

**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 **McAllen**, 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 2024 Alamo Water/Sewer Improvement 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 \$ **43,262.00.** 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. **5024-05-0310-5000-0000**

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 July 8, as indicated below and effective as of 8 day of July, 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"

Exhibit "B"

Scope of Services to be Provided by the Engineer

City of Alamo Sewer Line Extension Project (Alamo Road & Nebraska Road Area)
Hidalgo County Urban County Program

A. Preliminary Phase

1. Attend preliminary conferences with the City of Alamo staff acquire available and relevant background data in respect to the project.
2. Establish the scope of topographic surveys for the design of the project.
3. Prepare a preliminary engineering report and submit to the City for review.

B. Design Phase

1. Receive electronic survey data from project surveyor and prepare background drawings for construction plans.
2. Prepare detailed construction drawings, technical specifications, and other pertinent documents for construction authorized by the City.
3. Submit plans and specifications to the appropriate agencies, other than the City, and coordinate approval process.
4. Furnish the City three (3) sets of copies of plans and specifications marked "Preliminary" for approval by the City. Upon final approval by the City, the Engineer will provide the City three (3) sets of the "Final" plans and specifications.

C. Construction Phase

1. Assist the City in conducting a pre-construction conference with City staff, Urban County staff and Construction Company.
2. Make periodic visits to the site to observe the overall progress and quality of work. Make recommendations to the City regarding materials and workmanship.
3. Conduct final inspection of the project.
4. Prepare revisions of construction drawings with the assistance of the City's personnel reflecting changes to the plans. These "As-Built" drawings shall be provided by the Engineer to the City. Three (3) sets will be provided.

Compensation

A. Preliminary Phase (15%)	\$ 3,039.30
B. Design Phase (60%)	\$ 12,157.20
C. Construction Phase (25%)	\$ 5,065.50
D. Additional Services:	
Geotechnical Testing	\$ 8,000.00
Design Surveying (To include Acquiring Easements)	\$ 15,000.00
Total	\$ 43,262.00

Hidalgo County Urban County Program

Sewer Line Extension Project (Alamo Road & Nebraska Road Area)

Proposed Project Timeline Schedule
June 25, 2025

Work Item	Duration in Months	2025												2026				
		JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR							
Item 1 - Attend preliminary conferences.	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.	1		■	■														
Item 5 - Prepare detailed drawings, technical specifications, and other pertinent documents for construction.	2		■	■	■													
Item 6 - Submit plans & specifications to City and TCEQ and coordinate approval process.	0.5					■												
Item 7 - Furnish the City with copies of plans & specifications and receive Bids for Project. Evaluate Bids and make recommendation.	2								■	■								
Item 8 - Assist the City in conducting a pre-construction conference with City staff, Urban staff and Construction Company.	0.5										■							
Item 9 - Issue notice to proceed/Prepare Construction Contract.	1.5											■	■					
Item 10 - Construction process.	3																	■
Item 11 - Prepare "As-Built" drawings to be provided by the Engineer to the City. Three (3) sets will be provided.	0.5																	■



CRUZ - HOGAN

ENGINEERS | PLANNERS

McAllen | Harlingen | Weslaco
TDPE FIRM REGISTRATION No: F - 4060



Attachment "D"
CRUZ - HOGAN

ENGINEERS | PLANNERS

TBPE Firm Reg No. F-4860

Offices

Weslaco
McAllen
Harlingen

June 20, 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 Alamo Sewer Line Extension Project
(Alamo Road & Nebraska Road Area)
Hidalgo County Urban County Program

Dear Mr. Rivera:

Enclosed is our Opinion of Probable Project Cost for the City of Alamo Sewer Line Extension Project (Alamo Road & Nebraska Road Area). Our best and final offer for Engineering Services for the above-referenced project is \$20,262.00, \$15,000.00 for Surveying which includes acquiring easements, and \$8,000.00 for Geotechnical Services for a total of \$43,262.00.

I would like to thank you for the opportunity to assist both the City of Alamo and Hidalgo County on this project. If you have any questions, please feel free to contact me at (956) 682-5022.

Sincerely,

Ronnie Cruz, P.E., CFM
Vice-President

RC/cr

Enclosures



