

HIDALGO COUNTY
Professional Engineering Services
Contract # C-07-051-02-06
Work Authorization Form

WORK AUTHORIZATION NO. 10

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of Section I.G. 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 submit **30** intersection locations as candidates for funding under the "2010 Federal Hazard Elimination Safety (HES) Funding Program". A list of the intersections is attached to this document.

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

PART 2. LUMP SUM COST

The estimated cost for services under this Work Authorization is **\$ 90,000.00**.

Any additional service not identified in the scope of services will be subject to negotiation of additional fees.

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 II, Item G and Article/Part/Section V of the Agreement.

PART 4. FUNDING

This Work Authorization No.10 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 Judge J.D. Salinas III as to content and detail of this Work Authorization No. # 10.

HIDALGO COUNTY
JUDGE.


BY: _____

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved and Noticed to Proceed issued by Hidalgo County Commissioners' Court on _____ as indicated below and effective as of _____ day of _____, 2008.

THE ENGINEER:
TEDSI INFRASTRUCTURE GROUP

THE OWNER:
HIDALGO COUNTY


By: Eric R. Dietrich, P.E., Project Manager

By: J.D. Salinas, County Judge

ATTEST:

By: Arturo Guajardo, Jr. - County Clerk

ATTACHMENT

ATTACHMENT "A" - Services to be Provided by the Engineer

**2008 HES (CAT 8) CANDIDATES
(REGULAR HES)**

HIDALGO COUNTY PCT. NO 1

NO.	LOCATION
1	MILE 11 & CR MILE 4
2	MILE 2 & CR MILE 12
3	MILE 4 & CR MILE 12
4	MILE 6 & CR MILE 11
5	MILE 6 1/2 & CR MILE QUINTER
6	MILE 10 & CR MILE 4
7	MILE 10 & CR VICTORI
8	MILE 4 & CR MILE 1
9	MILE 5 1/2 & CR LANTANA

HIDALGO COUNTY PCT. NO 2

NO.	LOCATION
10	CESAR CHAV & CR ELDORA
11	HALL ACRES & CR ANDES
12	TOWER & CR SIOUX
13	LAS MILPAS & CR SAN JUA

HIDALGO COUNTY PCT. NO 3

NO.	LOCATION
14	BRYAN & CR 8 MILE

HIDALGO COUNTY PCT. NO 4

NO.	LOCATION
15	TOWER & CR CANTON
16	HOEHN & CR MILE 17
17	TERRY & CR MILE 17
18	MILE 17 & CR TOWER
19	DOOLITTLE & CR DAVIS
20	TOWER & CR TEXAS
21	TRENTON & CR LOPEZ
22	CESAR CHAV & CR ALBERTA
23	HOEHN & CR ROGERS
24	DOOLITTLE & CR RAMSEYE
25	CESAR CHAV & CR MILE 17
26	VAL VERDE & CR MILE 20
27	LIPSEY & CR SKINNER
28	TRENTON & CR TWIN
29	SEMINARY & CR CEDRO
30	TOWER & CR CURRY

EXHIBIT "A"
SCOPE OF SERVICES
FOR
2010 FEDERAL HAZARD ELIMINATION SAFETY (HES) PROJECT
HIDALGO COUNTY, TEXAS

Purpose:

The purpose of this project is to identify eligible projects that are cost effective and have potential for funding through TxDOT's 2010 Federal Hazard Elimination Safety (HES) Funding Program.

The scope of work and associated fees for this project is based on the following items:

- a. Hidalgo County provided TEDSI INFRASTRUCTURE GROUP (TEDSI) a list of accidents occurred from 2005 to 2007 within Hidalgo County.
- b. TEDSI evaluated the list and identified 30 locations with potential to be funded.
- c. TEDSI will submit funding applications to TxDOT for these 30 locations and provide copies to Hidalgo County.
- d. TEDSI shall develop existing condition diagrams and future condition diagrams that depict the proposed improvements for each project.
- e. This scope of service includes attendance of up to two meetings by TEDSI to report on this project and/or address questions.
- f. This scope of service does not include traffic-engineering design services.
- g. Additional services will be provided upon request.

TEDSI INFRASTRUCTURE GROUP

June 4, 2008

Hon. JD Salinas III - Hidalgo County Judge.
County Judge Office
100 E. Cano 2nd Floor
Edinburg, Texas 78540

**RE: Hidalgo County Contract #C-07-051-02-06
Work Authorization # 10 – Submittal of Hidalgo County funding candidate locations for the
2010 Federal Hazard Elimination (HES) Program.**

Dear Judge Salinas:

TEDSI Infrastructure Group (TEDSI) is pleased to submit this proposal to Hidalgo County for services relating to the Submittal of funding candidates for the 2010 Federal Hazard Elimination (HES) Program. It is proposed that this project be performed as part of the existing traffic evergreen contract between TEDSI and Hidalgo County.

TEDSI will perform these services as detailed in the attached "Attachment A" – Scope of Services.

SCHEDULE

TxDOT is requesting submittal of all requested information for the candidates no later than June 20, 2008.

COMPENSATION

TEDSI has identified thirty (30) candidate locations with real good possibilities of being favored by the program. The minimum benefits obtained from resulting selected to install a flashing beacon at the proposed location is approximately \$60,000 per location (If all locations are selected, this would represent a total benefit of \$1,800,000 worth of funding for the County). TEDSI's lump sum fee to prepare and submit to TxDOT the program's requested forms, exhibits and additional information for 30 intersection candidates is **\$90,000.00**.

I can assure you of our personal service, total commitment and timely response towards you on this Project.

If you have any questions or require additional information, please do not hesitate to call.

If it is your desire to proceed with this project, please sign the attached work authorization documents and return for further processing.

Sincerely

TEDSI INFRASTRUCTURE GROUP



Eric R. Dietrich, P.E., P.T.O.E
Project Manager
Attachments: As Stated.

Tel: 956/424-7898 + **TEDSI** + Fax: 956/424-7021

2010 FEDERAL HES FUNDING PROGRAM

GENERAL

The Texas Department of Transportation (TxDOT) has a program call for candidates for the 2010 Federal Hazard Elimination Safety (HES) Funding Program.

This HES Program call, with a deadline of **July 15, 2008**, affords cities and counties such as Hidalgo County an opportunity to apply for funding of projects that eliminate hazards and improve overall safety on our local roadways. Applications for this funding program require a wide array of information including copies of accident reports that confirm the type of accident that the improvement will correct. The funding program is mostly based on this.

Eligible projects include improvements such as for overhead flashing beacons, traffic signals, signing, roadside obstacles and barriers, resurfacing and roadway lighting, pavement markings and roadway work.

The funding program covers 90% of the construction costs and a **10% local participation** is required. However, since Hidalgo County is considered an economically disadvantaged county, the County would be eligible for a reduction of the 10% local match for all projects it receives funding for.

PROJECT TASKS

In order to identify and submit eligible, cost effective project applications, TEDSI will adhere to TxDOT's Hazard Elimination Program Manual. TEDSI will accomplish the following tasks in completing this project:

Review of Accident Reports

TxDOT will provide TEDSI with the accident reports for the 30 intersections identified. This data will be used in computing a Safety Improvement Index (SII).

Identify Required Projects

TEDSI will identify the cause of the accidents and will develop a list of recommended projects. The improvements will be consistent with those required to prevent the type of crashes found for each of the locations analyzed. The projects will include improvements such as a) flashing beacons and b) traffic signals.

Develop Estimated Cost

TEDSI will develop a construction cost estimate for each of the recommended projects. The estimate will be broken into five different components including the main component, ROW, Mobilization/Barricade, Traffic Control Signs, and Traffic Handling, Inflation Factor, and the total of each of these.

Compute the Safety Improvement Index (SII)

TEDSI will calculate the safety improvement index (SII) for each proposed project. The SII will be calculated using TxDOT's Formula, which in its most basic form is the ratio of the

cost of the crashes that have occurred at a location to the cost of constructing the proposed improvement. The formula incorporates adjustments to provide additional benefit for locations experiencing increasing traffic over the life of the project, improvements that will reduce maintenance cost, and projects expected to have long service lives over which construction costs can be amortized.

Traffic Signal Warrant Studies

Some projects may include the installation of traffic signals. TEDSI will identify locations with sufficient ADT as to meet signal warrant criteria. These projects require that traffic signal warrant studies, be included with the applications for these. TEDSI will perform traffic signal warrant studies and include the traffic signal warrant forms for each project that satisfied the warrants.

Prepare Off-System SER Form

TEDSI will complete an off-system safety evaluation report (SER) for each eligible, cost effective project to be submitted for funding. TxDOT requires one form for each project to be submitted for funding. Information such as the location of the project, functional classification, correctable crash data, present (derived from existing maps and other sources), future and projected ADT, problem statement, proposed corrective action, and estimated cost will be completed by TEDSI for each SER prepared.

Develop Existing and Proposed Condition Diagrams

TEDSI will conduct an actual field investigation of each of the proposed project sites. This field investigation will enable TEDSI to develop an existing condition diagram for each of the projects to be submitted for funding consideration. In addition, TEDSI will develop a diagram of the proposed improvements that will illustrate the basic design elements that impact the construction cost estimate for each of the projects.

DELIVERABLES AND SCHEDULE

Although the program deadline is July 15, 2008, TEDSI will submit all funding applications by **June 20, 2008** as requested by TxDOT Pharr District. TEDSI shall deliver TxDOT Pharr District and Hidalgo County two (1) copy each of all HES funding applications.

ADDITIONAL SERVICES

TEDSI, at the written request of Hidalgo County will provide additional services for any work not specifically stated in this scope of services and this will be subject to negotiation.

Leticia Saenz

From: Sergio Cruz [sergio.cruz@co.hidalgo.tx.us]
Sent: Thursday, June 12, 2008 10:40 AM
To: leticia.saenz@co.hidalgo.tx.us
Subject: FW: 2010 Federal Hazard Elimination (HES) Funding Program
Importance: High

Letty,

Attached is the work authorization with TEDSI that needs to be placed on the Commissioners Court for June 17, 2008. The account number for payment will be 8-1100-429-30-115-029-0-334.

Thank you,

Sergio Cruz
Manager, Strategic Planning Section
Department of Budget & Management - Budget Division
2818 South Business Highway 281
Edinburg, TX 78539
(956) 292-7025 phone
(956) 292-7035 fax
sergio.cruz@co.hidalgo.tx.us

From: Roxanne De la Garza [mailto:roxanne.delagarza@hidalgocountyjudge.com]
Sent: Wednesday, June 11, 2008 4:49 PM
To: sergio.cruz@co.hidalgo.tx.us
Subject: FW: 2010 Federal Hazard Elimination (HES) Funding Program
Importance: High

Good afternoon Sergio, attached please find a copy of the information that was provided to our office by TEDSI. Please identify the funds necessary to enter into a work authorization with TEDSI and place on the Commissioners Court for June 17, 2008. Please let us know if you have any questions. Thank you!

From: Eric Dietrich [mailto:EDietrich@tedsi.com]
Sent: Wednesday, June 11, 2008 4:13 PM
To: Roxanne De la Garza
Cc: Jesse Salinas; Craig Stong
Subject: RE: 2010 Federal Hazard Elimination (HES) Funding Program
Importance: High

Sure Roxanne.

Attached please find the requested pdf.

Thank you and have a nice day.

Eric R. Dietrich, P.E., P.T.O.E.
Project Manager
TEDSI Infrastructure Group

6/12/2008