

HIDALGO COUNTY
Professional Engineering Services
Contract #C-17-329-12-19
Work Authorization Form

WORK AUTHORIZATION NO. 1

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 paving improvements for the following:**

1. Citrus Grove Street - CJRS Subdivision Units A & B

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 **\$13,500.00**. 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. 1 shall be funded through funding source:

Account No. 0-1200 - 431-60-123 - 005-0-121

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. #1.

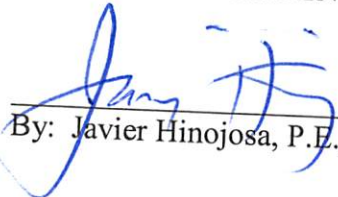
HIDALGO COUNTY
COMMISSIONER PRECINCT NO. 3:

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 _____, 2018.

THE ENGINEER:
JAVIER HINOJOSA ENGINEERING


By: Javier Hinojosa, P.E., Owner

THE OWNER:
HIDALGO COUNTY

By: Ramon Garcia, 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 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 roadways;
- Identify alignments and right of ways of proposed roadways;
- Develop typical cross sections for proposed roadway 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.

**Javier Hinojosa Engineering
Engineering Contract Rates
Project: Citrus Grove Street
Hidalgo County Precinct No. 3**

Project Description: Work Authorization No. 1 Citrus Grove Street	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	4	0	0	0	0	0	15	13	0	0	0	0	32	
Design Phase	0	20	0	0	0	0	6	49	3	0	0	0	78		
Construction Phase	0	7	0	0	0	0	12	10	3	0	0	0	32		
TOTAL HOURS	0	31	0	0	0	0	33	72	6	0	0	0	142		
RATE PER HOUR	\$225.00	\$150.00	\$145.00	\$150.00	\$110.00	\$70.00	\$30.00								
TOTAL COST	\$0.00	\$4,650.00	\$0.00	\$3,630.00	\$5,040.00	\$180.00	\$13,500.00								

EXHIBIT "D"
Preliminary Construction Cost Estimate
Hidalgo County Precinct No. 3
Citrus Grove Street - CJRS Subdivision Units A & B
Prepared By: Javier Hinojosa Engineering
February 14, 2018

A. Citrus Grove Street (CJRS Subdivision Units A & B)

1 Unc. Excavation	2,500 CY	@	\$5.00	=	\$12,500.00
2 Subgrade Preparation	4,700 SY	@	\$2.50	=	\$11,750.00
3 8" Caliche Base	4,700 SY	@	\$7.50	=	\$35,250.00
4 1 1/2" HMAC (Type "D")	4,200 SY	@	\$12.00	=	\$50,400.00
5 18" RCP Culverts	70 LF	@	\$25.00	=	\$1,750.00
6 15" ADS Culverts	400 LF	@	\$20.00	=	\$8,000.00
7 Grade Bar Ditches	2,700 LF	@	\$2.00	=	\$5,400.00
8 Safety End Treatments	2 EA	@	\$1,500.00	=	\$3,000.00
9 Asphalt Driveways	12 EA	@	\$400.00	=	\$4,800.00
10 Concrete Driveway	3 EA	@	\$800.00	=	\$2,400.00

Subtotal Citrus Grove Street : \$135,250.00

Subtotal	:	\$135,250.00
Engineering Fee	:	\$13,500.00
Contingency (10%)	:	\$13,525.00
Laboratory Testing	:	\$4,057.50
Total	:	\$166,332.50