

HIDALGO COUNTY
Professional Engineering Services
Contract # C-06-251-08-15
Work Authorization Form

Work Authorization No. 9

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of Article 1. of the Agreement made by and between the **HIDALGO COUNTY**, acting herein by and through Commissioner's Court, hereinafter called the "**Owner**," and, **R. GUTIERREZ ENGINEERING CORPORATION**, professional engineers of Pharr, Texas, hereinafter called "**Engineer**".

PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the **Engineer** to provide engineering services for the design and construction of South Tower Park in Hidalgo County Precinct No. 2. The project is located on south Tower Road approximately 0.25 miles north of Rancho Blanco Road.

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 not to exceed **\$68,329.00.** A detailed breakdown of the amount to be paid is more particularly described in **Exhibit D – Proposed Fee**. The actual amount payable for services under this Work Authorization will be in accordance with Article 5.

PART 3. PAYMENT

Payment to the **Engineer** for the services established under this Work Authorization shall be made in accordance with Article 8.

PART 4. FUNDING

This Work Authorization No. 9 shall be funded through funding source:

Account No. 7-1212-452-00-122-008-0-739

Requisition No. _____ (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 shall terminate upon completion of the scope of services of the work as provided in Article 3.

PART 6. RESPONSIBILITIES AND OBLIGATIONS

This Authorization does not waive the parties' responsibilities and obligations provided under the Agreement.

PART 7. ACCEPTANCE AND ACKNOWLEDGEMENT

This Work Authorization is hereby accepted and acknowledged as indicated below and effective as of ___ day of _____, 2007.

ENGINEER:

R. Gutierrez Engineering Corporation

By: Ramiro Gutierrez
Name: Ramiro Gutierrez, P.E.
Title: President

OWNER:

COUNTY OF HIDALGO

By: _____
Name: Hector "Tito" Palacios
Title: Commissioner Pct. No. 2

By: _____
Name: Juan D. Salinas
Title: County Judge

LIST OF ATTACHMENTS

- EXHIBIT A – Services to be Provided by the Owner
- EXHIBIT B – Services to be Provided by the Engineer
- EXHIBIT C – Work Schedule
- EXHIBIT D – Fee Estimate

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EXHIBIT 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 **Project**.

General

The **Owner** will provide to the **Engineer** the following:

- (1) Payment for work performed by the **Engineer** and accepted by the **Owner** in accordance with Article 5 and Article 6, both 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 **Owner** 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.
- (5) Attend and participate in progress meetings as required and as coordinated and conducted by the **Engineer**.

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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 provide to the **Owner** the following:

The **Engineer** shall render specific engineering services for the development of the **Project** and fulfillment of this Agreement as follows:

PART I – PRELIMINARY ENGINEERING

The **Engineer** will perform, or provide for, professional engineering and surveying services for the preliminary engineering part of the development of the South Tower Park. The engineer will develop preliminary layouts of the proposed improvements and review them with **Owner** and the City of Alamo for the purpose of obtaining the necessary approvals to construct the project. The engineer will establish horizontal and vertical control for use in developing the **Project**. The **Engineer** will develop a final schematic design of the proposed project improvements.

PART II – PLANS, SPECIFICATIONS & ESTIMATE

The **Engineer** will develop detailed design drawings of the proposed improvements for the park project. The design services will include sanitary sewer, water, drainage, grading, paving and dimensional control plans.

The **Engineer** will prepare a cost estimate of the parts of the work developed by the **Engineer** for the **Owner** to plan for and bid those parts of the work.

The **Engineer** will prepare bid documents for the parts of the work designed by the **Engineer** and will assist the County with the advertising and bid opening process for the project. The **Engineer** will evaluate the bids received and make a recommendation to the County as to the awarding of the project to the lowest responsive bidder.

EXHIBIT "C"

WORK SCHEDULE

	2007											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
South Tower Park												
Preliminary Engineering												
Plans, Specifications and Estimate												

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EXHIBIT D
Fee Proposal

Payment for services provided under this Work Authorization will be on the basis of hourly rates established and identified herein plus 10% and reimbursement for direct non-labor expenses established and identified herein plus 10% and sub-consultant expense at invoice cost plus 10%.

LABOR HOURLY RATES:

Position/Title	FY 2007 Hourly Rate	FY 2008 Hourly Rate
Principal	\$ 269.44/HR	\$ 282.92/HR
Project Manager	\$ 192.46/HR	\$ 202.09/HR
Senior Engineer	\$ 138.57/HR	\$ 145.50/HR
Engineer	\$ 107.78/HR	\$ 113.17/HR
Graduate Engineer	\$ 92.38/HR	\$ 97.00/HR
Senior Engineering Tech	\$ 80.07/HR	\$ 84.08/HR
CADD-Design Technician	\$ 64.05/HR	\$ 67.26/HR
Clerical	\$ 58.51/HR	\$ 61.44/HR
Survey Crew (3-man)	\$131.25/HR	\$137.82/HR

NON-LABOR EXPENSES:

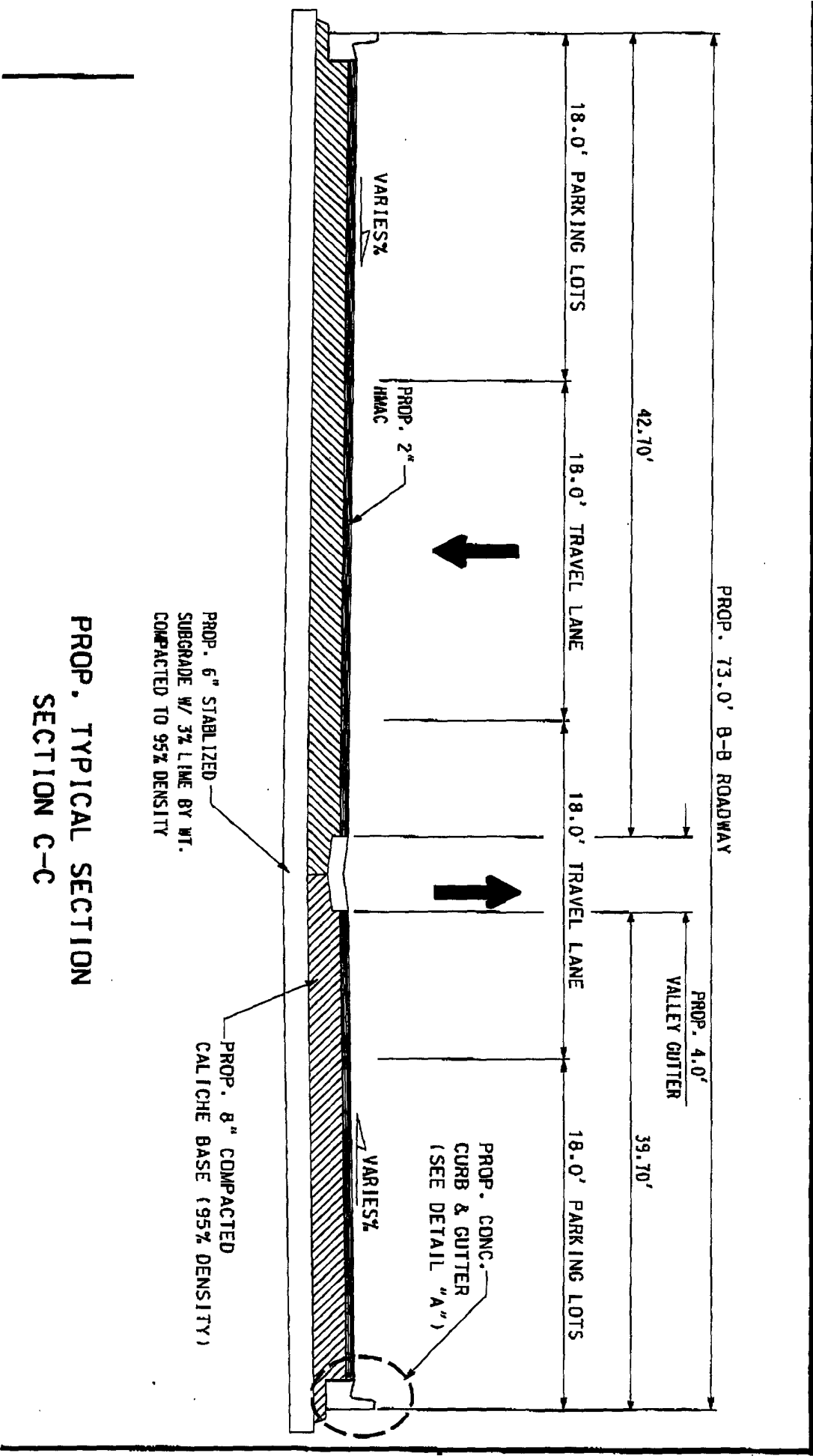
Mileage (in State)	\$ 0.45 / mile
Car Rental (in State)	At Cost
Lodging (in State)	At Cost
Meals (in State)	At Cost
Air Travel	At Cost
All Expenses for Out-of-State Travel	At Cost
Overnight Carrier Cost	\$ 20 / letter
Copies (8 1/2" x 11")	\$.15 / copy
Bond Plots	\$ 0.75 / Sq Ft
Color Plots	\$ 2.00 / Sq Ft
Mylar Plots	\$ 2.50 / Sq Ft

R. Gutierrez Engineering Corporation**Statement of Probable Cost**

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Description: Plan Estimate
 Project: SOUTH TOWER PARK
 By: Miguel A Huitron
 Date: 05/23/07

ITEM NO.	DESC. CODE	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST
ROADWAY QUANTITIES						
110	2001	Excavation (Roadway)	CY	2935.00	\$6.00	\$17,610.00
132	2006	Embankment (final)(dens. Cont.)(Ty "C")	CY	0.00	\$5.00	\$0.00
164	2023	Cell Fbr Mich Seed (Perm)(Rural)(Clay)	SY	0.00	\$0.15	\$0.00
164	2029	Cell Fbr Mich Seed (Temp)(Warm)	SY	0.00	\$0.15	\$0.00
168	2001	Vegetative Watering	MG	0.00	\$10.00	\$0.00
204	2003	Sprinkling (Dust Control)	MG	0.00	\$7.00	\$0.00
247	2225	Fl Bs (Rdwy Del)(Ty E Gr 4)(Final Pos)	CY	1925.00	\$18.00	\$34,650.00
260	2010	Lime Treat(New Base)(8")	SY	8610.00	\$1.50	\$12,915.00
260	2011	Lime Trt (Exst Matl)(6")	SY	8805.00	\$1.50	\$13,207.50
260	2016	Lime (Hyd. Com. Or QK)(Slurry)	TON	72.00	\$102.00	\$7,344.00
310	2001	Asphalt Emulsion Prime	Gal	2348.00	\$2.40	\$5,635.20
341	2103	D-GR HMA (QCQA) Ty-D SAC-A Pg64-22	TON	895.00	\$52.00	\$46,540.00
402	2001	Trench Excav Protection	LF	272.00	\$2.50	\$680.00
464	2089	RC Pipe (Sewer)(CL III)(18 IN)(SPL)	LF	1618.00	\$42.00	\$67,956.00
464	2090	RC Pipe (Sewer)(CL III)(24 IN)(SPL)	LF	696.00	\$46.00	\$32,016.00
464	2091	RC Pipe (Sewer)(CL III)(30 IN)(SPL)	LF	272.00	\$52.00	\$14,144.00
465	2012	Inlet (TY) A	EA	2.00	\$2,800.00	\$5,600.00
465	2103	Inlet Ty "C"	EA	21.00	\$2,800.00	\$58,800.00
500	2001	Mobilization	LS	1.00	\$60,000.00	\$60,000.00
506	2017	Construction Exits (Install)(TY 2)	SY	84.00	\$20.00	\$1,680.00
506	2019	Construction Exits (Remove)	SY	84.00	\$10.00	\$840.00
506	2026	Fmt End Loader Work (Ersn & Sedm Cont)	HR	12.00	\$75.00	\$900.00
506	2034	Temporary Sediment Control Fence	LF	828.00	\$4.00	\$3,312.00
529	2012	Conc. Curb & Gutter (Ty A)(Barrier)	LF	3490.00	\$9.00	\$31,410.00
529	2028	Conc. Curb & Gutter (Ty A)(Valley Gutter)	LF	392.00	\$40.00	\$15,680.00
529	2032	Conc. Curb (Trail)	LF	6806.00	\$9.00	\$61,254.00
531	2015	Conc. Sidewalks (4")	SY	1339.00	\$35.00	\$46,865.00
531	2015	Walking Trail	SY	3189.00	\$35.00	\$111,615.00
TOTAL CONSTRUCTION COST FOR EXTENTION						\$650,653.70



**PROP. TYPICAL SECTION
SECTION C-C**