

**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. **9-1200-431-00-122159-D-721/841**

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**.

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.

Hidalgo County, Precinct No. 2



Minnesota Road Paving Project (Raul Longoria to Cesar Chavez)

Proposed Project Timeline Schedule
May 20, 2019

Work Item	Duration in Months	2019						2020						
		JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	
Item 1 - Hidalgo County Precinct No. 2 Contract Agreement development.	0.25	■												
Item 2 - Attend preliminary conferences.	0.25	■												
Item 3 - Establish the scope of topographic surveys for the design of the project.	0.25		■											
Item 4 - Prepare & submit a preliminary report.	0.25		■											
Item 5 - Receive electronic survey data from project surveyor & prepare background drawings for construction plans.	0.50		■	■										
Item 6 - Prepare detailed drawings, technical specifications, and other pertinent documents for construction.	1.25		■	■	■									
Item 7 - Submit plans & specifications and coordinate approval process.	0.25					■								
Item 8 - Furnish Hidalgo County Pct. No. 2 with copies of plans & specifications and receive Bids for Project. Evaluate Bids and make recommendation.	1.50					■	■	■						
Item 9 - Assist Hidalgo County Pct. No. 2 in conducting a pre-construction conference with Pct. No. 2 staff and Construction Company.	0.25							■						
Item 10 - Issue notice to proceed.	0.25									■				
Item 11 - Construction process.	3.00										■	■	■	■
Item 12 - Prepare "As-Built" drawings to be provided by the Engineer to the County. Three (3) sets will be provided.	0.50													■

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:						
TASK	DESCRIPTION	Design Engineer	Project Manager	Engineering Technician	Admin/ Clerical	
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

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
 Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

**OFFICE USE ONLY
 CERTIFICATION OF FILING**

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

Cruz-Hogan Consultants, Inc.
 McAllen, TX United States

Certificate Number:
 2019-493394

Date Filed:
 05/20/2019

Date Acknowledged:

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

Hidalgo County Precinct #2

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

C-19-066-02-26
 Work Authorization No. 1 for Professional Engineering Services

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary
	Cruz, Rolando	McAllen, TX United States	X	

5 Check only if there is NO Interested Party.

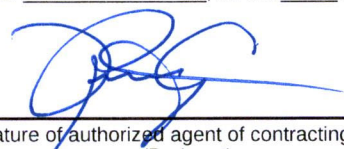
6 UNSWORN DECLARATION

My name is Rolando Cruz, and my date of birth is 09/29/1956.

My address is 605 E. Violet Avenue, Suite 1, McAllen, TX, 78504, USA.
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in Hidalgo County, State of Texas, on the 20th day of May, 20 19.
(month) (year)



 Signature of authorized agent of contracting business entity
 (Declarant)

