

HIDALGO COUNTY
Professional Engineering Services
Contract #C-19-243-07-16
Work Authorization Form

WORK AUTHORIZATION NO. 4

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of Section I.A. of the Agreement made by and between **HIDALGO COUNTY**, action herein by and through the **Commissioner's Court**, hereinafter called the "**Owner**," and, **JAVIER HINOJOSA ENGINEERING** 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 **Engineering services required for the preparation of construction plans for the proposed guard rail improvements at the following locations:**

1. Mile 3 ½ North and Los Ebanos Road (East side)
2. Mile 3 ½ North and Los Ebanos Road (West side)
3. Schuerbach Road between Mile 3 and Mile 5
4. El Flaco Chiquito Subdivision (Lemon Lane and Tangerine)
5. Community of Los Ebanos (Felix Martinez St. and Heriberto Garza St.)
6. Moorefield Road between Mile 3 and Mile 5

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 **\$4,490.00**. 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 Articles 5, 6, and 7 of the Agreement.

PART 4. FUNDING

This Work Authorization No. 4 shall be funded through funding source:

Account No. 9-12-00-451-20-283-005-0-334

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. 3 Commissioner **Joe M. Flores** as to content and detail of this Work Authorization No. #4.

HIDALGO COUNTY
COMMISSIONER PRECINCT NO. 3:

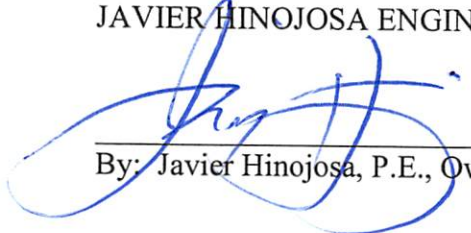
BY: 
Commissioner Joe M. Flores

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:
JAVIER HINOJOSA ENGINEERING

THE OWNER:
HIDALGO COUNTY


By: Javier Hinojosa, P.E., Owner

By: Richard 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" - Cost Proposal

EXHIBIT “A”
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 the **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 8 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”
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 Guard Rail Improvements as follows:

- Review existing conditions to develop the design criteria;
- Conduct field surveys to obtain information on existing conditions and topography on proposed site;
- Identify all existing improvements within the site;
- Develop proposed site improvements for proposed guard rails;
- 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.

EXHIBIT C
Javier Hinojosa Engineering
Engineering Contract Rates
Project: Guard Rail Improvements
Hidalgo County Precinct No. 3

Project Description: Work Authorization No. 4 Guard Rail Improvements	Project Principal	Project Engineer	R.P.L.S.	G.P.S. Survey Crew	3 Man Survey Crew	CADD/Designer	Clerical	Total Hours & Cost
Preliminary Phase	0	2	0	5	0	4	0	11
Design Phase	0	6	0	2	0	16	2	26
Construction Phase	0	2	0	3	0	0	1	6
TOTAL HOURS	0	10	0	10	0	20	3	43
RATE PER HOUR	\$225.00	\$150.00	\$145.00	\$150.00	\$110.00	\$70.00	\$30.00	
TOTAL COST	\$0.00	\$1,500.00	\$0.00	\$1,500.00	\$0.00	\$1,400.00	\$90.00	\$4,490.00

EXHIBIT "D"
Preliminary Construction Cost Estimate
Hidalgo County Precinct No. 3 Paving Improvements
Guard Rail Improvements
Prepared By: Javier Hinojosa Engineering
September 30, 2019

A. Guard Rail Improvements - Mile 3 1/2 and Los Ebanos Road (East Side)

1. Installation of Guard Rail	125	LF	@	\$21.00	=	\$2,625.00
2. Lobster Tail Ends	2	EA	@	\$100.00	=	\$200.00

Subtotal : **\$2,825.00**

B. Guard Rail Improvements - Mile 3 1/2 and Los Ebanos Road (West Side)

1. Installation of Guard Rail	75	LF	@	\$21.00	=	\$1,575.00
2. Lobster Tail Ends	2	EA	@	\$100.00	=	\$200.00

Subtotal : **\$1,775.00**

C. Guard Rail Improvements - Schuerbach Road between Mile 3 and Mile 5

1. Installation of Guard Rail	750	LF	@	\$21.00	=	\$15,750.00
2. Lobster Tail Ends	24	EA	@	\$100.00	=	\$2,400.00

Subtotal : **\$18,150.00**

D. Guard Rail Improvements - El Flaco Chiquito (Lemon Lane and Tangerine)

1. Installation of Guard Rail	100	LF	@	\$21.00	=	\$2,100.00
2. Terminal Anchor Section	2	EA	@	\$350.00	=	\$700.00

Subtotal : **\$2,800.00**

E. Guard Rail Improvements - Community of Los Ebanos (Felix Martinez St. and Heriberto St.)

1. Installation of Guard Rail	100	LF	@	\$21.00	=	\$2,100.00
2. Lobster Tail Ends	4	EA	@	\$100.00	=	\$400.00

Subtotal : **\$2,500.00**

F. Guard Rail Improvements - Moorefield Road between Mile 3 and Mile 5

1. Installation of Guard Rail	200	LF	@	\$21.00	=	\$4,200.00
2. Lobster Tail Ends	2	EA	@	\$100.00	=	\$200.00
3. Grate Inlet Extension	1	EA	@	\$1,500.00	=	\$1,500.00
4 Tie Exist. 18" Drain Line to Inlet	1	EA	@	\$1,500.00	=	\$1,500.00

Subtotal : **\$7,400.00**

Subtotal All Streets : **\$35,450.00**
Engineering and Surveying Fee : **\$4,490.00**
Contingency (10%) : **\$3,545.00**
Total : **\$43,485.00**



LOS EBANOS ROAD

LOS EBANOS ROAD

MILE 3 1/2 NORTH
AND LOS EBANOS ROAD (EAST SIDE)



JAVIER HINOJOSA ENGINEERING
CONSULTING ENGINEERS

416 E. DOVE AVENUE McALLEN, TEXAS 78504

PHONE (956) 668-1588

javhin@rgv.rr.com



MILE 3 1/2 NORTH
AND LOS EBANOS ROAD (WEST SIDE)



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CONSULTING ENGINEERS

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FELIX MARTINEZ STREET
AND HERIBERTO GARZA STREET



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