

# HIDALGO COUNTY

## General Engineering Services

Contract # C-06-313-09-05

## 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, **TEDSI Infrastructure Group** professional engineers of Mission, Texas, hereinafter called "**Engineer**".

#### **PART 1. SCOPE OF WORK**

The purpose of this Work Authorization is for the **Engineer** to provide feasibility studies for five roadways within the jurisdiction of Precinct #1, City of Weslaco and Hidalgo County Drainage District No. 1. The five roadways to be studied are as follows.

1. Mile 6 West – Mile 9 to Mile 11 North
2. Mile 6 North Airport to FM 1015
3. Bridge St. – Mile 5 North to 18<sup>th</sup> St.
4. Border St. – Mile 5 North to 18<sup>th</sup> St.
5. Mile 5 North – FM 1015 to Mile 7 West

The scope of services to be provided by the **Owner** is identified in **ATTACHMENT "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 **ATTACHMENT "B"** – *Scope of Services to be Provided by the Engineer* attached hereto.

#### **PART 2. ESTIMATED COST**

The Lump Sum cost for services under this Work Authorization is \$50,000.00. 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 5 & 6 of the Agreement.

#### **PART 4. FUNDING**

This Work Authorization No. 1 shall be funded through funding source:

Account No. 6-1201-431-00-121-038-0-334

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 or November 30, 2006.

**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. 1, Commissioner Sylvia Handy as to content and detail of this Work Authorization No. # 1.

HIDALGO COUNTY  
COMMISSIONER PRECINCT NO. 1:

BY: *Sylvia Handy*

**PART 8. ACCEPTANCE AND APPROVAL**

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on        (DATE) as indicated below and effective as of        day of       , 2006.

THE ENGINEER:  
TEDSI INFRASTRUCTURE GROUP

*Mark W. Eupher*  
By: Mark W. Eupher, P.E., RPLS

THE OWNER:  
HIDALGO COUNTY

*Ramon Garcia*  
By: Ramon Garcia, County Judge

ATTEST:

*Eddy Trevino*  
By: Eddy Trevino-Acting County Clerk

Approved by Commissioners' Court  
on 9-5-06

**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

**ATTACHMENT "A"**  
Services to be Provided by the Owner

The following provides an outline of the services to be provided by the Owner in the development of the Various Roadway & Drainage Improvements for five projects consisting of:

- 1) Mile 6 West – Mile 9 to Mile 11 North
- 2) Mile 6 North Airport to FM 1015
- 3) Bridge St. – Mile 5 North to 18<sup>th</sup> St.
- 4) Border St. – Mile 5 North to 18<sup>th</sup> St.
- 5) Mile 5 North – FM 1015 to Mile 7 West

The Owner will provide to the Engineer the following:

- 1) Authorization to the Engineer to begin work.
- 2) Payment for work performed by the engineer.
- 3) Assistance to the Engineer, as necessary, to obtain required data and information from other local, regional, and state agencies that the Engineer cannot easily obtain.
- 4) Provide any available relevant data that may on file concerning the Projects.
- 5) Provide timely review and decisions in response to the Engineers request for information and/or submittals and deliverables.
- 6) Attend and participate in progress meetings as required and as coordinated and conducted by the Engineer.
- 10) Provide assistance to Engineer where necessary and possible with Owner information/resources to ensure project is completed within timely/efficient basis.

## **ATTACHMENT "B"**

### **Services to be Provided by the Engineer**

#### **GENERAL**

This work authorization is to provide Feasibility Studies for the proposed ultimate widening of the roadways identified in Exhibit "A" attached hereto. The **Engineer** shall provide these services in accordance with Design Criteria associated with Hidalgo County & the City of Weslaco. The following tasks shall be provided by the **Engineer**.

The work to be furnished by the Engineer shall consist of management and general engineering services for Various Roadway & Drainage Improvements associated with Feasibility Studies on the following five roads: 1) Mile 6 West – Mile 9 to Mile 11 North; 2) Mile 6 North Airport to FM 1015; 3) Bridge St. – Mile 5 North to 18<sup>th</sup> St.; 4) Border St. – Mile 5 North to 18<sup>th</sup> St., 5) Mile 5 North – FM 1015 to Mile 7 West in Precinct #1. The work shall be developed in accordance with the Owner and applicable design standards and in a format acceptable to the owner, and reviewing agencies.

**TASK I** – The **Engineer** shall obtain all existing right-of-way maps, storm sewer, water line, sanitary sewer and public & private utility company plans for locating existing conditions.

**TASK II** – The **Engineer** shall determine future 20 yr. Traffic Volume projections and recommend a typical roadway section and storm drainage relief for each identified roadway identified in Exhibit "A".

**TASK III** – The **Engineer** shall coordinate with the City of Weslaco, Hidalgo County Drainage District No. 1 and Hidalgo County Precinct #1 for future upgrades and modifications to water lines, wastewater lines and storm drainage outfall requirements associated with the aforementioned roadways.

**TASK IV** – The **Engineer** shall develop conceptual layouts at a scale of 1" = 50' horizontal to depict the proposed improvements on an aerial mosaic provided by the **Owner**.

**TASK V** – The **Engineer** shall compile an Estimated Construction Cost Estimate for each roadway listed in Exhibit "A".

**TASK VI** – The **Engineer** shall identify various potential funding sources to contact for funding assistance.

**ATTACHMENT "C"**  
**Work Schedule**

		2006			
ITEM #	TASK DESCRIPTION	August	September	October	November
1	Notice to Proceed				
2	Data Collection Services / ROW / Utilities				
3	Compiling data from Field Crews / Estimates				
4	Final Feasibility Report				

ATTACHMENT "D1"

I. ENGINEERING MANAGEMENT:

	QA/QC Mgr.	Sr. Proj. Mgr.	Sr. Engr.	Proj. Engr.	Sr. Engr. Designer	Engr. Designer	Sr. Engr. Tech.	Cadd Tech.	Clerical	Total # Hours
1) Precinct No. 1, Westaco and HCDD#1 Interviews	2	2	2	6	0	0	0	0	8	
2) Data Collection Services/ROW/ Utilities	2	2	4	12	32	40	40		40	
3) Compiling data from Field crews/Estimate	1	3	4	18	40	30			12	
4) Final Feasibility Report	2	4	4	18	40	20	4	4	12	
	7	11	14	54	112	102	60	4	72	435
Sub-Total	\$1,429,26	\$2,045,45	\$2,382,24	\$8,205,84	\$13,611,36	\$10,864,10	\$5,273,00	\$296,64	\$4,813,92	\$49,721,81
Total Labor	\$1,429,26	\$2,045,45	\$2,382,24	\$8,205,84	\$13,611,36	\$10,864,10	\$5,273,00	\$296,64	\$4,813,92	\$49,721,81

Direct Cost:

Mileage \$0,46M. \$278.19

Total Direct Cost \$278.19

TOTAL WA#1 Amount

\$278.19  
\$50,000.00