

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

300 FILED
JAN 17 2017
ARTURO GUJARDO, JR., COUNTY CLERK
HIDALGO COUNTY, TEXAS
N/A

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 6-1200-431-00-124-007-0534

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: Joseph Palacios

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on (cc approval date) 12/06/16 as indicated below and effective as of 6th day of December, 2016.

**THE ENGINEER:
B2Z ENGINEERING**

Reza Badiozamani P.E.
By: Reza Badiozamani, P.E.

**THE OWNER:
HIDALGO COUNTY**

Ramon Garcia
By: Ramon Garcia, County Judge

ATTEST:

Arturo Guajardo Jr.
By: Arturo Guajardo Jr. County Clerk



APPROVED BY
COMMISSIONERS' COURT
ON: 12/6/16

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
PROJECT SPECIFIC EMERGENCY RESPONSE ENGINEERING ANALYSIS												
Drainage (Alamo Brisas, Brenda Estates, Owassa 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
Hidalgo County Precinct #4				
Emergency Response Engineering Analysis ~ Project Information Support Packages				
Drainage (Alamo Brisas, Brenda Estates, Owassa Acres, Rincon Del Valle #3, Rincon Del Valle #4, Tejano Estates)				
1	4	6	20	30
2		2	6	8
3		2	4	6
4		2	6	8
5		2	10	12
(Note: Tasks 1-5 include the hours needed for all 6 drainage projects)				
Caliche Improvements (Brushline Rd, Cactus Rd, Curve Rd, Mile 20, Mile 22 1/2, Moises Flores Rd)				
6	4	4	16	24
7		2	6	8
8		2	4	6
9		2	6	8
10		2	10	12
(Note: Tasks 6-10 include the hours needed for all 6 caliche improvement projects)				
Full Reconstruction (Bandera St, Corin St, Fresno Dr, Grove St, Penelope Dr, 83rd St.)				
11	4	4	16	24
12		2	6	8
13		2	4	6
14		2	6	8
15		2	10	12
(Note: Tasks 11-15 include the hours needed for all 6 full reconstruction projects)				
Misc. Mapping (Hidalgo County Population Distribution)				
16	6	12	24	42
Subtotal	18	50	154	222
Labor Hours				
Hourly Base Rates	\$ 80.00	\$ 72.00	\$ 32.00	
Contract Rate FY2016	\$ 237.60	\$ 213.84	\$ 95.04	
Total Labor Costs	\$ 4,276.80	\$ 10,692.00	\$ 14,636.16	\$ 29,604.96

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

Total Direct Expenses \$ 300.00

B2Z Engineering Total Cost

\$ 29,904.96

November 17, 2016

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

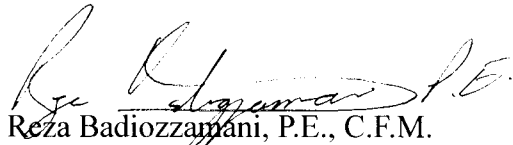
**RE: On-Call Services for “Road and Bridge, C.I.P. and Other Projects in General”
(C-16-329-09-06)
Work Authorization No. 2 ~ Project Specific Emergency Response Engineering
Analysis**

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

D. Pct. 3

- 1. **AI-57485** Acceptance of the listed invoices/claims from Superior Alarms with approval for County Treasurer to issue payment after review, audit, and processing procedures are completed by County Auditor for the following:

Vendor	Invoice No.	Amt.
Superior Alarms	529918	\$85.00
Superior Alarms	542687	\$7.50
Superior Alarms	570225	\$185.00

On motion by COMMISSIONER PCT. 1, A.C. CUELLAR, JR., seconded by COMMISSIONER PCT. 4, JOSEPH PALACIOS, the Court made a UNANIMOUS vote of approval.

Vote: 3 - 0 - Unanimously

APPROVED

BAS
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E. Pct. 4

- 1. **AI-57510** Acceptance and approval of Work Authorization No. 2 (with an estimated cost of \$ 29,904.96) as submitted by project engineer, 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.

On motion by COMMISSIONER PCT. 1, A.C. CUELLAR, JR., seconded by COMMISSIONER PCT. 4, JOSEPH PALACIOS, the Court made a UNANIMOUS vote of approval.

Vote: 3 - 0 - Unanimously

- 2. **AI-57516** Requesting approval of payment of claim submitted by Gomez Paving, LLC. in the amount of \$2,700.00. Project: Sunflower Park CRC. (Parking Lot).

Martha Salazar stated that after resolving the issue with the auditor's office, they'll be referencing the original purchasing order for the additional work that was conducted.

No action taken on this item.

F. IT Department:

- 1. **AI-57588** A. Requesting exemption from competitive procurement requirements under TXLGC, 262.024(a)(7) 'an item that can only be obtained from one source';

On motion by COMMISSIONER PCT. 1, A.C. CUELLAR, JR., seconded by COMMISSIONER PCT. 4, JOSEPH PALACIOS, the Court made a UNANIMOUS vote of approval.

Vote: 3 - 0 - Unanimously

B. Approval of a "Sole Source Declaration" with authority to enter into an agreement [reviewed and approved as to form by HC-DA/Civil Section] with Tyler Technologies, Inc. for the Integration Toolkit-Case Manager Libraries [in connection with Odyssey] in the amount of \$69,280.00 through submission of requisition for processing of a Purchase Order including the executing applicable documents and compliance with Form 1295 when, and if applicable.

On motion by COMMISSIONER PCT. 1, A.C. CUELLAR, JR., seconded by COMMISSIONER PCT. 4, JOSEPH PALACIOS, the Court made a UNANIMOUS vote of approval.

Vote: 3 - 0 - Unanimously

G. Budget & Management

- 1. **AI-57457** Acceptance and approval of the final negotiated contract with Lewis & Ellis, Inc. for "Actuarial Consulting Services for GASB 43 and/or 45 OPEB Valuation Analysis and Part II Health Benefits Reserve Analysis" for Hidalgo County including the "Best and Final Offer".

On motion by COMMISSIONER PCT. 1, A.C. CUELLAR, JR., seconded by COMMISSIONER PCT. 4, JOSEPH PALACIOS, the Court made a UNANIMOUS vote of approval.

Vote: 3 - 0 - Unanimously