

**HIDALGO COUNTY  
Professional Engineering Services  
Agreement #C-19-251-07-16**

**WORK AUTHORIZATION NO. 4**

**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, **B2Z Engineering** professional engineers of Mission, Texas, hereinafter called "**Engineer**".

**PART 1. SCOPE OF WORK**

The purpose of this Work Authorization is for the **Engineer** to provide preliminary design values and construction management services for the Emergency Management Warehouse located in Precinct No. 4.

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 **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 **\$7,259.16**. This amount is based upon the costs outlined in the Estimated **Cost Proposal** attached hereto as **EXHIBIT "D"**.

**PART 3. PAYMENT**

Compensation and payment to the Engineer for the services established under this Work Authorization shall be made in accordance with Article 5 and 6 of the Agreement.

**PART 4. FUNDING**

This Work Authorization No. 4 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. ACKNOWLEDGEMENT AND CONFIRMATION**

Acknowledgement and Confirmation by Hidalgo County Precinct No.4, Commissioner, Ellie Torres, as to content and detail of this **Work Authorization No. 4**.

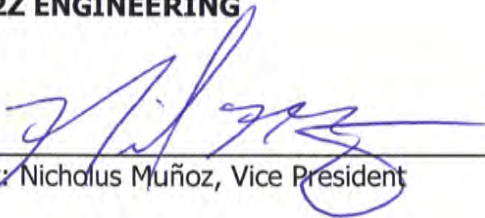
**HIDALGO COUNTY  
COMMISSIONER PRECINCT No. 4:**

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

**PART 8. ACCEPTANCE AND APPROVAL**

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on \_\_\_\_\_ as indicated below and effective as of \_\_\_\_\_ day of \_\_\_\_\_, 2020.

**THE ENGINEER:  
B2Z ENGINEERING**

  
\_\_\_\_\_  
By: Nicholas Muñoz, Vice President

**THE OWNER:  
HIDALGO COUNTY**

\_\_\_\_\_  
By: Richard Cortez, County Judge

**ATTEST:**

\_\_\_\_\_  
By: Arturo Guajardo Jr., County Clerk

# EXHIBIT A

## -Scope of Services to be provided by the Owner

The following provides an outline of the services to be provided by the OWNER in the development of the Project.

The OWNER will provide to the ENGINEER the following:

- (1) Authorization to the ENGINEER to begin work in accordance with Section 3 of this Agreement.
- (2) Payment for work performed by the ENGINEER and accepted by the OWNER in accordance with Section 6 of the Agreement.
- (3) Assistance to the ENGINEER, as necessary, to obtain the required data and information from other local, regional, State and Federal agencies that the ENGINEER cannot easily obtain.
- (4) Provide any available relevant data the OWNER may have on file concerning the project.
- (5) Provide timely review and decisions in response to the ENGINEER'S request for information and/or required submittals and deliverables, in order for the ENGINEER to maintain the agreed-upon work schedule prepared in accordance with Attachment "C" of this Agreement.
- (6) Attend and participate in progress meetings as required and as coordinated and conducted by the ENGINEER.
- (7) Assist the ENGINEER as required in the coordination with the USACE and the Federal Emergency Management Agency (FEMA) and any other coordinating agency or entity *(when and if applicable)*.
- (8) Review and approve the Project design criteria.
- (9) Review and approve change orders as required and prepared by the ENGINEER.

# EXHIBIT B

## Scope of Services to be provided by the Engineer

### **SECTION I - PROJECT DESCRIPTION**

The services designated herein as “Services provided by the ENGINEER” shall include the performance of all engineering services for the following described facility:

COUNTY/CITY: HIDALGO COUNTY PRECINCT NO. 4

PROJECT/DESCRIPTION: WA#4 – Emergency Management Warehouse  
On-Call Contract #C-19-251-07-16

ENGINEER shall mean B2Z Engineering.

COUNTY shall mean Hidalgo County.

# EXHIBIT B

## Scope of Services to be provided by the Engineer

**Preliminary Design Values** - *The ENGINEER will work with the Owner to establish basic design concepts, project controls and general scope of the Project.*

1. Review of existing project materials and internal team project briefing. This would include, but not limited to site plans, budgets, preliminary sketches, surveys, etc.
2. Oversight of Sub-Consultant developing structural engineering construction documents.

**Meetings, Coordination & Support for Project Development** - *The ENGINEER shall provide coordination services and shall assist in meetings and workshops with the Hidalgo County Facilities Management, the structural engineer, and all other project stakeholders. The ENGINEER shall serve as representative for the Owner in coordination items. The ENGINEER shall coordinate with the Owner's staff on all Project related items.*

1. Meetings & Coordination as-needed Project Team.



**EXHIBIT D  
FEE PROPOSAL**

**Hidalgo County  
WA#4 - Emergency Management Stockpile Warehouse Ramp Project  
Engineering & Construction Inspection Proposal**

<i>WA#4 - Emergency Management Stockpile Warehouse Ramp Project</i>		Senior Construction Inspector	Admin/ Clerical	Total Hours	Total Line Item Cost		
<b>TASKS</b>							
	<b>1.0</b>	<b>Preliminary Design Values (Sub-Consultant Management)</b>		4	2	6	\$617.52
	1.1	SUB: Chanin Engineering - Assessment and Recommendation		(See Exhibit D Pg. 2)			\$3,500.00
	<b>2.0</b>	<b>Construction Inspection</b>		18	10	28	\$2,845.96
<b>Labor Hours</b>		<b>22</b>	<b>12</b>	<b>34</b>			
Hourly Base Rates		\$ 38.00	\$ 20.00				
Contract Rate FY2020		\$ 120.82	\$ 67.12				
<b>Total Labor Costs</b>		<b>\$ 2,658.04</b>	<b>\$ 805.44</b>	<b>68</b>			<b>\$6,963.48</b>

<b>Direct Expenses</b>	Mileage: (\$0.56/mile x 44 miles roundtrip x 12 trips)	<i>Total Direct Expenses</i>	<b>\$ 295.68</b>
------------------------	--	------------------------------	------------------

**B2Z Engineering Total Cost**

**\$7,259.16**



400 Nolana, Suite H2  
McAllen, Texas 78504  
T: (956) 687-9421 | F: (956) 687-3211  
ChaninEngineering.com  
TBPE Firm Registration No. F-9369

## SERVICE CONTRACT

December 3, 2020

Attn: David Rivera  
Senior Construction Inspector  
B2Z Engineering  
900 S. Stewart Rd Ste. 2  
Mission, TX. 78572  
956) 585-3773  
[DavidR@b2zeng.com](mailto:DavidR@b2zeng.com)

**Re: Emergency Management Warehouse, Ramp Construction  
7517 N. US Highway 281, Edinburg, Texas  
CE: Project No. 20-292**

Dear David Rivera:

Chanin Engineering, LLC appreciates the opportunity to submit this proposal for professional services as they relate to the proposed project.

### **SCOPE OF SERVICES**

Our scope of work and project understanding, as determined by reviewing the e-mail correspondence sent on December 2, 2020, is described below:

- Extend Existing Dock by 30'0 to the west.
- Build new ramp – South side 20' from building.
- Maximum 5 business days for deliverables from receiving an approved contract and existing files.

### **DELIVERABLES**

1. General Notes
2. Typical Details
3. Foundation Design
4. Ramp Design
5. Ramp Details
6. Structural Specifications
7. Construction Phase Services

**PROFESSIONAL SERVICES FEE**

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

**Total Structural Design Fee: \$3,500**

\*Fee valid for 30 days from date on your proposal.

Our proposal is based on the following assumptions and exclusions:

- **Owner to provide existing drawings**
- Engineering fees included in this proposal only apply to items specifically listed in this proposal. No additional items are assumed or included unless requested in writing prior to signing the Professional Services Agreement. Engineering fees for additional work are not included in this proposal.

**FEE SCHEDULE**

Invoices for progress payments of the basic fee will be billed each month for services performed during the prior month on a percentage of completion basis in accordance with the following schedule:

Construction Documents: 100%

Additional services required by the Client that may arise and are not outlined above shall be compensated on an hourly basis per work authorization by Client.

Authorized additional services will be billed at the following hourly rates:

Principal	\$145.00/HR
PE	\$135.00/HR
Project Engineer	\$125.00/HR
Construction Project Manager	\$85.00/HR
CAD Technician	\$65.00/HR
Administrative	\$40.00/HR

Provided this Scope of Services and basis of compensation is acceptable to you, please sign at the bottom and return a copy to our office.

We appreciate the opportunity to work with you on this project. Please do not hesitate to contact our office should you have any questions.



---

Miguel Chanin, PE  
President

12/3/20  
Date

**Client Approval:**

---

Signature

Date

---

Print Name