

HIDALGO COUNTY
Professional Engineering Services
Agreement #C-19-066-02-26

WORK AUTHORIZATION NO. 1

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of Section 4 of the Agreement made by and between **HIDALGO COUNTY**, action herein by and through the **Commissioner's Court**, 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 required for the Minnesota Road (Raul Longoria to 265' W of Cesar Chavez Rd) Road Project for Hidalgo County Precinct No. 2.

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 **\$83,280.00**. 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 Article/Part/Section **4** of the Agreement.

PART 4. FUNDING

This Work Authorization No. **1** 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.2, Commissioner, Eduardo Cantu, as to content and detail of this **Work Authorization No. 1**.

**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 _____ as indicated below and effective as of ____ day of _____, 2019.

**THE ENGINEER:
CRUZ-HOGAN CONSULTANTS, INC.**

**THE OWNER:
HIDALGO COUNTY**

By: Ronnie Cruz, P.E.

By: Richard F. Cortez, 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 County in the development of this Project.

General:

The Owner will provide to the Engineer the following:

- (1) Payment for work performed by the Engineer and accepted by the County in accordance with Article 4 of this Agreement.
- (2) Assistance to the Engineer, as necessary, to obtain the required data and information from other local, regional, State and Federal agencies that the Engineer cannot easily obtain.
- (3) Provide any available relevant data the County may have on file concerning the project.
- (4) 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 "C" attached to this Agreement.
- (5) Attend and participate in progress meetings as required and as coordinated and conducted by the Engineer.

Exhibit "B"

SCOPE OF SERVICES:

Minnesota Road Paving Project (Raul Longoria to Cesar Chavez)
Hidalgo County, Precinct No. 2

A. Preliminary Phase

1. Attend preliminary conferences with Hidalgo County Precinct No. 2 staff and 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 Hidalgo County Precinct No. 2 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 Hidalgo County Precinct No. 2.
3. Submit plans and specifications to the appropriate agencies, other than Hidalgo County Precinct No. 2, and coordinate approval process.
4. Furnish Hidalgo County Precinct No. 2 three (3) sets of copies of plans and specifications marked "Preliminary" for approval by Hidalgo County Precinct No. 2. Upon final approval by Hidalgo County Precinct No. 2, the Engineer will provide Hidalgo County Precinct No. 2 three (3) sets of the "Final" plans and specifications.

C. Construction Phase

5. Assist Hidalgo County Precinct No. 2 in conducting a pre-construction conference with Hidalgo County Precinct No.2 staff and Construction Company.
6. Make periodic visits to the site to observe the overall progress and quality of work. Make recommendations to Hidalgo County Precinct No. 2 regarding materials and workmanship.
7. Conduct final inspection of the project.
8. Prepare revisions of construction drawings with the assistance of Hidalgo County Precinct No. 2 personnel reflecting changes to the plans. These "As-Built" drawings shall be provided by the Engineer to Hidalgo County Precinct No. 2. Three (3) sets will be provided.

Exhibit "D"

**ENGINEERING FEE
HOURLY BREAKDOWN**

HIDALGO COUNTY, PRECINCT NO. 2

Engineer:	Cruz-Hogan Consultants, Inc.					
Project:	Minnesota Road Paving (Raul Longoria to Cesar Chavez)					
Owner:	Hidalgo County, Precinct No. 2					
Description:						
		Design Engineer	Project Manager	Engineering Technician	Admin/ Clerical	
TASK	DESCRIPTION					
Task No. 1	Attend preliminary conferences with Hidalgo County Precinct No. 2 staff and acquire available and relevant background data in respect to the project.	4	2		1.5	
Task No. 2	Establish the scope of topographic surveys for the design of the project.	2	2		2	
Task No. 3	Prepare a preliminary engineering report and submit to Hidalgo County Precinct No. 2 for review.	14		4	3.5	
Task No. 4	Receive electronic survey data from project surveyor and prepare background drawings for construction plans.	10	12	60		
Task No. 5	Prepare detailed construction drawings, technical specifications, and other pertinent documents for construction authorized by Hidalgo County Precinct No. 2.	75	60	240	3	
Task No. 6	Submit plans and specifications to the appropriate agencies, other than Precinct No. 2, and coordinate approval process.	8	4		4	
Task No. 7	Furnish Hidalgo County Precinct No. 2 three (3) sets of copies of plans and specifications marked "Preliminary" for approval. Upon final approval by Hidalgo County Precinct No. 2, the Engineer will provide Hidalgo County Precinct No. 2 three (3) sets of "Final" plans and specifications.	6	4		3	
Task No. 8	Assist Hidalgo County Precinct No. 2 in conducting a pre-construction conference with Hidalgo County Precinct No. 2 staff and Construction Company.	2	2		3	
Task No. 9	Make periodic visits to the site to observe the overall progress and quality of work. Make recommendations to Hidalgo County Precinct No. 2 regarding materials and workmanship.	25	40	20		
Task No. 10	Conduct final inspection of the project.	4	4			
Task No. 11	Prepare revisions of construction drawings with the assistance of Hidalgo County Precinct No. 2 personnel reflecting changes to the plans. These "As-Built" drawings shall be provided by the Engineer to Hidalgo County Precinct No. 2. Three (3) sets will be provided.	4	2	20	3	
	Hour (Sub-Total)	154	132	344	23	
		Contract Rates Per Hour	\$175.00	\$120.00	\$75.00	\$30.00
		Sub-Total Labor Cost	\$26,950.00	\$15,840.00	\$25,800.00	\$690.00

SUB-TOTAL LABOR COST	\$69,280.00
SURVEYING FEES	\$14,000.00
TOTAL ENGINEERING FEES	\$83,280.00