

December 6, 2023

The Honorable Commissioner Ellie Torres

**Attn: Leticia Saenz**

Hidalgo County Precinct #4

1051 N. Doolittle Rd.

Edinburg, Texas 78542

**RE: On-Call Geo/CMT Contract (C-22-0728-01-01)  
Work Authorization No. 1 – Hidalgo County Elections Building  
PO# 860200**

Dear Commissioner Torres:

Attached for your review and approval is our invoice for services rendered under Work Authorization #1 during the month of November 2023 on the subject referenced project.

The following is attached:

- Invoice No. 40221

The following is a narrative of the progress for this period.

<b>TASK</b>	<b>% Complete</b>
<b>Construction Materials Testing (CMT)</b>	<b>40%</b>
<b>UPDATE:</b> B2Z continued to perform Concrete and Laboratory testing. Casting of concrete cylinders included Preparation / Hold / Cure and Compressive Strength testing.	

Should you have any questions regarding this submittal, please do not hesitate to call me at (956) 585-3773.

Sincerely,



David Rivera  
Project Manager  
B2Z Engineering, LLC



P.O. Box 2724  
 McAllen, Tx. 78502  
 (956) 585-3773

# Invoice

Date	Invoice #
12/6/2023	40221

Please send remittance with copy of invoice to:

Attn: Mrs. Aisha Gonzalez  
 P.O. Box 2724  
 McAllen, Tx. 78502

Bill To:  
 Hidalgo County Precinct #4  
 1051 Doolittle Rd  
 Edinburg, TX 78542

Project Info:  
 Contract # C-22-0728-01-01  
 Work Authorization #1  
 Hidalgo County Elections Building

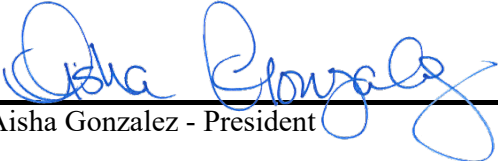
B2Z JOB: 6218  
 PO # 860200

**Billing Period**                      **November 2023**

Description	Contract	Previous Applications	Current Completed	Total Completed	% Complete
Construction Materials Testing (CMT)	\$ 22,096.78	\$ 7,733.87	\$ 1,104.84	\$ 8,838.71	40%
<b>Total For This Billing Period</b>					<b>\$1,104.84</b>

Work Authorization ~ Summary

<u>WA No.</u>	<u>WA Amount</u>	<u>Previously Inv.</u>	<u>Percent Complete</u>	<u>Remaining Balance</u>
1	\$22,096.78	\$7,733.87	40.0%	\$13,258.07

  
 Aisha Gonzalez - President

**Mission Office**

900 S Stewart Rd, Ste. 2  
Mission, TX 78572  
Phone: 956-585-3773

**Client:**

Hidalgo County Precinct No. 4  
1051 N. Doolittle Rd.  
Edinburg, TX 78542

**Project:**

6218  
Hidalgo County Elections Building  
Various  
Edinburg, TX

**Sample Details**

<b>Set #:</b>	2	<b>Technician:</b>	Luis Villarreal, Jr.	<b>Batched:</b>	10:34 CST
<b>Specimen Size:</b>	4 x 8 Cast Cylinder	<b>Cast By:</b>	Luis Villarreal, Jr.	<b>Sampled:</b>	11:10 CST
<b>Specimens In Set:</b>	5	<b>Date Cast:</b>	11/06/23	<b>Cast:</b>	11:15 CST
<b>Truck / Ticket #:</b>	180 / 454107	<b>Sampled From:</b>	Chute	<b>Truck Empty:</b>	11:45 CST
<b>Contractor:</b>	SKO Elite, LLC	<b>Placement Method:</b>	Chute	<b>Placement Time:</b>	71 (min)

**Location**

<b>Placement Location:</b>	Concrete Slab
<b>Location Details:</b>	Hvac
<b>Sample Location / Notes:</b>	East Side of Building

**Batch Log**

**Specifications**

<b>Supplier:</b>	J-III Concrete	<b>Mix Design:</b>	5SK Comm.20 w/NRCY	<b>Strength:</b>	3000 (psi)
<b>Plant:</b>	Edinburg				
<b>On-Site Admixtures:</b>	None				

**Field Measurements**

<b>Weather:</b>	Partly cloudy	<b>Slump (in):</b>	4-1/2	<b>Plastic Unit Weight:</b>	
<b>Air Temperature (F):</b>	84	<b>Concrete Temp (F):</b>	79	<b>Air Content:</b>	
				<b>Load Volume:</b>	10.00 (yd <sup>3</sup> )

**Standard Cure**

**Field Cure**

<b>Min / Max Temp (F):</b>	69/90				
<b>Initial Cure Method:</b>	Plastic Cover/Lid/Blanket				
<b>Final Cure Method:</b>	Water Storage Tank				

**Lab Test Results**

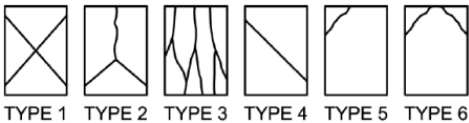
**Testing Lab:** B2Z Mission Lab, 900 S. Stewart Rd., Suite 2, Mission, TX, 78572

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in <sup>2</sup> )	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
2-1	7	11/13/23	1 / 6	4.00	12.57	40,139	3,190	2	R3	1
2-2	7	11/13/23	1 / 6	4.00	12.57	42,077	3,350	3	R3	1
2-3	28	12/04/23	1 / 27							
2-4	28	12/04/23	1 / 27							
2-5	56	01/01/24	1 / 55							

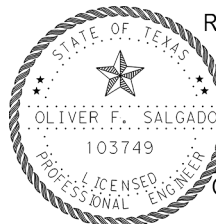
**Test Age Average Strengths (psi): 7 Day - 3270**

**Capping Methods**

<b>R3:</b> The 7 day test results meets or exceeds the 28 day specified strength.	<b>1:</b> Neoprene Pad
<b>Tested By:</b> Jorge Solis (1,2)	
<b>Checked In :</b> 11/07/2023 (1,2,3,4,5)	



*JS*



Respectfully Submitted by B2Z Engineering

*Oliver F. Salgado, P.E.*  
Oliver Salgado, P.E., Senior Project Manager