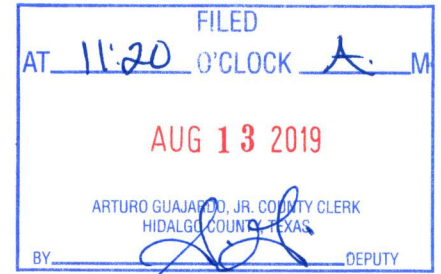


**HIDALGO COUNTY**  
**Professional Engineering Services**  
**Agreement #C-18-273-11-20**



**WORK AUTHORIZATION NO. 2**

**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 LLC**, 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 and Construction Phase Services for the Hidalgo County Sheriff's Office Detention Barracks.

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 **\$32,097.76**. 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. \_ \_ \_ \_ \_

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.**



EXHIBIT "A"  
SCOPE OF SERVICES TO BE PROVIDED BY THE OWNER

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The following provides an outline of the services to be provided by the **Owner** for the proposed Preliminary Design and Construction Phase Services of the Hidalgo County Sheriff's Office Detention Barracks hereinafter denoted as the **Project**.

**GENERAL:**

The **Owner** will provide to the **Engineer** the following:

- 1) Provide the authorization to proceed with services through coordination with the project **Engineer**.
- 2) Payment for work performed by the **Engineer** and accepted by the **Owner** in accordance with Article 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 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 Exhibit "C" attached to this Work Authorization.
- 6) Attend and participate in progress meetings as required and as coordinated and conducted by **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: WA#2 - Preliminary Design & Construction Phase Services of the Hidalgo County Sheriff's Office Detention Barracks (C-18-273-11-20)

ENGINEER shall mean B2Z Engineering

COUNTY shall mean Hidalgo County

ARCHITECT shall mean Architect of Record

# **EXHIBIT B**

## **Scope of Services to be provided by the Engineer**

### **SECTION 2 – PRELIMINARY DESIGN VALUES**

(Function Code 102)

#### **Preliminary Design Values**

The ENGINEER will work with the COUNTY and ARCHITECT to establish basic design concepts, project controls and general scope of Projects.

- 1) Review of existing materials (drawings, programs, maps, budgets, schedules, surveys, project requirements, and TCJS requirements) to familiarize the team with the project and work complete to date.
- 2) Update our Project Management Plan and Project Management software to address the needs of the COUNTY and project.
  - a) Identify all project stakeholders and assist the County in development of Steering and Governing Committee's for the project.
  - b) Assist the County in the development of the guiding principles and project imperatives which will become the basis of all future decisions regarding the project.
  - c) Review of the Contractor procurement methodology options with consideration to state and local public procurement regulations.
  - d) Development of risk analysis to identify project risks and suggested mitigation strategies.
  - e) Development of baseline project schedule.
  - f) Development of Communication Plan.
  - g) Development of document control framework.

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

The ENGINEER will investigate the existing structures and coordinate with the Owner on establishing the best-fit alignments and mapping proposed geometry for Projects. Preliminary Location Exhibit will be developed.

#### **Preliminary Cost Estimates**

The ENGINEER will update preliminary construction cost estimates for of the various phases of the Project.

- 1) Update of the project budget for the entire project. The updated budget will be compared with the existing budget to identify issues for discussion and resolution.

#### **Meetings, Coordination & Support for Project Development**

The ENGINEER shall provide coordination services and shall assist in meetings and workshops with the COUNTY, ARCHITECT, and all other affected parties. The ENGINEER shall serve as representative for

# **EXHIBIT B**

## **Scope of Services to be provided by the Engineer**

the Owner in coordination items. The ENGINEER shall coordinate with the Owner's staff on all Project related items.

- 1) Coordinate with the Hidalgo County Sheriff's Office department's for coordination of all systems for the project.
- 2) Consultation with the County and Texas Commission on Jail Standards.
  - a. Coordination of a workshop to present the findings of the needs assessment conducted by the Texas Commission on Jail Standards.
- 3) Implement and maintain communication tools identified in the program management plan.
- 4) Provide and maintain PMIS software as the central filing system for project official documents information and communications records. This will be turned over to the County at the end of the project as a record of all project files.
- 5) Document and record meeting minutes for all design meetings, pre-construction meetings, construction meetings and post-construction meetings. The minutes will be the official project meeting record.
- 6) Create a monthly report that will provide the County with the following:
  - a. Executive Summary
  - b. Discussion of major activities on the project
  - c. Outstanding issues
  - d. Budget changes (detailed description of change orders)
  - e. Schedule and related issues

## **SECTION 12 - CONSTRUCTION PHASE SERVICES** **(Function Code 320)**

### **Miscellaneous Technical Activities:**

- 1) The ENGINEER will coordinate various aspects of the project development component as directed by the COUNTY.
- 2) The ENGINEER will act as an agent of the COUNTY when dealing with the ARCHITECT hired by the COUNTY.
- 3) The ENGINEER will coordinate with the COUNTY on a bi-weekly basis to ensure that the project is meeting all defined project goals.

**EXHIBIT "C"**  
**PROJECT SCHEDULE**  
**Contract #C-18-273-11-20**  
**Hidalgo County Sheriff's Office Detention Barracks**  
**Work Authorization No. 2**

TASK AND DESCRIPTION	2019												
	JUL	AUG	SEP	OCT	NOV	DEC							
Preliminary Design Values													
Preliminary Cost Estimate													
Meetings, Coordination, & Support for Project Development													

B2Z Engineering



**EXHIBIT D  
FEE PROPOSAL**

**Contract # C-18-273-1120  
Hidalgo County Sheriff's Office Detention Barracks  
Work Authorization No. 2**

TASKS	MANHOURS					Total Line Item Cost
	Project Manager	Deputy Project Manager	Admn/ Clerical	Total Hours		
<b>1.0 Preliminary Design Values</b>						
1.1 Update HCSO Project Imperatives	4	4	3	11		\$1,500.03
1.2 Baseline Schedule, Project Risk Register, Communication Plan, Document Control Framework, PMIS, Exhibits, Procurement Methodology, Addtl. Consultant Requirements	14	8	6	28		\$4,183.98
<b>2.0 Preliminary Cost Estimate</b>						
2.1 Update Preliminary Project Budget	5	3	2	10		\$1,500.03
<b>3.0 Meetings, Coordination &amp; Support for Project Development (Preliminary Design)</b>						
3.1 SUB: Sentinel Consultants - coordination with TCJS and HCSO		(see Exhibit D Page 2 of 2)				
3.2 Meetings & Coordination with HCSO staff for project definition and development	22	32	16	70		\$6,000.00
3.3 Coordination with TCJS for Hidalgo County Jail Project Workshop	10	12	8	30		\$9,500.18
3.4 Briefing Meetings with Hidalgo County Sheriff	8	8	4	20		\$4,040.62
<b>Labor Hours</b>	<b>63</b>	<b>67</b>	<b>39</b>	<b>149</b>		
Hourly Base Rates	\$ 58.00	\$ 38.00	\$ 20.00			
Contract Rate FY2019	\$ 195.95	\$ 128.38	\$ 67.57			
<b>Total Costs</b>	<b>\$ 12,344.85</b>	<b>\$ 8,601.46</b>	<b>\$ 2,635.23</b>			<b>\$29,589.76</b>

**Direct Expenses** Mileage: (\$0.56/mile) (50 miles roundtrip x 16 trips)(1 round trips Austin - 600 miles total)  
 Lodging (\$90/night x 1 nights x 2 rooms x 1 trip)  
 Per Diem (\$36/day x 2 days x 2 people x 1 trip)  
 Owner-Insite Project Management Software 4 months x \$350/month)

**Total Direct Expenses \$ 2,508.00**

**B2Z Engineering Total Cost**

**\$32,097.76**



# CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.  
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

## OFFICE USE ONLY CERTIFICATION OF FILING

**1 Name of business entity filing form, and the city, state and country of the business entity's place of business.**  
B2Z Engineering LLC  
Mission, TX United States

Certificate Number:  
2019-521541

Date Filed:  
07/25/2019

Date Acknowledged:

**2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.**  
Hidalgo County

**3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.**

C-18-273-11-20  
WA#2 Preliminary Design & Construction Phase Services of the Hidalgo County Sheriff's Office Detention Barracks

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary
	Gonzalez, Aisha	Mission, TX United States	X	

**5 Check only if there is NO Interested Party.**

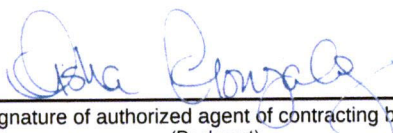
**6 UNSWORN DECLARATION**

My name is Aisha Gonzalez, and my date of birth is 01/23/79.

My address is 900 S. Stewart Rd., Ste. 4, Mission, TX, 78572, USA.  
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in Hidalgo County, State of Texas, on the 25 day of July, 20 19.  
(month) (year)

  
\_\_\_\_\_  
Signature of authorized agent of contracting business entity  
(Declarant)