



Hidalgo County Health Department

1304 S. 25th Street • Edinburg, Texas 78539
Tel: (956) 383-6221 • Fax: (956) 383-8864

Iván Meléndez, M.D., M.B.A.
Health Authority/Chief Physician

Eduardo Olivarez
Chief Administrative Officer

July 10, 2008

MEMORANDUM

To: Martha Salazar, Purchasing Agent

From: Eduardo Olivarez, Chief Administrative Officer

RE: Millennium Engineers Group Inc.

We are requesting your assistance to obtain Commissioner's Court Approval and your recommendation to process the following invoices for payment from Millennium Engineers.

<i>Invoice No.</i>	<i>Amount</i>
08M53-1	287.75
08M53-2	238.31
08M53-3	318.31
08M53-4	278.50
08M53-5	76.00
08M53-7	641.00

P.O. #600944

Work Authorization #4

(Need to increase Purchase order by \$441.80 to be able to process all the invoices)

Millennium Engineers Group, Inc.

PO Box 4569
Edinburg, Texas 78540-4569

Invoice

Date	Invoice #
4/23/2008	08M53-1



Bill To
Hidalgo County Precinct 4 Commissioner Oscar Garza 1102 N. Doolittle Rd Edinburg, Texas 78541

Terms	Due Date	Project
Net 30	5/23/2008	08M53-Health Dept Parking Lot Phase III

Description	Qty	Rate	Amount
Field Density (Soils)	5	20.00	100.00
Vehicle Trip Charge	1	30.00	30.00
Engr. Technician	3	39.25	117.75
Clerical/Administrative	1	40.00	40.00
Contract # C-07-265-10-15			

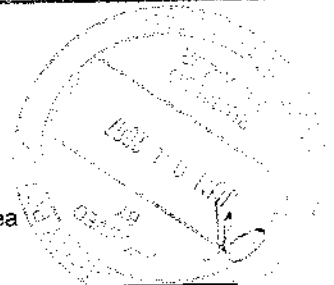
We thank you for your prompt payment. Please remit to the above address.

Total	\$287.75
Payments/Credits	\$0.00
Balance Due	\$287.75

Phone #	Fax #
(956) 383-8522	(956) 383-0295

Field Density Test Report

Project Description: Health Department Parking Lot Improve. Ph. III **Report Number:** 08M53-1-1
Client: Hidalgo County Precinct No. 4 **Date Tested:** 3-12-08
Engineer: Javier Hinojosa Engineering **Date Reported:** 3-19-08
Architect: N/A **Material Description:** Subgrade
Contractor: Hidalgo County Precinct No. 4 **Area Tested:** East Parking Area

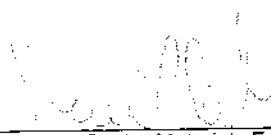


Mat'l No.	Material	Required Moisture Content Range	Optimum % Moist.	Optimum Density, Lb/CF	Required % Proctor	Required Depth
1	Subgrade	-2 + 3	14.9	112.8	95%	6"

Test No	Test Location	Moisture Content		Dry Density		Percent Compaction	Depth (inch)
1	East Parking 30' N/ 30' W from South East Corner	15.5 %		108.9	pcf	96.5%	6"
2	East Parking 30' S/30' W from North East Corner	15.2 %		111.4	pcf	98.8%	6"
3	East Parking 30' S/ 30' E from North West Corner	15.1 %		111.2	pcf	98.6%	6"
4	East Parking 30' N/ 30' E from South West Corner	17.6 %		108.2	pcf	95.9%	6"
5	East Parking Directly at Center	14.2 %		114.8	pcf	101.8%	6"

Remarks: Test results are in general compliance with the project specifications except as noted.
 Field testing done in general accordance with ASTM D 2922 and ASTM D 3017.

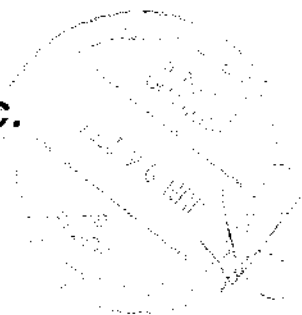
Personnel Notified: _____


 Raul Palma, Senior Materials Engineer

Millennium Engineers Group, Inc.

PO Box 4509
Edinburg, Texas 78540-4569

Invoice



Date	Invoice #
4/23/2008	08M53-2

Bill To
Hidalgo County Precinct 4 Commissioner Oscar Garza 1102 N. Doolittle Rd Edinburg, Texas 78541

Terms	Due Date	Project
Net 30	5/23/2008	08M53-Health Dept Parking Lot Phase III

Description	Qty	Rate	Amount
Field Density (Soils)	4	20.00	80.00
Vehicle Trip Charge	1	30.00	30.00
Engr. Technician	2.25	39.25	88.31
Clerical/Administrative	1	40.00	40.00
Contract # C-07-265-10-15			

We thank you for your prompt payment. Please remit to the above address.

Phone #	Fax #
(956) 383-8522	(956) 383-0295

Total	\$238.31
Payments/Credits	\$0.00
Balance Due	\$238.31

Millennium Engineers Group, Inc.

PO Box 4569

Edinburg, Texas 78540-4569

Invoice



Date	Invoice #
4/23/2008	08M53-3

Bill To
Hidalgo County Precinct 4 Commissioner Oscar Garza 1102 N. Doolittle Rd Edinburg, Texas 78541

Terms	Due Date	Project
Net 30	5/23/2008	08M53-Health Dept Parking Lot Phase III

Description	Qty	Rate	Amount
Field Density (Soils)	8	20.00	160.00
Vehicle Trip Charge	1	30.00	30.00
Engr. Technician	2.25	39.25	88.31
Clerical/Administrative	1	40.00	40.00
Contract # C-07-265-10-15			

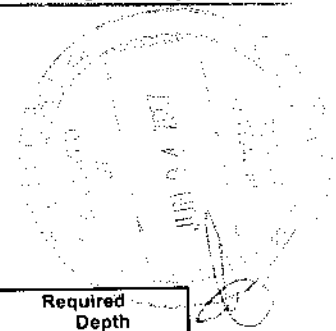
We thank you for your prompt payment. Please remit to the above address.

Total	\$318.31
Payments/Credits	\$0.00
Balance Due	\$318.31

Phone #	Fax #
(956) 383-8522	(956) 383-0295

Field Density Test Report

Project Description: Health Department Parking Lot Improve. Ph. III **Report Number:** 08M53-3-1
Client: Hidalgo County Precinct No. 4 **Date Tested:** 03-31-08
Engineer: Javier Hinojosa Engineering **Date Reported:** 4-01-08
Architect: N/A **Material Description:** caliche
Contractor: Hidalgo County Precinct No. 4 **Area Tested:** Parking Lot



Mat'l No.	Material	Required Moisture Content Range	Optimum % Moist.	Optimum Density, Lb/CF	Required %Proctor	Required Depth
1	caliche	-2 + 3	14.0	113.9	98%	8"

Test No	Test Location	Moisture Content		Dry Density		Percent Compaction	Depth (inch)
1	Parking Lot Approx. 20'E /20' N of South West Corner of Parking Lot	12.8 %		111.3 pcf		98.0%	8"
2	Parking Lot Approx. 85'E /15' N of South West Corner of Parking Lot	14.1 %		112.6 pcf		98.9%	8"
3	Parking Lot Approx. 175' E /20' N of South West Corner of Parking Lot	13.3 %		115.2 pcf		101.1%	8 1/4"
4	Parking Lot Approx. 50' E/70' N of South West Corner of Parking Lot	12.7 %		112.1 pcf		98.4%	8"
5	Parking Lot Approx. 120' E /75' N of South West Corner of Parking Lot	12.1 %		113.8 pcf		99.9%	8 1/4"
6	Parking Lot Approx. 20' E/150' N of South West Corner of Parking Lot	14.7 %		111.5 pcf		98.0%	8 1/4"
7	Parking Lot Approx. 80' E/160' N of South West Corner of Parking Lot	12.5 %		112.2 pcf		98.5%	8"
8	Parking Lot Approx. 155' E/150' N of South West Corner of Parking Lot	13.3 %		112.5 pcf		98.8%	8"

Remarks: Test results are in general compliance with the project specifications except as noted.
 Field testing done in general accordance with ASTM D 2922 and ASTM D 3017.

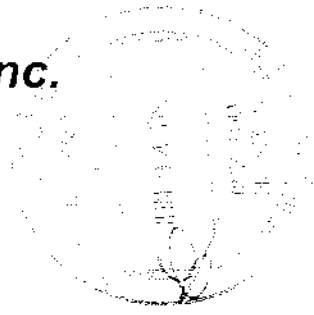
Personnel Notified: _____


 Raul Palma, Senior Materials Engineer

Millennium Engineers Group, Inc.

PO Box 4569

Edinburg, Texas 78540-4569



Invoice

Date	Invoice #
5/29/2008	08M53-4

Bill To
Hidalgo County Precinct 4 Commissioner Oscar Garza 1102 N. Doolittle Rd Edinburg, Texas 78541

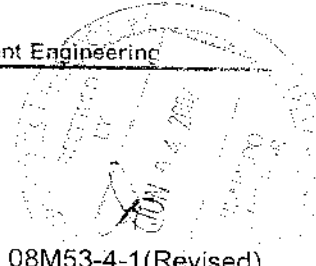
Terms	Due Date	Project
Net 30	6/28/2008	08M53-Health Dept Parking Lot Phase III

Description	Qty	Rate	Amount
Vehicle Trip Charge	2	30.00	60.00
Engr. Technician (Concrete)	4.25	42.00	178.50
Clerical/Administrative	1	40.00	40.00
Contract # C-07-265-10-15			

We thank you for your prompt payment. Please remit to the above address.

Total	\$278.50
Payments/Credits	\$0.00
Balance Due	\$278.50

Phone #	Fax #
(956) 383-8522	(956) 383-0295



Concrete Field Report

Project Description: Health Department Parking Lot Improv. Ph III
Client: Hidalgo County Precinct No. 4
Engineer: Javier Hinojosa Engineering
Architect: N/A
Contractor: Hidalgo County Precinct No. 4

M.E.G. Report Number: 08M53-4-1(Revised)
Date of Service: 3-25-08
Date of Report: 3-26-08
Structure Tested: E. Parking Area E. curb

On March 25, 2008 a representative of Millennium Engineers Group, Inc. was dispatched to the project site to perform inspection on the placement of ready mix concrete on the east parking area east curb.

Sample Number 1 was obtained at 9:38 a.m. A slump of 4 3/4" was determined. From this sample, a total of four (4) 4 x 8 inch cylindrical test specimens were cast for compressive strength testing at intervals of 7 and 28 days.

On March 26, 2008 a representative of Millennium Engineers Group, Inc. was dispatched to the project site to pick up the specimens cast on the previous day. The specimens were transported to the laboratory where they were stripped from their forms, properly labeled, and placed in curing tanks in preparation for testing.

4-08-08 Due to the incorrect project number this report has been revised.

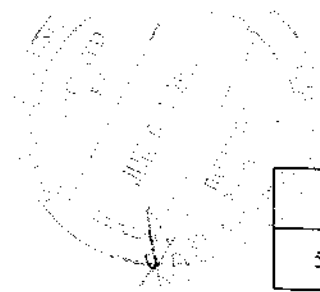
Raul Palma, Senior Materials Engineer

Millennium Engineers Group, Inc.

PO Box 4569

Edinburg, Texas 78540-4569

Invoice



Date	Invoice #
5/29/2008	08M53-5

Bill To
Hidalgo County Precinct 4 Commissioner Oscar Garza 1102 N. Doolittle Rd Edinburg, Texas 78541

Terms	Due Date	Project
Net 30	6/28/2008	08M53-Health Dept Parking Lot Phase III

Description	Qty	Rate	Amount
Concrete Specimen (Compression)	1	15.00	15.00
Engr. Technician (Concrete)	0.5	42.00	21.00
Clerical/Administrative	1	40.00	40.00
Contract # C-07-265-10-15			

We thank you for your prompt payment. Please remit to the above address.

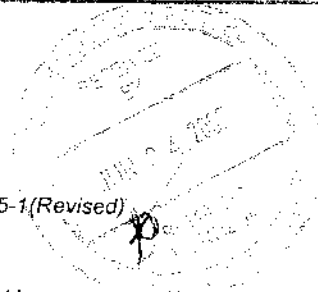
Total	\$76.00
Payments/Credits	\$0.00
Balance Due	\$76.00

Phone #	Fax #
(956) 383-8522	(956) 383-0295

CONCRETE COMPRESSIVE STRENGTH TEST REPORT

Project Description: Health Department Parking Lot Improve. Ph. III
Client: Hidalgo County Precinct No. 4
Engineer: Javier Hinojosa Engineering
Architect: N/A
Contractor: Hidalgo County Precinct No. 4

M.E.G. Report Number: 08M53-5-1(Revised)
Date Cast: 3-25-08
Date Reported: 4-03-08
Structure Tested: East parking area
East Curb



Placement Data

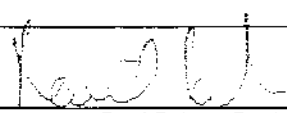
Mix I.D.: N.P. Specified Strength: 3000 P.S.I. @ 28 Days
Specified Air Content: N.P. % Specified Slump: 4
Weather Conditions: Clear and breezy Air/Ambient Temp.: 78°F
Supplier: Varmacom Time Batched: 8:27 a.m. Concrete Temp.: 80°F
Truck No.: 237 Time Sampled: 9:38 a.m. Air Content: N.P.
Plant Ticket No.: 98225 CY: 10 Slump: 4 3/4"
Placement Location: East Curb/50' N of South East Corner Water Added:(gal.) 0

Compressive Strength Data

Identification	Cross-sectional Area (in ²)	Test Date	Age (days)	Max. Load (pounds)	Comp. Strength (psi)	Type of Fracture (a,b,c,d or e)	% of Design
1A	12.57	4-01-08	7	38,434	3058	D	102%

Field testing of fresh concrete and laboratory testing of hardened concrete specimens performed in accordance with applicable ASTM or TxDOT standards as required by the project requirements.

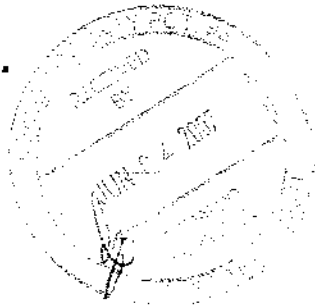
Notes/Comments: 4-08-08 Due to the incorrect project nubur this report has been revised.


Raul Palma, Senior Materials Engineer

Millennium Engineers Group, Inc.

PO Box 4569
Edinburg, Texas 78540-4569

Invoice



Date	Invoice #
5/29/2008	08M53-7

Bill To
Hidalgo County Precinct 4 Commissioner Oscar Garza 1102 N. Doolittle Rd Edinburg, Texas 78541

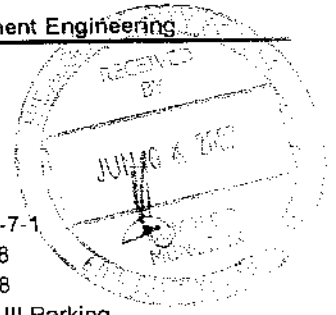
Terms	Due Date	Project
Net 30	6/28/2008	08M53-Health Dept Parking Lot Phase III

Description	Qty	Rate	Amount
Asphalt Density (In-Place, Cores)	6	20.00	120.00
Asphalt Cores	6	50.00	300.00
Bituminous Mix Theoretical SPG	1	55.00	55.00
Engr. Technician (Asphalt)	3	42.00	126.00
Clerical/Administrative	1	40.00	40.00
Contract # C-07-265-10-15			

We thank you for your prompt payment. Please remit to the above address.

Total	\$641.00
Payments/Credits	\$0.00
Balance Due	\$641.00

Phone #	Fax #
(956) 383-8522	(956) 383-0295



Asphaltic Pavement Cores Report

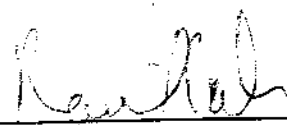
Project Description: Health Department Parking Lot Improvements Ph. III
 Client: Hidalgo County Precinct No. 4
 Engineer: Javier Hinojosa Engineering
 Architect: N/A
 Contractor: Hidalgo County Precinct No. 4

M.E.G. Report Number: 08M53-7-1
 Date Tested: 4-28-08
 Date Reported: 5-19-08
 Core Location: Phase III Parking
 Asphalt Type: D
 Material Source : N/A

Maximum Specific Gravity of Bituminous Mixtures (Tex-227-F) Gr= 2.444

Test #	Location	Thickness, In.	Core Density %
1	East Parking	2"	88.9
	25' N/60' from	2"	89.8
	South West Corner	Aveg. 2"	Avg. 89.4
2	East Parking	2"	87.8
	Center of Paking Area	1 3/4"	87.3
		Aveg. 1 7/8"	Avg. 87.5
3	East Parking	2"	90.9
	40'S/15' West from	2"	90.0
	North East Corner		Avg. 90.4

Remarks: _____


 Raul Palma, Senior Materials Engineer

HIDALGO COUNTY
Professional Engineering Services
Contract # C-07-265-1015
Work Authorization Form

WORK AUTHORIZATION NO. 4

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 Services at the Hidalgo County Health Department Parking Lot Improvements, Phase II

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 \$4,023.81.
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. 7-1334-441-00-340-0-22-0-739
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. 4**, Commissioner Oscar L. Garza, Jr. to content and detail of this **Work Authorization No. 4**

HIDALGO COUNTY PRECINCT NO. 4

BY: O. L. Garza, Jr. RA 13

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 10th day of March, 2008.

THE ENGINEER:

Raul Palma
By: Raul Palma

**THE OWNER:
HIDALGO COUNTY**

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

ATTEST:

Arturo Guajardo, Jr.
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

ATTACHMENT "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.

ATTACHMENT "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"
COST PROPOSAL

Millennium Engineers Group,

PO Box 4569
Edinburg, Texas 78540-4569

Proposal

Date	Proposal No.
2/1/2008	08-38

Name / Address
Hidalgo County Precinct 4 Commissioner Oscar Garza 1102 N. Doolittle Rd Edinburg, Texas 78541

				Project	
				08M22-Health Dept Parking Lot Phase II	
Description	Qty	Cost	Total		
Atterberg Limits	1	59.00	59.00		
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)	27	20.00	540.00		
Asphalt Density (In-Place, Cores)	6	20.00	120.00		
Wet Ball Mill	1	160.00	160.00		
Asphalt Cores	6	50.00	300.00		
Extraction, Grad. and % Asphalt	1	225.00	225.00		
Bituminous Mix Theoretical SPG	1	55.00	55.00		
Bituminous Compacted Specimen SPG (Lab Density)(3 Ea)	3	20.00	60.00		
Air Content (Pressure)	1	18.00	18.00		
Concrete Specimen (Compression)	4	15.00	60.00		
Stability	1	85.00	85.00		
Vehicle Trip Charge	12	30.00	360.00		
Clerical/Administrative	14	40.00	560.00		
Engr. Technician	20.25	39.25	794.81		
Engr. Technician (Concrete)	4.5	42.00	189.00		
Engr. Technician (Asphalt)	4	42.00	168.00		
We thank you for your prompt payment. Please remit to the above address.			Total	\$4,023.81	

AI-8161 **19.F.1.**
HCHHSD-Work Authorizations #4 - Millenium Engineering-C-07-265-10-15
CC REGULAR

Date: 03/06/2008
Submitted By: Letty Saenz, PURCHASING DEPT.
Submitted For: Letty Saenz
Department: PURCHASING DEPT.
Agenda Area: Purchasing Department **Purchasing only:** Health & Human Services Dept.

Information

CAPTION

Presentation for consideration, discussion acceptance and approval of Work Authorization No. 4 in the amount of \$ 4,023.81 with MILLENNIUM ENGINEERS GROUP, INC. to provide engineering services to Hidalgo County Precinct No. 4, in connection with Contract No. C-07-265-10-15 for "Construction Materials Testing Services for PAVED/UN-PAVED, LATERAL and CIP PROJECTS (Hidalgo County Health Department Parking Lot Improvements Phase II)"

BACKGROUND

Work Authorization No. 4

Fiscal Impact

FISCAL YEAR: 2008

ACCT. #: 8-1334-441-00-340-022-0-739

FUNDS AVAILABLE Y/N?: Y

MATCHING FUNDS Y/N?:

BUDGETARY IMPACT:

\$139,863.62 available balance as of 02/29/08. Phase II will also be funded out of the above mentioned account.

Attachments

[Link: Work Authorizations #4 - Millenium Engineering](#)

Form Routing/Status

Route Seq	Inbox	Approved By	Date	Status
1	Purchasing Department	Marty Salazar	02/28/2008 09:42 PM	APRV
2	Budget & Management	Dina Trevino	02/29/2008 08:26 AM	APRV
3	Rey Salazar	Rey Salazar	02/29/2008 10:05 AM	APRV
4	Auditor's Office		03/03/2008 08:56 AM	NEW
Form Started By: Letty Saenz			Started On: 02/27/2008 04:59 PM	
Final Approval Date: 03/03/2008				