

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.2, Commissioner, Eduardo Cantu, as to content and detail of this **Work Authorization No. 4**.

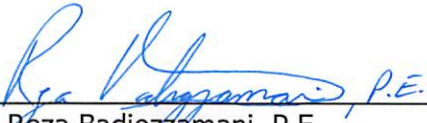
**HIDALGO COUNTY
COMMISSIONER PRECINCT No. 2:**

BY: _____

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on 4/5/17 as indicated below and effective as of _____ day of _____, 2017.

**THE ENGINEER:
B2Z ENGINEERING**


By: Reza Badiozzamani, 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 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.
- 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 ~ Construction Phase Services - Countywide Shop (FC102 & FC320)

ENGINEER shall mean B2Z Engineering.

COUNTY shall mean Hidalgo County.

ARCHITECT shall mean The Warren Group

EXHIBIT B

Scope of Services to be provided by the Engineer

Hidalgo County Precinct 2 ~ Const. Phase Services - County Wide Shop:

SECTION 2 – FEASIBILITY STUDIES (Function Code 102)

Meetings, Coordination & Support for Project Development

- 1) The ENGINEER shall provide coordination services and shall assist in meetings and workshops with Hidalgo County Purchasing Dept., Hidalgo County Drainage District No. 1, Hidalgo County Pct#2, 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.

SECTION 12 - CONSTRUCTION PHASE SERVICES (Function Code 320)

The ENGINEER will provide construction phase services for and during the construction of the Project or portions of the Project approved by the COUNTY. Specific (basic and special) services for CONSTRUCTION MANAGEMENT AND SUPPORT by the ENGINEER will include the following:

Construction Bidding:

- 1) The ENGINEER will assist the COUNTY on the tabulation of bids, recommendations to the Owner as to the proper action on all bid proposals received, and the preparation of formal contract documents for the award of each construction contract.

Construction Contract Administration and Inspection:

- 1) In general, the ENGINEER will provide the management and engineering support/data required for consultation and advisement to the COUNTY and act as the COUNTY's representative as provided in the General Condition of the Construction Contract.
 - 2) The ENGINEER will coordinate and conduct a pre-construction conference (if required).
 - 3) Defects and Deficiencies. The ENGINEER will use his best efforts to protect the COUNTY against defects and deficiencies in the work of the Contractor. The ENGINEER will promptly notify the COUNTY of any such defect or deficiency, and take all steps possible to require the Contractor to correct the defect or deficiency.
 - 4) Contractor Payment. The ENGINEER will review quantities as submitted by the Contractor and will coordinate with the COUNTY for the preparation of the monthly and final estimates for payment to the Contractor.
 - 5) The ENGINEER will provide Project site inspection of the authorized construction contract as follows:
 - a) Project Engineer. The ENGINEER will provide visits by the Project Engineer or a competent representative of the ENGINEER to the site of construction for the purpose of monitoring the Contractor's progress and conformance to the construction contract plans and specifications.
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EXHIBIT B

Scope of Services to be provided by the Engineer

- b) Construction Inspector(s). The ENGINEER will furnish the services of a Construction Inspector(s) for on the site inspection construction to monitor/inspect the Contractor's daily progress and conformance to project specifications.

Miscellaneous Technical Activities:

- 1) Control of Materials & Equipment. The ENGINEER will provide inspection of all materials and equipment furnished/used by the Contractor as follows:
 - a) Review and record all laboratory, shop and mill tests of materials and equipment for compliance with the construction contract specifications.
 - b) Observe material testing and/or independent assurance testing as outlined in the construction contract specifications.
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**EXHIBIT D
FEE PROPOSAL**

**Construction Phase Services - Countywide Shop
Construction Management ~ (Inspection, and other Field Related Activities)
Hidalgo County Precinct 2
Work Authorization No. 4**

<i>Hidalgo County Precinct #2 Construction Phase Services - Countywide Shop (Construction Management ~ Inspection, and other Field Related Activities)</i>			MANHOURS				
			Senior Project Manager	Construction Manager	Construction Inspector	Admin/ Clerical	Total
TASKS							
<i>COUNTYWIDE SHOP</i>							
	1	Construction Management & Construction Inspection	48	210	280	72	610
	2	Meetings and Coordination with Hidalgo County Precinct 2, HCDD#1, & Architect of Record	8	40	2	4	54
		Subtotal	56	250	282	76	664
Labor Hours			56	250	282	76	664
Hourly Base Rates			\$ 80.00	\$ 52.00	\$ 28.00	\$ 20.00	
Contract Rate FY2017			\$ 244.73	\$ 159.07	\$ 85.65	\$ 61.18	
Total Labor Costs			\$ 13,704.88	\$ 39,767.50	\$ 24,153.30	\$ 4,649.68	\$ 82,275.36

Direct Expenses Mileage: \$0.56/mile (Estimated at a 10 month construction duration ~ 30mile round trip) \$ 3,360.00

Total Direct Expenses \$ 3,360.00

B2Z Engineering Total Cost

\$ 85,635.36