

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

AT	3:00	FILED	P	M
O'CLOCK				
JUL 28 2017				
ARTURO GUAJARDO, JR. COUNTY CLERK HIDALGO COUNTY, TEXAS				
BY	[Signature]			DEPUTY

WORK AUTHORIZATION NO. 4

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 "engineering services" to provide Feasibility Study Services of the new Mechanic Shop for Hidalgo County Precinct 4. These preliminary Feasibility Study Phase Activities include; re-evaluation of Project Scope, Value Engineering, Specifications Review, development of preliminary cost estimates, and meetings/coordination with all affected parties.

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 **\$16,777.52**. 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. 4 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.**

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. 4.**

**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 July 11, 2017 as indicated below and effective as of 1st day of July, 2017.

**THE ENGINEER:
B2Z ENGINEERING**

Nicholus Muñoz
By: Nicholus Muñoz, Vice President

**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: 7/11/17

EXHIBIT A

Scope of Services to be provided by the County

The following provides an outline of the services to be provided by the Owner in the development of Projects (as defined and more particularly identified in Exhibit “A” attached to this Agreement).

General:

The Owner will provide to the Engineer the following:

- 1) Provide the authorization to proceed with services through coordination with the project consulting and design Engineer.
- 2) Payment for work performed by the Engineer and accepted by the Owner in accordance with Article 6 of this 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 projects.
- 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 “A” attached to this Agreement.
- 6) Attend and participate in progress meetings as required and as coordinated and conducted by Engineer.
- 7) Provide the authorization to proceed with services on project by project basis through consulting design and construction 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: On-Call Services for “Road and Bridge, C.I.P. and Other Projects in General”
Work Authorization No. 4 ~ Feasibility Studies – Mechanic Shop (FC102)

ENGINEER shall mean B2Z Engineering.

COUNTY shall mean Hidalgo County.

ARCHITECT shall mean Existing Architectural Design Plans

EXHIBIT B

Scope of Services to be provided by the Engineer

SECTION 2 – FEASIBILITY STUDIES

(Function Code 102)

Preliminary Design Values

The ENGINEER will work with the Owner to review existing plans and specifications and re-evaluate overall project scope, basic design concepts, and project.

Preliminary Cost Estimates

The ENGINEER will calculate preliminary construction cost estimates for the re-evaluated Project scope.

Meetings, Coordination & Support for Project Development

The ENGINEER shall provide coordination services and shall assist in meetings and workshops with Hidalgo County Precinct 4, Hidalgo County Drainage District No. 1, and all other affected parties. The ENGINEER shall serve as representative for the Owner in coordination items. The ENGINEER shall coordinate with the Owner's staff on all Project related items.



**EXHIBIT D
FEE PROPOSAL**

Mechanic's Shop

Hidalgo County Precinct 4
Work Authorization No. 4

		MANHOURS				Total
		Senior Project Manager	Project Manager	Admin/ Clerical		
Hidalgo County Precinct #4 Mechanic's Shop Feasibility Studies						
TASKS						
FC102						
	1	Re-Evaluation of Project Scope, Value Engineering, Specifications Review, etc	8	20	6	34
	2	Calculate preliminary cost estimates for the Re-evaluated Project Scope	4	16		20
	3	Meetings and Coordination with Hidalgo County Precinct 4, HCDD #1 & all other affected parties	8	20		28
		Subtotal	20	56	6	82
Labor Hours						
		Hourly Base Rates	20	56	6	82
		Contract Rate FY2017	\$ 80.00	\$ 52.00	\$ 20.00	
		Total Labor Costs	\$ 244.73	\$ 198.84	\$ 61.18	
			\$ 4,894.60	\$ 11,135.04	\$ 367.08	\$ 16,396.72

Direct Expenses Mileage: \$0.56/mile \$ 380.80

Total Direct Expenses \$ 380.80

B2Z Engineering Total Cost

\$ 16,777.52