

HIDALGO COUNTY
Professional Engineering Services
Contract # C-CAP-08-025-09-02
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, **Millennium Engineers Group, Inc.**, professional engineers of Edinburg, Texas, hereinafter called "**Engineer**".

PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the **Engineer** to provide

Geotechnical Engineering Services and Construction Materials Testing for the Border Colonia Access Program Round 3 at Foster Subdivision, Hacienda De Los Vegas, Hoen Drive Subdivision, Lakeview Subdivision, Las Brisas, Seminary Village Subdivision, Trenton Terrace, Colonia Esperanza #1, La Flor Estates, La Flor Gardens and Laborsita. Projects are located in Precinct #4.

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 **\$67,718.31**. 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/Part/Section ____** of the Agreement.

PART 4. FUNDING

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

Account No. 9-1312-431-00-124-XXX-339

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 #4**, Commissioner Oscar L. Garza Jr. as to content and detail of this **Work Authorization No. 1**

HIDALGO COUNTY COMMISSIONER PRECINCT #4

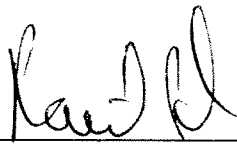
BY: Oscar L. Garza Jr.

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 _____, 2009.

THE ENGINEER:

**THE OWNER:
HIDALGO COUNTY**



By: Raul Palma

**By: Juan D. Salinas, III,
County Judge**

ATTEST:

By: Arturo Guajardo, Jr., County Clerk

LIST OF ATTACHMENTS

- ATTACHMENT "A" - Services 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 OWNER/COUNTY

The following provides an outline of the services to be provided by the **Owner** in the development of **Projects** (as defined and more particularly indentified in **EXHIBIT "B"** attached to this Agreement).

General

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

- (1) Provide the authorization to proceed with services through coordination with the project consulting and design Engineer.
- (2) Payment for work performed by the **Engineer** and accepted by the **Owner** in accordance with Article 3 of this Agreement.
- (3) 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.
- (4) Provide any available relevant data the **Owner** may have on file concerning the projects.
- (5) 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 work schedule agreed upon.
- (6) Attend and participate in progress meetings as required and as coordinated and conducted by the **Engineer**.
- (7) Provide the authorization to proceed with services on project by project basis through consulting design and construction engineer.

EXHIBIT "B"
SCOPE OF SERVICES
TO BE PROVIDED BY THE ENGINEER

The services to be provided by the ENGINEER in providing geotechnical engineering services, construction materials testing services, construction inspection services and environmental services for Hidalgo County Projects is as follows:

A. Preliminary Phase:

- (1) Attend preliminary conferences with the OWNER and, if requested, with the funding agency and other government agencies or interested parties regarding the Project.
- (2) Provide for the necessary geotechnical investigation and testing necessary to develop the design.
- (3) Provide environmental studies as may be necessary to complete a project.
- (4) Provide assistance to the OWNER in providing material requirements and specifications for design, construction and maintenance projects.
- (5) Provide assistance to the OWNER in providing pavement design recommendations for the design, construction and maintenance projects.
- (6) Provide assistance to the OWNER in providing pavement rehabilitation recommendations for the design, construction and maintenance projects.
- (7) Provide assistance to the OWNER in providing pavement condition studies.

B. Design Phase:

- (1) Attend the OWNER'S and respective Party's meeting as requested for the purpose of explaining geotechnical investigation report recommendations and preliminary testing results and their impact to proposed design activities.
- (2) Perform any additional geotechnical investigations, testing and environmental studies necessary to collect information required in the design of the Project.
- (3) Provide assistance to the OWNER in providing material requirements and specification for design, construction and maintenance projects.
- (4) Provide assistance to the OWNER in providing pavement design recommendations for the design, construction and maintenance projects.
- (5) Provide assistance to the OWNER in providing pavement rehabilitation recommendations for the design, construction and maintenance projects.
- (6) Provide assistance to the OWNER in providing pavement condition studies.
- (7) Furnish the OWNER all necessary reports for preliminary design, design, construction and maintenance projects.

C. Construction/Maintenance Phase:

- (1) Attend the OWNER'S and respective Party's pre-construction and construction meetings as requested for the purpose of explaining geotechnical investigation report recommendations and preliminary testing results and their impact to proposed construction activities and establish coordination and lines of communication for proposed construction materials testing during construction activities.
- (2) Consult and advise with the OWNER during construction.
- (3) Provide construction materials testing for construction and maintenance projects as required by the project plans and specifications and/or specified by the project design engineer.
- (4) Review all material designs as requested by the OWNER and/or project design engineer.
- (5) Furnish the OWNER all necessary reports for construction and maintenance projects.
- (6) Provide construction inspection services as requested by the OWNER on construction and maintenance projects

ATTACHMENT "C"

Work Schedule

Millennium Engineers Group, Inc. will go out to site on an as-needed basis to perform testing services. Services will be provided as requested by project personnel. A 24-hour notice will be required from project personnel.

ATTACHMENT "D"

"Proposal"

1312 BORDER COLONIA ACCESS PROGRAM ROUND 3

Proposal Number	Account Number / Description
09-42	9-1312-431-00-124-274-0-339 FOSTER SUBDIVISION-OTHER PROF SERVICES
09-43	9-1312-431-00-124-300-0-339 HACIENDA DE LOS VEGAS-OTHER PROF SERVICE
09-44	9-1312-431-00-124-329-0-339 HOEN DRIVE SUBD-OTHER PROFESSIONAL SRVS
09-45	9-1312-431-00-124-401-0-339 LAKEVIEW SUBDIVISION-OTHER PROF SERVICES
09-46	9-1312-431-00-124-406-0-339 LAS BRISAS-OTHER PROFESSIONAL SERVICES
09-47	9-1312-431-00-124-657-0-339 SEMINARY VILLAGE SUBD-OTHER PROF SRVS
09-48	9-1312-431-00-124-752-0-339 TRENTON TERRACE-OTHER PROF SERVICES
09-49	9-1312-431-00-124-844-0-339 COL ESPERANZA #1-OTHER PROF SERVICES
09-50	9-1312-431-00-124-882-0-339 LA FLOR ESTATES-OTHER PROF SERVICES
09-51	9-1312-431-00-124-883-0-339 LA FLOR GARDENS-OTHER PROF SERVICES
09-52	9-1312-431-00-124-886-0-339 LABORSITA-OTHER PROF SERVICES

**1312 BORDER COLONIA ACCESS PROGRAM ROUND 3
9 YEAR**

Millennium Engineers Group, Inc.

PO Box 4569

Edinburg, Texas 78540-4569

Proposal

Date	Proposal No.
3/17/2009	09-42

Name / Address
Hidalgo County Precinct 4 Commissioner Oscar Garza 1102 N. Doolittle Rd Edinburg, Texas 785418

Project

Description	Qty	Cost	Total
FOSTER SUBDIVISION			
Atterberg Limits	2	59.00	118.00
Gradation (Dry)	1	45.00	45.00
Washed Sieve Analysis	1	50.00	50.00
Standard Proctor	1	175.00	175.00
Field Density (Soils)	20	20.00	400.00
Asphalt Density (In-Place, Cores)	1	20.00	20.00
Wet Ball Mill	1	160.00	160.00
Asphalt Cores	6	50.00	300.00
Asphalt Density (In-Place, Cores)	6	20.00	120.00
Extraction, Grad. and % Asphalt	1	225.00	225.00
Bituminous Mix Theoretical SPG	1	55.00	55.00
Bitumounous Compacted Specimen SPG (Lab Density)(3 Ea)	1	20.00	20.00
Concrete Specimen (Compression)	5	15.00	75.00
Stability	1	85.00	85.00
Vehicle Trip Charge	8	30.00	240.00
Engr. Technician	12.1473	39.25	476.78
Engr. Technician (Concrete)	5	42.00	210.00
Engr. Technician (Asphalt)	2	42.00	84.00
Clerical/Administrative	8	40.00	320.00
Test Report	15	30.00	450.00
Project Management & Coordination	4	65.00	260.00
We thank you for your prompt payment. Please remit to the above address.		Total	\$3,888.78

Millennium Engineers Group, Inc.

PO Box 4569

Edinburg, Texas 78540-4569

Proposal

Date	Proposal No.
3/17/2009	09-43

Name / Address
Hidalgo County Precinct 4 Commissioner Oscar Garza 1102 N. Doolittle Rd Edinburg, Texas 785418

Project

Description	Qty	Cost	Total
HACIENDA DE LOS VEGAS			
Atterberg Limits	3	59.00	177.00
Gradation (Dry)	2	45.00	90.00
Washed Sieve Analysis	1	50.00	50.00
Standard Proctor	2	175.00	350.00
Field Density (Soils)	10	20.00	200.00
Asphalt Density (In-Place, Cores)	2	20.00	40.00
Wet Ball Mill	1	160.00	160.00
Asphalt Cores	6	50.00	300.00
Asphalt Core Thickness	6	5.25	31.50
Asphalt Density (In-Place, Cores)	0	20.00	0.00
Bituminous Mix Theoretical SPG	1	55.00	55.00
Concrete Specimen (Compression)	4	15.00	60.00
Vehicle Trip Charge	6	30.00	180.00
Engr. Technician	13.5	39.25	529.88
Engr. Technician (Concrete)	5.293	42.00	222.31
Clerical/Administrative	6	40.00	240.00
Test Report	12	30.00	360.00
Project Management & Coordination	2	65.00	130.00
We thank you for your prompt payment. Please remit to the above address.		Total	\$3,175.69

Millennium Engineers Group, Inc.

PO Box 4569

Edinburg, Texas 78540-4569

Proposal

Date	Proposal No.
3/17/2009	09-44

Name / Address
Hidalgo County Precinct 4 Commissioner Oscar Garza 1102 N. Doolittle Rd Edinburg, Texas 785418

Description	Qty	Project	
		Cost	Total
HOEN DRIVE SUBD			
Atterberg Limits	10	59.00	590.00
Gradation (Dry)	6	45.00	270.00
Washed Sieve Analysis	3	50.00	150.00
Standard Proctor	5	175.00	875.00
Field Density (Soils)	80	20.00	1,600.00
Asphalt Density (In-Place. Cores)	8	20.00	160.00
Wet Ball Mill	2	160.00	320.00
Asphalt Cores	10	50.00	500.00
Extraction, Grad. and % Asphalt	2	225.00	450.00
Bituminous Mix Theoretical SPG	2	55.00	110.00
Bitumounous Compacted Specimen SPG (Lab Density)(3 Ea)	4	20.00	80.00
Air Content (Pressure)	15	18.00	270.00
Concrete Specimen (Compression)	60	15.00	900.00
Stability	1	85.00	85.00
Vehicle Trip Charge	40	30.00	1,200.00
Engr. Technician	60	39.25	2,355.00
Engr. Technician (Concrete)	46.6855	42.00	1,960.79
Engr. Technician (Asphalt)	10	42.00	420.00
Test Report	40	30.00	1,200.00
Clerical/Administrative	30	40.00	1,200.00
Project Management & Coordination	20	65.00	1,300.00
We thank you for your prompt payment. Please remit to the above address.		Total	\$15,995.79

Millennium Engineers Group, Inc.

PO Box 4569

Edinburg, Texas 78540-4569

Proposal

Date	Proposal No.
3/17/2009	09-45

Name / Address
Hidalgo County Precinct 4 Commissioner Oscar Garza 1102 N. Doolittle Rd Edinburg, Texas 785418

Project

Description	Qty	Cost	Total
LAKEVIEW SUBDIVISION			
Atterberg Limits	6	59.00	354.00
Gradation (Dry)	2	45.00	90.00
Washed Sieve Analysis	2	50.00	100.00
Standard Proctor	5	175.00	875.00
Field Density (Soils)	60	20.00	1,200.00
Asphalt Density (In-Place, Cores)	8	20.00	160.00
Wet Ball Mill	2	160.00	320.00
Asphalt Cores	5	50.00	250.00
Extraction, Grad. and % Asphalt	2	225.00	450.00
Bituminous Mix Theoretical SPG	2	55.00	110.00
Bitumounous Compacted Specimen SPG (Lab Density)(3 Ea)	4	20.00	80.00
Air Content (Pressure)	15	18.00	270.00
Concrete Specimen (Compression)	30	15.00	450.00
Stability	1	85.00	85.00
Vehicle Trip Charge	30	30.00	900.00
Engr. Technician	49.0445	39.25	1,925.00
Engr. Technician (Concrete)	35	42.00	1,470.00
Engr. Technician (Asphalt)	10	42.00	420.00
Test Report	40	30.00	1,200.00
Clerical/Administrative	30	40.00	1,200.00
Project Management & Coordination	20	65.00	1,300.00
We thank you for your prompt payment. Please remit to the above address.		Total	\$13,209.00

Millennium Engineers Group, Inc.

PO Box 4569

Edinburg, Texas 78540-4569

Proposal

Date	Proposal No.
3/17/2009	09-46

Name / Address
Hidalgo County Precinct 4 Commissioner Oscar Garza 1102 N. Doolittle Rd Edinburg, Texas 785418

		Project	
Description	Qty	Cost	Total
LAS BRISAS			
Atterberg Limits	4	59.00	236.00
Gradation (Dry)	1	45.00	45.00
Washed Sieve Analysis	1	50.00	50.00
Standard Proctor	2	175.00	350.00
Field Density (Soils)	24	20.00	480.00
Asphalt Density (In-Place, Cores)	8	20.00	160.00
Wet Ball Mill	1	160.00	160.00
Asphalt Cores	8	50.00	400.00
Extraction, Grad. and % Asphalt	1	225.00	225.00
Bituminous Mix Theoretical SPG	1	55.00	55.00
Bitumounous Compacted Specimen SPG (Lab Density)(3 Ea)	3	20.00	60.00
Air Content (Pressure)	2	18.00	36.00
Concrete Specimen (Compression)	10	15.00	150.00
Stability	1	85.00	85.00
Vehicle Trip Charge	13	30.00	390.00
Engr. Technician	20	39.25	785.00
Engr. Technician (Concrete)	10.4166	42.00	437.50
Engr. Technician (Asphalt)	4	42.00	168.00
Test Report	25	30.00	750.00
Clerical/Administrative	20	40.00	800.00
Project Management & Coordination	6	65.00	390.00
We thank you for your prompt payment. Please remit to the above address.		Total	\$6,212.50

Millennium Engineers Group, Inc.

PO Box 4569
Edinburg, Texas 78540-4569

Proposal

Date	Proposal No.
3/17/2009	09-47

Name / Address
Hidalgo County Precinct 4 Commissioner Oscar Garza 1102 N. Doolittle Rd Edinburg, Texas 785418

				Project	
Description	Qty	Cost	Total		
SEMINARY VILLAGE					
Atterberg Limits	4	59.00	236.00		
Gradation (Dry)	1	45.00	45.00		
Washed Sieve Analysis	1	50.00	50.00		
Standard Proctor	2	175.00	350.00		
Field Density (Soils)	24	20.00	480.00		
Asphalt Density (In-Place, Cores)	8	20.00	160.00		
Wet Ball Mill	1	160.00	160.00		
Asphalt Cores	8	50.00	400.00		
Extraction, Grad. and % Asphalt	1	225.00	225.00		
Bituminous Mix Theoretical SPG	1	55.00	55.00		
Bitumounous Compacted Specimen SPG (Lab Density)(3 Ea)	3	20.00	60.00		
Air Content (Pressure)	2	18.00	36.00		
Concrete Specimen (Compression)	10	15.00	150.00		
Stability	1	85.00	85.00		
Vehicle Trip Charge	13	30.00	390.00		
Engr. Technician	17.0445	39.25	669.00		
Engr. Technician (Concrete)	10	42.00	420.00		
Engr. Technician (Asphalt)	4	42.00	168.00		
Test Report	25	30.00	750.00		
Clerical/Administrative	18	40.00	720.00		
Project Management & Coordination	6	65.00	390.00		
We thank you for your prompt payment. Please remit to the above address.		Total		\$5,999.00	

Millennium Engineers Group, Inc.

PO Box 4569

Edinburg, Texas 78540-4569

Proposal

Date	Proposal No.
3/17/2009	09-48

Name / Address
Hidalgo County Precinct 4 Commissioner Oscar Garza 1102 N. Doolittle Rd Edinburg, Texas 785418

Description	Qty	Project	
		Cost	Total
TRENTON TERRACE			
Atterberg Limits	6	59.00	354.00
Gradation (Dry)	2	45.00	90.00
Washed Sieve Analysis	1	50.00	50.00
Standard Proctor	4	175.00	700.00
Field Density (Soils)	40	20.00	800.00
Asphalt Density (In-Place, Cores)	8	20.00	160.00
Wet Ball Mill	1	160.00	160.00
Asphalt Cores	8	50.00	400.00
Extraction, Grad. and % Asphalt	1	225.00	225.00
Bituminous Mix Theoretical SPG	1	55.00	55.00
Bitumounous Compacted Specimen SPG (Lab Density)(3 Ea)	3	20.00	60.00
Air Content (Pressure)	4	18.00	72.00
Concrete Specimen (Compression)	20	15.00	300.00
Stability	1	85.00	85.00
Vehicle Trip Charge	20	30.00	600.00
Engr. Technician	35	39.25	1,373.75
Engr. Technician (Concrete)	21.6584	42.00	909.65
Engr. Technician (Asphalt)	5	42.00	210.00
Test Report	40	30.00	1,200.00
Clerical/Administrative	30	40.00	1,200.00
Project Management & Coordination	10	65.00	650.00
We thank you for your prompt payment. Please remit to the above address.		Total	\$9,654.40

Millennium Engineers Group, Inc.

PO Box 4569

Edinburg, Texas 78540-4569

Proposal

Date	Proposal No.
3/17/2009	09-49

Name / Address
Hidalgo County Precinct 4 Commissioner Oscar Garza 1102 N. Doolittle Rd Edinburg, Texas 785418

Project

Description	Qty	Cost	Total
COL ESPERANZA #1			
Atterberg Limits	1	59.00	59.00
Standard Proctor	1	175.00	175.00
Field Density (Soils)	15	20.00	300.00
Asphalt Cores	6	50.00	300.00
Bituminous Mix Theoretical SPG	1	55.00	55.00
Concrete Specimen (Compression)	4	15.00	60.00
Vehicle Trip Charge	5	30.00	150.00
Engr. Technician	10	39.25	392.50
Engr. Technician (Concrete)	5.3841	42.00	226.13
Test Report	15	30.00	450.00
Clerical/Administrative	6	40.00	240.00
Project Management & Coordination	4	65.00	260.00
We thank you for your prompt payment. Please remit to the above address.		Total	\$2,667.63

Millennium Engineers Group, Inc.

PO Box 4569

Edinburg, Texas 78540-4569

Proposal

Date	Proposal No.
3/17/2009	09-50

Name / Address
Hidalgo County Precinct 4 Commissioner Oscar Garza 1102 N. Doolittle Rd Edinburg, Texas 785418

Project

Description	Qty	Cost	Total
LA FLOR ESTATES			
Atterberg Limits	1	59.00	59.00
Standard Proctor	1	175.00	175.00
Field Density (Soils)	13	20.00	260.00
Asphalt Cores	6	50.00	300.00
Bituminous Mix Theoretical SPG	1	55.00	55.00
Concrete Specimen (Compression)	4	15.00	60.00
Vehicle Trip Charge	5	30.00	150.00
Engr. Technician	10	39.25	392.50
Engr. Technician (Concrete)	4.889	42.00	205.34
Test Report	15	30.00	450.00
Clerical/Administrative	6	40.00	240.00
Project Management & Coordination	4	65.00	260.00
We thank you for your prompt payment. Please remit to the above address.		Total	\$2,606.84

Millennium Engineers Group, Inc.

PO Box 4569

Edinburg, Texas 78540-4569

Proposal

Date	Proposal No.
3/17/2009	09-51

Name / Address
Hidalgo County Precinct 4 Commissioner Oscar Garza 1102 N. Doolittle Rd Edinburg, Texas 785418

Project

Description	Qty	Cost	Total
LA FLOR GARDENS			
Atterberg Limits	1	59.00	59.00
Standard Proctor	1	175.00	175.00
Field Density (Soils)	13	20.00	260.00
Asphalt Cores	6	50.00	300.00
Bituminous Mix Theoretical SPG	1	55.00	55.00
Concrete Specimen (Compression)	4	15.00	60.00
Vehicle Trip Charge	5	30.00	150.00
Engr. Technician	10	39.25	392.50
Engr. Technician (Concrete)	4.889	42.00	205.34
Test Report	15	30.00	450.00
Clerical/Administrative	6	40.00	240.00
Project Management & Coordination	4	65.00	260.00
We thank you for your prompt payment. Please remit to the above address.		Total	\$2,606.84

Millennium Engineers Group, Inc.

PO Box 4569

Edinburg, Texas 78540-4569

Proposal

Date	Proposal No.
3/17/2009	09-52

Name / Address
Hidalgo County Precinct 4 Commissioner Oscar Garza 1102 N. Doolittle Rd Edinburg, Texas 785418

Project			
Description	Qty	Cost	Total
LABORSITA			
Atterberg Limits	2	59.00	118.00
Field Density (Soils)	15	20.00	300.00
Concrete Specimen (Compression)	5	15.00	75.00
Vehicle Trip Charge	4	30.00	120.00
Engr. Technician	6	39.25	235.50
Engr. Technician (Concrete)	3.77	42.00	158.34
Test Report	10	30.00	300.00
Clerical/Administrative	5	40.00	200.00
Project Management & Coordination	3	65.00	195.00
We thank you for your prompt payment. Please remit to the above address.		Total	\$1,701.84