



# Purchase Order COUNTY OF HIDALGO

PO# 753883

DATE: 12/20/16

PAGE NO: 1 OF 1

PO TYPE:

VENDOR: 449121

REQ: 00310366

PHONE: (956)585-3773

Fax: (956)583-7116

EMAIL: Reza@B2ZEng.com

SHIP TO: HIDALGO CO. PCT 4

1051 N. DOOLITTLE

EDINBURG TX 78542

BADIOZZAMANI, ARON REZA

B2Z ENGINEERING, LLC

P.O. BOX 2724

MCALLEN TX 78502

CONTACT: NICK PEREZ

(956)383-3112

SITE: COMMISSIONER, PRECINCT 4

CONTRACT NO: C-16-329-09-06

SPECIAL INSTRUCTIONS: PCT#1355

### VENDOR NOTES

1. Do not add to, or alter this Purchase Order. This Order is not renewable.
2. TAX EXEMPTION: This Purchase Order may be accepted in lieu of Exemption Certificate.
3. This Order is also placed F.O.B. Destination. Vendor must repay all shipping costs.
4. Invoice each Purchase Order singly. Original invoices are required customer copy may be accepted. Out number must appear on all invoices, bills of lading, and packages.
5. Payment will be made only for bona fide and full completed orders, unless otherwise attached.

QTY	UOM	DESCRIPTION	UNIT PRICE	AMOUNT
		DO NOT DUPLICATE ORDER		
		C-16-329-09-06 EXP 9-05-17 Work Authorization No. 2; B2Z Engineering, LLC for Project: "Emergency Response Engineering Analysis" for Hidalgo County Precinct No. 4, in connection to "on call" agreement for "R/B, C.I.P. and Other Projects in General", C-16-329-09-06.		
1.00	LOT	CC Work Authorization No. 2 Project: "Emergency Response Engineering Analysis" for Hidalgo County Precinct No. 4	29,904.96	29,904.96
		<b>TOTAL:</b>		29,904.96
		***** For Hidalgo County use only 6-1200-431-00-124-007-0-334	29,904.96	

Authorized by: Martha Salazar

December 27, 2016



Hon. Joseph Palacios  
 Commissioner, Hidalgo County Pct. #4  
 1051 N. Doolittle Rd  
 Edinburg, Texas 78542

**RE: Contract # 16-329-09-06 ~ Road and Bridge, CIP and Other Projects in General  
 (On Call)  
 Work Authorization #2 ~ Project Specific Emergency Response Engineering  
 Analysis  
 PO #753883**

Dear Commissioner Palacios:

Attached for your review and approval is our invoice for services rendered under Work Authorization #2 during the month of December 2016 on the subject referenced project.

The following is attached:

- Invoice No. 40000
- Affidavit and Waiver of Lien

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

TASK	% Complete
<b>Drainage Improvement Projects – Engineering Analysis</b>	
<b>UPDATED:</b> B2Z has completed the hydrologic map, drainage area map, location map, floodplain/outfall map and digital elevation mapping for all of the drainage improvement projects: Alamo Brisas, Brenda Estates, Owassa Acres, Rincon del Valle #3, Rincon del Valle #4, Tejano Estates. All maps and CD's containing electronic files have been provided to the Precinct. This task is complete.	100%
<b>Caliche Improvement Projects – Engineering Analysis</b>	
<b>UPDATED:</b> B2Z has completed the hydrologic map, drainage area map, location map, floodplain/outfall map and digital elevation mapping for all of the caliche improvement projects: Brushline Rd, Cactus Rd, Curve Rd, Mile 20, Mile 22 ½, Moises Flores Rd. All maps and CD's containing electronic files have been provided to the Precinct. This task is complete.	100%
<b>Full Reconstruction Project – Engineering Analysis</b>	
<b>UPDATED:</b> B2Z has completed the hydrologic map, drainage area map, location map, floodplain/outfall map and digital elevation mapping for all of the full reconstruction improvement projects: Bandera St, Corin St, Fresno Dr, Grove St, Penelope Dr, 83 <sup>rd</sup> St. All maps and CD's containing electronic files have been provided to the Precinct. This task is complete.	100%

Miscellaneous Mapping	
<b>UPDATED:</b> <i>B2Z has completed the mapping efforts for the Hidalgo County census tracking. This task is complete.</i>	<b>100%</b>

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

Sincerely,



Reza Badiozzamani, P.E., C.F.M.  
President – B2Z Engineering, LLC



# Invoice

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

Date	Invoice #
12/27/2016	40000

Please send remittance with copy of invoice to:

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

INVOICE RECEIVED BY:  
*Pick Pij* ON *12/27/16*  
GOODS/SERVICES RECEIVED BY:  
ON \_\_\_\_\_

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

Project Info:  
*Project Specific Emergency Response  
Engineering Analysis*

B2Z JOB: 4101  
PO # 753883

**Billing Period**                      **December 2016**

<u>Personnel</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Senior Project Manager	18	\$237.60	\$4,276.80
Senior Engineer	50	\$213.84	\$10,692.00
GIS Technician	154	\$95.04	\$14,636.16
<hr/> Total Hours		222	

**Line Item Expenses**

Mileage, Printing Reproduction, Binding, etc.

**Total Direct Expenses                      \$300.00**

**Total For This Billing Period                      \$29,904.96**

**Work Authorization ~ Summary**

<u>WA No.</u>	<u>WA Amount</u>	<u>Previously Inv.</u>	<u>Percent Complete</u>	<u>Remaining Balance</u>
2	\$29,904.96	\$0.00	100.0%	\$0.00

  
Aisha Gonzalez - Director of Operations

Pat. # \_\_\_\_\_  
Pur. Inv. # \_\_\_\_\_  
P.O. # \_\_\_\_\_

**AFFIDAVIT AND WAIVER OF LIEN  
PRIME CONTRACTOR**

STATE OF Texas

COUNTY OF Hidalgo

Personally appeared before me, the undersigned Notary Public for Reza Badiozzamani, President of B2Z Engineering, LLC (Prime Contractor), who being duly sworn by me states on oath that all product suppliers and Subcontractors, payrolls, sales tax, privilege tax or license, old age benefits tax, state and federal unemployment insurance, and other liabilities incurred in the performance of Engineering Services Contract for the On-Call Engineering Contract for "Road and Bridge, C.I.P. and Other Projects in General" – WA#2 (PO# 753883), have been paid in full and that the above named Prime Contractor waives any claims and released Hidalgo County Pct. #4 (Owner) from any rights or claims (including lien rights) for debts due and owing by virtue of the furnishing of any labor, products, and supplies furnished for such improvements.

The above named Prime Contractor agrees to indemnify Hidalgo County Pct#4 and save them harmless on account of any loss he/she may sustain in reliance upon the Affidavit and Waiver of Lien including the amount of any lien he/she may be compelled to pay all costs relating thereto and a reasonable attorney's fee.

B2Z Engineering, LLC

By: 

Title: President

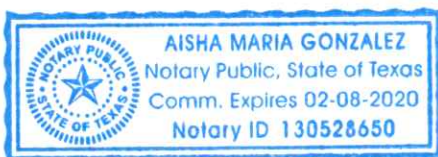
Date: 12-27-16

Sworn to and subscribed before me

this the 27 day of December, 2016.

  
Notary Public

My Commission Expires



November 17, 2016

Commissioner Joseph Palacios  
**Attn: Maria Lucio, Executive Assistant**  
Hidalgo County Precinct No. 4  
2812 South Business Highway 281  
Edinburg, Texas 78539

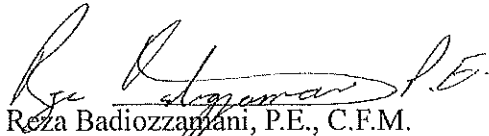
**RE: On-Call Services for "Road and Bridge, C.I.P. and Other Projects in General"  
(C-16-329-09-06)  
Work Authorization No. 2 ~ Project Specific Emergency Response Engineering  
Analysis**

Dear Ms. Lucio,

Attached for your review and approval is Work Authorization No. 2 to provide the Project Specific Emergency Response Engineering Analysis for Drainage, Caliche Improvements and Full Reconstruction under our On-Call Services for "Road and Bridge, C.I.P and Other Projects in General" Contract. This submittal is made to you in duplicate form for your further coordination with Commissioner Palacios.

We appreciate the opportunity to provide our professional services and look forward to working with you. Should you have any questions, please feel free to give me a call at (956) 585-3773.

Sincerely,



Reza Badiozamani, P.E., C.F.M.  
President/Project Manager

Attachments: Work Authorization No. 2

**HIDALGO COUNTY**  
**Professional Engineering Services**  
**Agreement #C-16-329-09-06**

**WORK AUTHORIZATION NO. 2**

**THIS WORK AUTHORIZATION** is made pursuant to the terms and conditions of Section I.A. 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 LLC**, professional engineers of Mission, Texas, hereinafter called "**Engineer**".

**PART 1. SCOPE OF WORK**

The purpose of this Work Authorization is for the "engineering services" to assist with the Project Specific Emergency Response Engineering Analysis.

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 **\$29,904.96**. 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 Articles 5 and 6 of the Agreement.

**PART 4. FUNDING**

This Work Authorization No. 2 shall be funded through funding source:

Account No. 6-1200-431-00-124-007-0334

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, Joseph Palacios, as to content and detail of this **Work Authorization No. 2**.

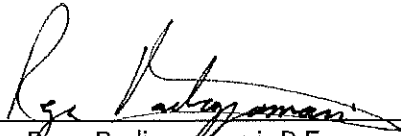
**HIDALGO COUNTY  
COMMISSIONER PRECINCT No. 4:**

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

**PART 8. ACCEPTANCE AND APPROVAL**

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on \_\_\_\_\_ (cc approval date) as indicated below and effective as of \_\_\_\_\_ day of \_\_\_\_\_, 201\_\_.

**THE ENGINEER:  
B2Z ENGINEERING**

  
By: Reza Badiozamani, P.E.

**THE OWNER:  
HIDALGO COUNTY**

\_\_\_\_\_  
By: Ramon Garcia, 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** in the preparation of the project mailing list; provide representation, a site and stenographer for all public meetings; additionally:
  - Public Meetings*
  - (a) Approve agenda and all exhibits prior to public meeting.
  - (b) Approve date and location of the meeting.
  - (c) Review/approve Public Meeting Report.
- (8) Attend the Preliminary Concept Conference coordinated and conducted by the **ENGINEER** and more particularly identified in Attachment "B" of the Agreement.
- (9) 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.
- (10) Review and approve the Project design criteria.
- (11) 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

PROJECT/DESCRIPTION: Emergency Response Engineering Analysis

ENGINEER shall mean B2Z Engineering

COUNTY shall mean Hidalgo County

# EXHIBIT B

## Scope of Services to be provided by the Engineer

### SECTION 2 – FEASIBILITY STUDIES & ANALYSIS

(Function Code 102)

#### Preliminary Design Values

*The ENGINEER will work with the COUNTY to establish basic design concepts, project controls and general scope of Projects. The ENGINEER will ensure compliance as per federal rules and regulations.*

#### Uncontrolled Mapping (w/Contours & GIS Info)

*The ENGINEER will coordinate with the COUNTY for the below referenced needed mapping efforts (5 maps per project) for the Emergency Response Plan Of Action for the three categories of projects: Full Reconstruction, Caliche Improvements & Drainage Improvements*

1. *Overall Project Exhibits highlighting impacted areas overlaid on Aerial Imagery and identifying:*
  - a. *Estimated Cost of Project*
  - b. *Number of Homes impacted (Drainage Projects)*
  - c. *Total population impacted (Drainage Projects)*
  - d. *Total property valuation (Drainage Projects)*
  - e. *Length of Project (Full Reconstruction Projects)*
  - f. *Location Map Inset*
  - g. *Floodplain Inset*
  - h. *Digital Elevation Map Inset*
  
2. *Drainage Area Map identifying project location on Aerial Imagery with respect to:*
  - a. *Existing and/or proposed outfall locations*
  - b. *Topographic Contours*
  - c. *Drainage Patterns*
  - d. *Ponding Areas*
  - e. *Proposed Drainage Improvements*
  
3. *Project Location Map identifying:*
  - a. *Existing Street/Highway Network*
  - b. *City Limits*
  - c. *Hidalgo County Limits*
  
4. *Floodplain & Outfall Map identifying project location on Aerial Imagery with respect to:*
  - a. *FEMA 100 year floodplain*
  - b. *FEMA 500 year floodplain*
  - c. *HCDD #1 Outfall Network*
  - d. *Existing Street/Highway Network*
  
5. *Digital Elevation Map identifying project location on Aerial Imagery with respect to:*
  - a. *Color Coded Existing Terrain Elevations*
  - b. *5 foot Contours*
  - c. *Existing Street/Highway Network*

#### Preliminary ROW Requirements

*The ENGINEER will research and identify affected property owners on the Projects utilizing the latest appraisal district file information from Hidalgo County Appraisal District and information from Carson Maps.*

#### Meetings and Coordination with Hidalgo County Pct. #4

*The ENGINEER shall provide coordination services and shall assist in meetings with affected land owners and COUNTY representatives. The ENGINEER shall coordinate with the COUNTY's staff on all Project related items.*

**EXHIBIT "C"**  
**PROJECT SCHEDULE**  
**On-Call Services for "Road and Bridge, C.I.P. and Other Projects in General"**  
**WA #2 - EMERGENCY RESPONSE ENGINEERING ANALYSIS**

TASK AND DESCRIPTION	2016											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
<b>PROJECT SPECIFIC EMERGENCY RESPONSE ENGINEERING ANALYSIS</b>												
Drainage (Alamo Brisas, Brenda Estates, Orwassa Acres, Rincon Del Valle #3, Rincon Del Valle #4, Tejano Estates)												
Caliche improvements (Brushline Rd, Cactus Rd, Curve Rd, Mile 20, Mile 22 1/2, Moises Flores Rd )												
Full Reconstruction (Bandera St, Corin St, Fresno Dr, Grove St, Penelope Dr, 83rd St.)												

B2Z Engineering



**EXHIBIT D**  
**WA #2 ~ FEE PROPOSAL**

**EMERGENCY RESPONSE ENGINEERING ANALYSIS ~ MAPPING EFFORT**

Precinct #4

TASKS	MANHOURS				
	Senior Project Manager	Senior Engineer	GIS Technician	Total	
<b>Hidalgo County Precinct #4</b>					
<b>Emergency Response Engineering Analysis ~ Project Information Support Packages</b>					
<b>Drainage (Alamo Brisas, Brenda Estates, Owassa Acres, Rincon Del Valle #3, Rincon Del Valle #4, Tejano Estates)</b>					
1	Hydrologic Map(s) (including digitizing existing drainage plan sheets)	4	6	20	30
2	Overall Drainage Area Map(s)		2	6	8
3	Location Map(s)		2	4	6
4	Floodplain & Outfall Map(s)		2	6	8
5	Digital Elevation Model Map(s)		2	10	12
(Note: Tasks 1-5 include the hours needed for all 6 drainage projects )					
<b>Caliche Improvements (Brushline Rd, Cactus Rd, Curve Rd, Mile 20, Mile 22 1/2, Moises Flores Rd )</b>					
6	Hydrologic Map(s)	4	4	16	24
7	Overall Drainage Area Map(s)		2	6	8
8	Location Map(s)		2	4	6
9	Floodplain & Outfall Map(s)		2	6	8
10	Digital Elevation Model Map(s)		2	10	12
(Note: Tasks 6-10 include the hours needed for all 6 caliche improvement projects)					
<b>Full Reconstruction (Bandera St, Corin St, Fresno Dr, Grove St, Penelope Dr, 83rd St.)</b>					
11	Hydrologic Map(s)	4	4	16	24
12	Overall Drainage Area Map(s)		2	6	8
13	Location Map(s)		2	4	6
14	Floodplain & Outfall Map(s)		2	6	8
15	Digital Elevation Model Map(s)		2	10	12
(Note: Tasks 11-15 include the hours needed for all 6 full reconstruction projects)					
<b>Misc. Mapping (Hidalgo County Population Distribution)</b>					
16	Census Mapping (various options)	6	12	24	42
	<b>Subtotal</b>	<b>18</b>	<b>50</b>	<b>154</b>	<b>222</b>
<b>Labor Hours</b>					
	Hourly Base Rates	\$	80.00	\$	72.00
	Contract Rate FY2016	\$	237.60	\$	213.84
	<b>Total Labor Costs</b>	\$	<b>4,276.80</b>	\$	<b>10,692.00</b>
	<b>Subtotal</b>				<b>154</b>
	<b>Total</b>				<b>222</b>

Direct Expenses Printing 11"x17" (estimated 200 sheets @ \$1.50 each) \$ 300.00

Total Direct Expenses \$ 300.00

**BZZ Engineering Total Cost**

**\$ 29,904.96**