binders, exhibit boards and other miscellaneous exhibits requested by the client.
- e) Expense of additional insurance coverage or limits including Professional Liability Insurance, requested by the Owner in excess of that normally carried by Chanin Engineering, LLC.
- f) Reimbursable expenses will be billed at actual cost X 1.1.