

HIDALGO COUNTY UCP
Professional Engineering Services

WORK AUTHORIZATION NO. 1

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of Article 1 of the Agreement made by and between **HIDALGO COUNTY**, acting herein by and through the **Hidalgo County Urban County Program**, 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: _____
Engineering Services for the 2022 Palmview Street Improvements Project

The scope of services to be provided by the **Owner** is identified in *ATTACHMENT “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 *ATTACHMENT “B” – Scope of Services to be Provided by the Engineer* attached hereto.

PART 2. CONTRACT AMOUNT

The estimated cost for services under this Work Authorization is \$ 36,602.75 This amount is based upon the costs outlined in the **Contract Amount** attached hereto as **ATTACHMENT “D”**.

PART 3. PAYMENT

Compensation and payment to the Engineer for the services established under this Work Authorization shall be made in accordance with **Article/Part/Section 5** of the Agreement.

PART 4. FUNDING

This Work Authorization No. 1 shall be funded through funding source:

Account No. 5022-55-0311-5000-0000-00-UCP-AP

Requisition/Purchase Order 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 within the contract limits of two (2) years from approval of contract.**

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 Urban County Program Director, Patricio R. Avila**, as to content and detail of this **Work Authorization No. 1**.

**HIDALGO COUNTY
URBAN COUNTY PROGRAM**

BY: _____
Nellie Flores, Interim Director

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners’ Court on November 1st, 2022 as indicated below and effective as of 1st day of November, 2022.

THE ENGINEER:
B2Z Engineering, LLC

THE OWNER:
HIDALGO COUNTY

By: Aisha Gonzalez, President

By: Richard F. Cortez, County Judge

ATTEST:

BY: _____
Arturo Guajardo, Jr., County Clerk

LIST OF ATTACHMENTS

- ATTACHMENT “A” - Service to be provided by the Owner
- ATTACHMENT “B” - Services to be provided by the Engineer
- ATTACHMENT “C” - Work Schedule
- ATTACHMENT “D” - Contract Amount

Attachment "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 (as defined and more particularly identified on 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 coordinator with the project consulting and design Engineer.
- 2) Payment for work performed by the Engineer and accepted by the Owner in accordance with Article 3 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 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 A attached to this agreement.
- 6) Attend and participate in progress meetings as required and as coordinated and conducted by Engineer.
- 7) Provide authorization to proceed with services on project by project basis through consulting design and construction Engineer.

ATTACHMENT "B"

Scope of Services to be Provided by the Engineer

(Description of Services)

The services designated herein as "Services provided by the Engineer" shall include the performance of all engineering services for the HIDALGO COUNTY / Urban Country Program.

B2Z Engineering, L.L.C. services include Survey and Topography, Geotechnical, PS&E, Construction Bid Phase Services, Construction Inspection & Management & Construction Material Testing (CMT) for the Hidalgo County/ Urban County Program 2022 Palmview Street Improvement Best and Final Offer (BAFO)

The Palo Blanco Drive and Business Drive project located in the City of Palmview, Texas consists of 2600 feet (Approx.) in length.

The above-mentioned project consists of surface treatment, overlay, and reconstruction of any areas that will potentially be affected by the proposed improvements.

ATTACHMENT-"C"
PROJECT SCHEDULE
 2022 Palmview Street Improvements Best and Final Offer (BAFO)

TASK AND DESCRIPTION	2023							
	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT
WA #1								
Data Collection								
Geotechnical Engineering/Reporting								
Plans, Specifications, Estimates								
Engineering Construction Support								
Meetings and Coordination								

ATTACHMENT "D"



Contract Rates

Personnel Classification	Hourly Base Rate	Contract Rate FY 2022	Contract Rate FY 2023†	Contract Rate FY 2024†
Senior Project Manager / Principal	\$ 75.00	\$ 210.69	\$ 217.01	\$ 223.52
Project Manager	\$ 68.00	\$ 191.03	\$ 196.76	\$ 202.66
Senior Construction Engineer / Manager	\$ 62.00	\$ 174.17	\$ 179.40	\$ 184.78
Geotechnical Engineer	\$ 60.00	\$ 168.55	\$ 173.61	\$ 178.82
Construction Manager / PMP	\$ 60.00	\$ 168.55	\$ 173.61	\$ 178.82
Construction Superintendent	\$ 42.00	\$ 117.99	\$ 121.53	\$ 125.17
Environmental Manager (10+ Years Exp.)	\$ 49.00	\$ 137.65	\$ 141.78	\$ 146.03
Project Engineer (10+ Years Exp.)	\$ 45.00	\$ 126.41	\$ 130.21	\$ 134.11
Engineering Lab Manager	\$ 43.00	\$ 120.80	\$ 124.42	\$ 128.15
Design Engineer (5~10 Years Exp.)	\$ 40.00	\$ 112.37	\$ 115.74	\$ 119.21
GIS / Senior Engineering Tech	\$ 38.00	\$ 106.75	\$ 109.95	\$ 113.25
Environmental Specialist	\$ 37.00	\$ 103.94	\$ 107.06	\$ 110.27
Construction Inspector	\$ 32.00	\$ 89.90	\$ 92.59	\$ 95.37
BIT	\$ 31.00	\$ 87.09	\$ 89.70	\$ 92.39
Construction Record Keeper	\$ 30.00	\$ 84.28	\$ 86.80	\$ 89.41
Unmanned Aircraft System (UAS) Pilot	\$ 29.50	\$ 82.87	\$ 85.36	\$ 87.92
Laboratory / Field Technician	\$ 29.00	\$ 81.47	\$ 83.91	\$ 86.43
Engineer Tech	\$ 28.00	\$ 78.66	\$ 81.02	\$ 83.45
CADD Operator	\$ 26.50	\$ 74.44	\$ 76.68	\$ 78.98
Admin/Clerical	\$ 23.00	\$ 64.61	\$ 66.55	\$ 68.55
Overhead Rate*: 144.28% Profit Rate: 15.00%	Contract Rates include labor, overhead, and profit. Contract Rates to be used to derive lump sum totals. All rates are negotiated rates and are not subject to change or adjustment.			
Direct Expenses:				
Lodging.....	\$98/night			
Meals.....	\$59/day			
Mileage.....	\$0.625/mile			
Car Rental.....	\$60.00/Day			
2 Man Survey Crew.....	\$150.00/hr			
Aerial Drone Flight.....	\$250.00/hr			
Air Travel (Coach/Business Class).....	At Cost			
8 1/2" X 11" copies.....	\$1.00/sheet			
11" X 17" copies.....	\$1.50/sheet			
Overnight Mail - Letter Size.....	\$15.00/Each			
Overnight Mail - Oversized Box.....	\$25.00/Each			

* = Overhead Rate is TxDOT 2021 Approved Audited Overhead Rate.

† = 3% Escalation Rate added to future fiscal years.