



**HIDALGO COUNTY
ON-CALL PROFESSIONAL ENGINEERING SERVICES FOR
GEOTECHNICAL AND CONSTRUCTION MATERIAL TESTING
AGREEMENT C-22-0728-01-01
WORK AUTHORIZATION NO. 1**

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of the Professional Engineering Services Agreement No. C-22-0728-01-01, incorporated herein by reference, for the “Hidalgo County Elections Building Construction Materials Testing Services” made by and between HIDALGO COUNTY, action herein by and through the Commissioner’s Court, hereinafter called the “**Owner**,” and B2Z Engineering, LLC, hereinafter called “**Engineer**”.

PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the **Engineer** to provide Construction Materials Testing Services.

The **Engineer** is to provide the scope of Services as required by the Agreement with Owner.

The scope of services to be provided by the **Engineer** is identified in **Attachment “A”** – “*Scope of Services to be provided by Engineer*” attached hereto and incorporated by reference.

PART 2. ESTIMATED COST

The estimated cost for services under this Work Authorization is **\$ 22,096.78**. This amount is based upon the costs outlined in the **Attachment “B”** – “*Fee Proposal*” attached hereto and incorporated by reference.

PART 3. PAYMENT

Compensation and payment to the Engineer for the services established under this Work Authorization shall be made in accordance with the **Professional Engineering Services Agreement No. C-22-0728-01-01** between the **Owner** and the **Engineer**.

PART 4. FUNDING

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

Account No. 3-1100-414-00-130-030-1-740

Requisition Number 00468356 **(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 the scopes of the Work Authorization, within the limits of Agreement No. C-22-0728-01-01, provided in this Work Authorization; or on** (DATE). *If applicable:* Engineer shall conform to the approved “Work/Project Schedule”, attached hereto and incorporated by reference herein as **Attachment “C”**.

PART 6. RESPONSIBILITIES AND OBLIGATIONS

This Authorization does not waive the parties' responsibilities and obligations provided under the **Agreement No. C-22-0728-01-01.**

PART 7. ACKNOWLEDGEMENT AND CONFIRMATION

Acknowledgement and confirmation by **Hidalgo County Precinct 4, Commissioner Ellie Torres**, as to content and detail of this **Work Authorization No. 1.**

HIDALGO COUNTY PRECINCT No. 4

By: Ellie Torres
Ellie Torres (Feb 12, 2023 22:20 CST)
Ellie Torres, Commissioner

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on February 7, 2023 as indicated below and effective.

EXECUTED as of the day and year first written above.

APPROVED BY COMMISSIONERS' COURT ON FEBRUARY 7, 2023.

Agenda Item No. 89522

Executive Office: ms

ENGINEER:
B2Z Engineering, LLC

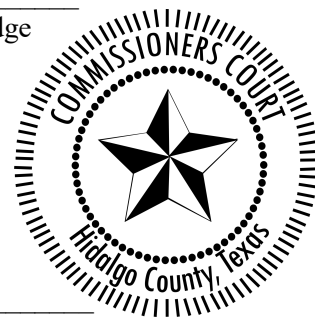
COUNTY:
COUNTY OF HIDALGO

Aisha Gonzalez
Aisha Gonzalez, President

Richard F. Cortez
Hon. Richard F. Cortez, County Judge

ATTEST:

Arturo Guajardo, Jr.
Arturo Guajardo, Jr., County Clerk



LIST OF ATTACHMENTS:

- Attachment "A"** – *Scope of Services to be provided by Engineer*
- Attachment "B"** – *Fee Proposal*
- Attachment "C"** – *Approved Work/Project Schedule (If applicable)*



ATTACHMENT A

**PROJECT SPECIFIC SCOPE OF SERVICES
TO BE PROVIDED BY ENGINEER**

February 3, 2023

Ms. Jireh Lira Cabello
Hidalgo County Purchasing Department
Contract Specialist III
100 North Closner
Edinburg, Texas 78539

Reference: Hidalgo County - Elections Building ~ CMT Proposal

Dear Ms. Cabello:

B2Z Engineering, LLC. appreciates the opportunity to submit the budget estimate to provide materials testing services in response to your Request for Proposal issued January 30, 2023. Based on the information furnished to us, we estimate a budget of \$22,096.78. Any additional services requested and not part of this estimate will be charged in accordance with B2Z's fee schedule. A worksheet with the breakdown of quantities is included with this proposal for your convenience.

We look forward to working with you. If you have any questions, please contact us at your convenience.

Sincerely,
B2Z Engineering, LLC.



Hector Cantu
Corporate Laboratory Manager

Attachments: Cost Estimate



ATTACHMENT B

FEE PROPOSAL

Exhibit D

**Hidalgo County Elections Building
Construction Materials Testing Services
Fee Schedule**

Service Earthwork:	UNIT RATE		QUANTITY		TOTAL
Moisture-Density Relationship (Proctor)	\$225.00	ea	2	\$	450.00
Atterberg Limits Determinations (P.I.) (ASTM/AASHTO)	\$135.00	ea	2	\$	270.00
Sieve Analysis -200	\$60.00	ea	1	\$	60.00
Sieve Analysis - Flexible Base Material	\$90.00	ea	1	\$	90.00
Technician Time Sampling	\$83.91	hr	20	\$	1,678.20
Field Density Test - Utility	\$28.00	ea	24	\$	672.00
Technician Time - Density Testing - Utility	\$83.91	hr	16	\$	1,342.56
Vehicle Travel Charge	\$0.625	miles	320	\$	200.00
Subtotal				\$	4,762.76
Concrete: Civil					
Concrete Compressive Strength Tests	\$30.00	ea	10	\$	300.00
Technician Time - Concrete Testing	\$83.91	hr	4	\$	335.64
Air Content of Concrete	\$25.00	ea	2	\$	50.00
Technician Time - Pick-Up of Specimen(s)	\$83.91	hr	2	\$	167.82
Vehicle Travel Charge	\$0.625	miles	160	\$	100.00
Subtotal				\$	953.46
Structural Steel Observation:					
Structural Steel Observation/Bolts and Weld Certified Welding Inspector	\$225.00	hr	50	\$	11,250.00
Non- Destructive Testing (Radiographic/Ultrasonic)	Cost + 15%	ea	As Requested		
Vehicle Travel Charge	\$0.625	miles	320	\$	200.00
Subtotal				\$	11,450.00
Professional Services:					
Project Manager	\$196.76	hr	7	\$	1,377.32
Project Engineer	\$130.21	hr	14	\$	1,822.94
Admin/Clerical	\$66.55	hr	26	\$	1,730.30
Subtotal				\$	4,930.56
			GRAND TOTAL	\$	22,096.78












Work Authorization No 1 to C-22-0728-01-01

Final Audit Report

















2023-02-14

Created:	2023-02-09
By:	Jireh Lira (jireh.lcabello@co.hidalgo.tx.us)
Status:	Signed
Transaction ID:	CBJCHBCAABAAVbijSDMC0c_0CQ6y2NkGPOpkTmWAWN7v

"Work Authorization No 1 to C-22-0728-01-01" History

-  Document created by Jireh Lira (jireh.lcabello@co.hidalgo.tx.us)
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-  Document emailed to Aisha Gonzalez (aisha@b2zeng.com) for signature
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-  Document e-signed by Aisha Gonzalez (aisha@b2zeng.com)
Signature Date: 2023-02-09 - 2:54:33 PM GMT - Time Source: server
-  Document emailed to ellie.torres@co.hidalgo.tx.us for signature
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-  Email viewed by ellie.torres@co.hidalgo.tx.us
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-  Signer ellie.torres@co.hidalgo.tx.us entered name at signing as Ellie Torres
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-  Document e-signed by Ellie Torres (ellie.torres@co.hidalgo.tx.us)
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-  Document emailed to Monica Salinas (monica.salinas@co.hidalgo.tx.us) for approval
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-  Email viewed by Monica Salinas (monica.salinas@co.hidalgo.tx.us)
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-  Document approved by Monica Salinas (monica.salinas@co.hidalgo.tx.us)
Approval Date: 2023-02-14 - 3:04:01 PM GMT - Time Source: server



-  Document emailed to countyjudge@co.hidalgo.tx.us for signature
2023-02-14 - 3:04:03 PM GMT
-  Email viewed by countyjudge@co.hidalgo.tx.us
2023-02-14 - 4:23:54 PM GMT
-  Signer countyjudge@co.hidalgo.tx.us entered name at signing as Richard F. Cortez
2023-02-14 - 6:34:36 PM GMT
-  Document e-signed by Richard F. Cortez (countyjudge@co.hidalgo.tx.us)
Signature Date: 2023-02-14 - 6:34:38 PM GMT - Time Source: server
-  Document emailed to carolyn.thornton@co.hidalgo.tx.us for approval
2023-02-14 - 6:34:40 PM GMT
-  Email viewed by carolyn.thornton@co.hidalgo.tx.us
2023-02-14 - 8:28:23 PM GMT
-  Signer carolyn.thornton@co.hidalgo.tx.us entered name at signing as Carolyn Thornton
2023-02-14 - 10:15:16 PM GMT
-  Document approved by Carolyn Thornton (carolyn.thornton@co.hidalgo.tx.us)
Approval Date: 2023-02-14 - 10:15:18 PM GMT - Time Source: server
-  Document emailed to arturo.guajardo@co.hidalgo.tx.us for signature
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-  Email viewed by arturo.guajardo@co.hidalgo.tx.us
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-  Signer arturo.guajardo@co.hidalgo.tx.us entered name at signing as Arturo Guajardo Jr.
2023-02-14 - 10:21:04 PM GMT
-  Document e-signed by Arturo Guajardo Jr. (arturo.guajardo@co.hidalgo.tx.us)
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-  Document emailed to Carolyn Thornton (carolyn.thornton@co.hidalgo.tx.us) for approval
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Approval Date: 2023-02-14 - 10:25:55 PM GMT - Time Source: server
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