

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, **Cruz-Hogan Consultants, Inc.**, professional engineers of **Weslaco**, Texas, hereinafter called “**Engineer**”.

PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the **Engineer** to provide **Professional Engineering Services for the 2023-2024 Weslaco Water/Sewer Improvements Project.**

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. CONTRACT AMOUNT

The estimated cost for services under this Work Authorization is \$ **62,000.00.** This amount is based upon the costs outlined in the **Contract Amount** 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 **Article/Part/Section 5** of the Agreement.

PART 4. FUNDING

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

Account No. **5023/24-80-0310-5000-0000 UCP-EP**

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, Joel Rivera, Ph.D.**, as to content and detail of this **Work Authorization No. 1**.

**HIDALGO COUNTY
URBAN COUNTY PROGRAM**

BY: _____
Joel Rivera, Ph.D., UCP Director

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on **February 18**, as indicated below and effective as of **18** day of February, **2025**.

THE ENGINEER:
CRUZ-HOGAN CONSULTANTS, INC.

THE OWNER:
HIDALGO COUNTY

By: Orlando Cruz, 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

The following provides an outline of the services to be provided by the Engineer in the development of the Project.

The ENGINEER will evaluate and design the Paving and Drainage Improvements as follows:

Review existing conditions to develop the design criteria;

- Conduct field surveys to obtain information on existing conditions and topography on proposed paving and drainage improvements;
- Identify alignments and right of ways of proposed paving and drainage improvements;
- Develop plan and profile sheets for proposed paving and drainage improvements;
- Prepare plans and specifications for the improvements;
- Assist in bidding of the improvements;
- Provide construction staking and periodic inspection services during the construction phase of the improvements.

Attachment "C"

Work Schedule

Hidalgo County Urban County Program

2023-2024 Weslaco Water/Sewer Line Improvements Project

Proposed Project Timeline Schedule

February 10, 2025

Work Item	Duration In Months	2025												2026					
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	
Item 1 - Preparation of Engineering Agreement	0.25		■																
Item 2 - Establish the scope of topographic surveys for the design of the project.	0.25		■																
Item 3 - Prepare & submit a preliminary report.	0.25			■															
Item 4 - Receive electronic survey data from project surveyor & prepare background drawings for construction plans.	0.5			■	■														
Item 5 - Prepare detailed drawings, technical specifications, and other pertinent documents for construction.	2			■	■	■	■												
Item 6 - Submit plans & specifications to City/Urban County for review/approval.	0.5					■													
Item 7 - Bidding Process. Furnish the City/Urban County with copies of plans & specifications and receive Bids for Project. Evaluate Bids and make recommendation.	2						■	■											
Item 8 - Prepare Construction Contract and County Approval	2							■	■										
Item 9 - Assist in conducting a pre-construction conference with City staff, Urban County staff, and Construction Company & Issue Notice to Proceed	0.5								■										
Item 10 - Construction process.	3									■	■	■							
Item 11 - Project Closeout. Prepare "As-Built" drawings to be provided by the Engineer to the City/Urban County. Three (3) sets will be provided.	1																■		



CRUZ - HOGAN

ENGINEERS | PLANNERS
 McAllen | Harlingen | Weslaco
 TOPE FIRM REGISTRATION No. F - 3860



Attachment "D"
CRUZ - HOGAN

ENGINEERS | PLANNERS
TBPE Firm Reg No. F-4860

Offices
Weslaco
McAllen
Harlingen

February 6, 2025

Dr. Joel Rivera, Ph.D
Director
Hidalgo County-Urban County Program
1916 Tesoro St.
Pharr, Texas 78577

Re: Best & Final Offer for Engineering Services
City of Weslaco 2023/2024 Sewer Line Improvements Project
Hidalgo County Urban County Program

Dear Mr. Rivera:

Enclosed is our Opinion of Probable Project Cost for the City of Weslaco 2023/2024 Sewer Line Improvements Project. Our best and final offer for the above-referenced project is \$ 62,000.00, including design, surveying and materials testing. We are attaching our Project Cost Estimate for your records.

I would like to thank you for the opportunity to assist both the City of Weslaco and Hidalgo County on this project. If you have any questions, please feel free to contact me at (956) 854-4227.

Sincerely,

Marcus Cruz, P.E., CFM
Project Manager

Enclosures



CITY OF WESLACO
OPINION OF PROBABLE PROJECT COST
Hidalgo County Urban County Program
2023-2024 Sewer Line Improvements Project

Revised 2/6/2025

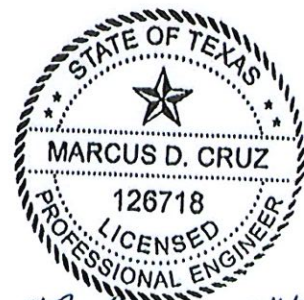
Item	Description	Unit	Estimated Quantity	Unit Price	Line Item Total
SANITARY SEWER SYSTEM IMPROVEMENTS					
<i>PROJECT SCOPE: Replace existing 8-inch sewer lines and rehabilitate existing manholes in the following areas: (1) Pike Blvd. between Kansas Avenue and school entrance (2) Kansas Avenue between Pike Blvd. and Esplanada St. Project will include the use of pipe bursting technologies.</i>					
CONSTRUCTION ITEMS					
1	NEW 8" SEWER LINE-PIPE BURSTING, HDPE PIPE, DR 17	LF	2,100	\$130.00	\$273,000.00
2	NEW FIBERGLASS MANHOLE	EA	1	\$14,500.00	\$14,500.00
3	REHABILITATION OF EXISTING MANHOLES W/ NEW RISER AND COMPOSITE RING AND COVER	EA	9	\$12,000.00	\$108,000.00
4	NEW 8" SEWER LINE LATERALS AT EXIST MANHOLES	LF	200	\$300.00	\$60,000.00
5	SERVICE CONNECTION TIE-IN AT NEW SEWER LINES	EA	4	\$4,000.00	\$16,000.00
6	STREET PAVEMENT REPAIR AT MANHOLES AND SERVICE CONNECTIONS	SY	250	\$65.00	\$16,250.00
7	CLEANING LINE AND TELEVISIONING LINES EXISTING SEWER LINES	LF	2,100	\$15.00	\$31,500.00
8	PREPARATION OF TRAFFIC CONTROL PLAN	LS	1	\$8,000.00	\$8,000.00
9	IMPLEMENTATION OF TRAFFIC CONTROL SEGMENTS	LOC	9	\$5,000.00	\$45,000.00
SUBTOTAL - SEWER SYSTEM					\$572,250.00
NON-CONSTRUCTION ITEMS					
DESIGN SURVEYING, ENGINEERING DESIGN, AND CONSTRUCTION SERVICES FEES, Including Materials Testing					\$62,000.00
LABORATORY MATERIALS TESTING FOR STREET PAVING PATCHWORK (ALLOWANCE)					Included in Eng Fees
TOTAL - NON-CONSTRUCTION ITEMS					\$62,000.00
TOTAL ESTIMATED PROJECT COST *					\$634,250.00

**Note: Above cost does not include any construction*



CRUZ - HOGAN

ENGINEERS | PLANNERS
McAllen | Harlingen | Weslaco
TOPE FIRM REGISTRATION No: F - 4060



Marcus D. Cruz 2/6/25