



Purchase Order COUNTY OF HIDALGO

PO# 747439

DATE: 07/28/16

PAGE NO: 1 Of 1

PO TYPE:

VENDOR: 284009

REQ: 00303032

PHONE: (956) 383-8522

Fax: (956) 383-0295

EMAIL:

SHIP TO: HIDALGO CO. PCT 4

1051 N. DOOLITTLE
EDINBURG TX 78542

MILLENNIUM ENGINEERS GROUP, INC.

P.O. BOX 4569

EDINBURG TX 78540-4569

CONTACT: NICK PEREZ

(956) 383-3112

SITE: COMMISSIONER, PRECINCT 4

CONTRACT NO: C-16-173-07-06

SPECIAL INSTRUCTIONS: PCT#943

VENDOR NOTES

1. Do not add to, or alter this Purchase Order. This Order is not renewable.
2. TAX EXEMPTION: This Purchase Order may be accepted in lieu of Exemption Certificate.
3. This Order is also placed F.O.B. Destination. Vendor must repay all shipping costs.
4. Invoice each Purchase Order singly. Original Invoices are required customer copy may be accepted. Out number must appear on all invoices, bills of lading, and packages.
5. Payment will be made only for bona fide and full completed orders, unless otherwise attached.

QTY	UOM	DESCRIPTION	UNIT PRICE	AMOUNT
		DO NOT DUPLICATE ORDER		
		C-16-173-07-06 EXP: 07/05/2016 Millennium Engineers Group, Inc."Construction Material Testing / GEO Technical Services" for (job specific) project: "Alberta Drain"		
1.00	LOT	CC "Construction Material Testing / GEO Technical Services" for (job specific) project: "Alberta Drain" within Hidalgo County Precinct No. 4	57,152.00	57,152.00
		TOTAL:		57,152.00
		***** For Hidalgo County use only 6-1200-431-00-124-177-0-339		
			57,152.00	

Authorized by:

Martha L Salazar



Invoice

Date	Invoice #
1/31/2017	619214-0217

Millennium Engineers Group Inc
 PO Box 4569, Edinburg, Texas
 78540-4569



Bill To
Hidalgo County Precinct 4 Attn: Maria Lucio 1051 N. Doolittle Rd. Edinburg, Texas 78542

Description	Qty	Rate	Amount	Terms	Due Date	MEG Project
				Due on receipt	1/31/2017	Alberta Drainage Project
PO# 747439						
Report No. 01-16-19214-4-1	3.25	50.00	162.50			
Soil Engineering Technician (hourly)	1	200.00	200.00			
Standard Proctor (each)	1	70.00	70.00			
Atterberg Limits (each)	1	45.00	45.00			
Percent Passing No. 200 Sieve (each test)	1	40.00	40.00			
Vehicle Trip Charge (each)	1	30.00	30.00			
Test Report (each)	0.5	125.00	62.50			
Project Engineer (hourly)	0.25	75.00	18.75			
Project Management (hourly)	1	50.00	50.00			
Clerical (hourly)						
Report No. 01-16-19214-6-1	2.5	50.00	125.00			
Soils Engr. Technician (hourly)	2	28.00	56.00			
Nuclear Density Test - Soils (each)	1	40.00	40.00			
Vehicle Trip Charge (each)	1	30.00	30.00			
Test Report (each)	0.5	125.00	62.50			
Project Engineer (hourly)	0.25	75.00	18.75			
Project Management (hourly)	1	50.00	50.00			
Clerical (hourly)						
Report No. 01-16-19214-7-1	2.5	50.00	125.00			
Soil Engineering Technician (hourly)	2	28.00	56.00			
Nuclear Density Test (each)	1	40.00	40.00			
Vehicle Trip Charge (each)						
Innovative. Experienced. Professional.						Total
						Payments/Credits
						Balance Due

Phone #	Fax #
9567028500	(956) 702-4180



Invoice

Date	Invoice #
1/31/2017	619214-0217

Millennium Engineers Group Inc
 PO Box 4569, Edinburg, Texas
 78540-4569

Bill To
Hidalgo County Precinct 4 Attn: Maria Lucio 1051 N. Doolittle Rd. Edinburg, Texas 78542

Terms	Due Date	MEG Project
Due on receipt	1/31/2017	Alberta Drainage Project

Description	Qty	Rate	Amount
Test Report (each)	1	30.00	30.00
Project Engineer (hourly)	0.5	125.00	62.50
Project Management (hourly)	0.25	75.00	18.75
Clerical (hourly)	1	50.00	50.00
Report No. 01-16-19214-8-1	2.5	50.00	125.00
Soil Engineering Technician (hourly)	2	28.00	56.00
Nuclear Density Test (each)	1	40.00	40.00
Vehicle Trip Charge (each)	1	30.00	30.00
Test Report (each)	0.5	125.00	62.50
Project Engineer (hourly)	0.25	75.00	18.75
Project Management (hourly)	1	50.00	50.00
Clerical (hourly)			
Innovative. Experienced. Professional.			Total \$1,825.50
			Payments/Credits \$0.00
			Balance Due \$1,825.50

Phone #	Fax #
9567028500	(956) 702-4180

Make all checks payable to Millennium Engineers Group, Inc.
 Any questions regarding this invoice please contact our Accounts Receivables Department at
 (956) 702-8500

SOILS MATERIAL LABORATORY TESTING REPORT



Project Name: Alberta Drainage Project

MEG Report Number: 01-16-19214-4-1

Service Date: December 13, 2016

Client: Hidalgo County Precinct No.4

Reported Date: December 20, 2016

P.O. # 747439

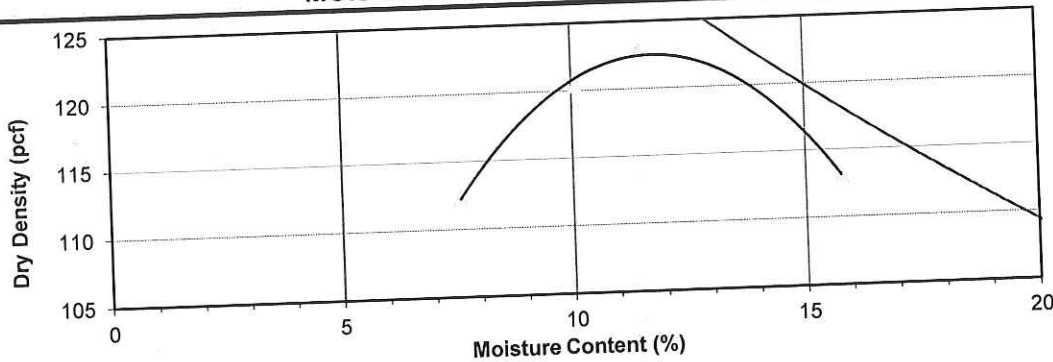
GENERAL INFORMATION

Material Type: Backfill

Soil I.D.: N/A

Sample Location: East Stock Pile on Tower Rd from East,
South, and West Sides of Pile

MOISTURE DENSITY RELATIONSHIP (ASTM D 698)



Maximum Dry Density
122.6 pcf

Optimum Moisture
11.8 %

MATERIAL FINER THAN NO. 200 (ASTM D 1140)

Sieve Size	Cummulative Percent Retained, %	Cummulative Percent Finer, %	Spec. Limits	
			Lower	Upper
No. 4	3.9	96.1	N/A	N/A
No. 10	5.7	94.3	N/A	N/A
No. 40	8.7	91.3	N/A	N/A
No. 200	49.5	50.5	N/A	N/A

*Specification limits on cummulative percent retained.

SOIL CLASSIFICATION (ASTM D 2487)

Material Description	USCS
Brown Sandy Clay	CL

PLASTICITY INDEX (ASTM D 4318)

LL: 36	LL Spec.: N/A
PL: 15	PL Spec.: N/A
PI: 21	PI Spec.: N/A

MILLENNIUM ENGINEERS GROUP, INC.
TBPE FIRM No. F-3913

Raul Palma, Senior Materials Engineer

**MATERIAL TESTING SERVICES
FIELD INSPECTION REPORT**



Project Name: Alberta Drainage Project

MEG Report Number: 01-16-19214-5-1

Service Date: December 16, 2016

Reported Date: December 19, 2016

Client: Hidalgo County Precinct No.4
P.O. # 747439

FIELD INSPECTION REPORT

As requested a representative of Millennium Engineers Group, Inc. (MEG) arrived at the above reference project to perform Density Testing.

Upon arrival MEG technician was informed by contractor scheduled testing was cancelled due inclement weather.

Contractor will need to call the office to re-schedule for a future date and time.

MILLENNIUM ENGINEERS GROUP, INC.
TBPE FIRM No. F-3913

A handwritten signature in blue ink, appearing to read "Raul Palma", is written over a horizontal line.

Raul Palma, Senior Materials Engineer

Sergio Tovar (stovar@megengineers.com)

From: Jesse Alvarez <jose.alvarez@co.hidalgo.tx.us>
Sent: Tuesday, December 13, 2016 7:52 AM
To: stovar@megengineers.com
Cc: 'Raul Sesin'; 'Areanna E. Yzaguirre'; 'Noe Saldivar'; jorge.gonzalez@hcdd1.org; 'Jaime Salazar'; 'Nora Cavazos'; 'Claudette Guerrero'; roman.rodriguez@co.hidalgo.tx.us; 'Maria Lucio'; justinborjas1989@gmail.com; omar@ogbuild.com; rpalma@megengineers.com; 'Mellinium'
Subject: Pct. No. 4 Flood Drainage Improvements , Alberta Drain Ph. 1

Good Morning Sergio,

Please see Testing Request Below:

Date of Service Requested: 12/13/2016 Tuesday

Project Name/Location: Pct. No. 4 Flood Drainage Improvements , Alberta Drain Ph. 1

Time of Needed Services: 09:00 AM

Type of Service Requested: Trench Backfill Proctor Sample Pick-up @ about Sta. 0+10 along Tower Rd. (West Side)

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-
-
Note: Testing Time had already been coordinated with S.Tovar

Thank You

*Jesse Alvarez
Construction Inspector
Hidalgo County Engineering Projects Office
902 Doolittle Rd.
Edinburg, Texas 78542*

956-292-7000 ext. 2029
956-533-3992 Mobile
jose.alvarez@co.hidalgo.tx.us
County of Hidalgo



REQUEST FOR SERVICES (CMT)

Date of Requested Services: 12-13-06 Time: 9:00 AM / PM

Project Name/Location: Alberta Drainage

Services Requested: Sample pickup

Comments: BACKFILL SAMPLE PICK-UP FOR 42" RCP ALONG TOWER RD.

Signature of Owner's Authorized Representative: [Signature]

Printed Name of Representative: JESSE ALVAREZ

**NUCLEAR MOISTURE DENSITY
FIELD REPORT**



Project Name: Alberta Drainage Project

MEG Report Number: 01-16-19214-6-1

Client: Hidalgo County Precinct No.4
P.O. # 747439

Service Date: December 19, 2016
Reported Date: December 22, 2016

GENERAL INFORMATION

Area Tested: Storm Line Trench
Material Description: Brown Sandy Clay
Required % of Proctor: 92 Percent
Required Moisture Range: -2 to +2
Required Depth: 12 Inches


MOISTURE DENSITY RELATIONSHIP

Soil I.D.: N/A
Material Type: Backfill
Optimum Dry Density(pcf): 122.6
Optimum Moisture(%): 11.8
Lift Tested: 3rd lift

FIELD DENSITY TEST DATA (ASTM D 6938)

Test Number	Test Location	Moisture Content	Dry Density	Percent Compaction	Depth Tested
1	Storm Line Trench STA 23+25	13.5 % Pass	112.8 pcf	92.0 % Pass	12 (In.)
2	Storm Line Trench STA 24+00	13.2 % Pass	113.8 pcf	92.8 % Pass	12 (In.)

Comments: Field testing done in general accordance with ASTM D 6938.
Re-Testing will be required.

MILLENNIUM ENGINEERS GROUP, INC.
TBPE FIRM No. F-3913

Raul Palma, Senior Materials Engineer

Sergio Tovar (stovar@mengineers.com)

From: Jesse Alvarez <jose.alvarez@co.hidalgo.tx.us>
Sent: Friday, December 16, 2016 1:17 PM
To: stovar@mengineers.com
Cc: Raul Sesin; Areanna E. Yzaguirre; Noe Saldivar; jorge.gonzalez@hcdd1.org; roman.rodriquez@co.hidalgo.tx.us; Maria Lucio; justinborjas1989@gmail.com; omar@ogbuild.com; moya@ogbuild.com; Mellinnium; Mellinnium; rpalma@mengineers.com
Subject: Re: Pct. No. 4 Flood Drainage Improvements , Alberta Drain Ph. 1

Good Afternoon Sergio,

Please cancel Testing Request from previous Email below..... And reschedule for :
Monday 12-19-2016 @ 9:00 AM.

Thank You

Jesse Alvarez
Construction Inspector
County of Hidalgo Engineering Projects Office
902 Doolittle Rd.
Edinburg , Texas 78542
Office : 956-702-7000 ext 2029
Mobile:956-533-3992

Sent from my iPhone

On Dec 15, 2016, at 3:44 PM, Jesse Alvarez <jose.alvarez@co.hidalgo.tx.us> wrote:

Good Afternoon Sergio,

Please see Testing Request Below:

Date of Service Requested: 12/16/2016 Friday

Project Name/Location: Pct. No. 4 Flood Drainage Improvements , Alberta Drain Ph. 1

Time of Needed Services: 08:30 AM



REQUEST FOR SERVICES (CMT)

Date of Requested Services: 12-19-16 Time: 10:00 AM / PM

Project Name/Location: Alberta Drainage

Services Requested: Specs @ Drainage

Comments: Specs

Signature of Owner's Authorized Representative: [Signature]

Printed Name of Representative: JESSE ALVAREZ

NUCLEAR MOISTURE DENSITY FIELD REPORT



Project Name: Alberta Drainage Project

MEG Report Number: 01-16-19214-7-1

Service Date: December 21, 2016

Client: Hidalgo County Precinct No.4
P.O. # 747439

Reported Date: December 22, 2016

GENERAL INFORMATION

Area Tested: 72" RCP Trench
Material Description: Light Brown Clay w/Sand
Required % of Proctor: 92 Percent
Required Moisture Range: -2 to +2
Required Depth: 12 Inches

MOISTURE DENSITY RELATIONSHIP

Soil I.D.: N/A
Material Type: Backfill
Optimum Dry Density(pcf): 114.3
Optimum Moisture(%): 13.9
Lift Tested: 1st lift

FIELD DENSITY TEST DATA (ASTM D 6938)

Test Number	Test Location	Moisture Content	Dry Density	Percent Compaction	Depth Tested
1	72" RCP Trench STA 24+68	14.8 % Pass	105.6 pcf	92.4 % Pass	12 (In.)
2	72" RCP Trench STA 25+85	14.0 % Pass	110.4 pcf	96.6 % Pass	12 (In.)

Comments: Field testing done in general accordance with ASTM D 6938.
Re-Testing will be required.

MILLENNIUM ENGINEERS GROUP, INC.
TBPE FIRM No. F-3913

Raul Palma, Senior Materials Engineer

Sergio Tovar (stovar@megengineers.com)

From: Jesse Alvarez <jose.alvarez@co.hidalgo.tx.us>
Sent: Wednesday, December 21, 2016 1:39 PM
To: stovar@megengineers.com
Cc: 'Raul Sesin'; 'Areanna E. Yzaguirre'; 'Noe Saldivar'; jorge.gonzalez@hcdd1.org; roman.rodriguez@co.hidalgo.tx.us; 'Maria Lucio'; justinborjas1989@gmail.com; omar@ogbuild.com; moya@ogbuild.com; 'Mellinnium'; rpalma@megengineers.com
Subject: Pct. No. 4 Drainage Improvements, Alberta Drain Ph. 1

Good Afternoon Sergio,

Please see Testing Request Below:

Date of Service Requested: 12/21/2016 Wednesday

Project Name/Location: Pct. No. 4 Flood Drainage Improvements , Alberta Drain Ph. 1

Time of Needed Services: 03:00 PM

Type of Service Requested: Trench Backfill Compaction Densities For 72"RCP Drainage Line from about Sta. 24+43 to Sta. 26+15
(west of new Drainage Ditch).

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-
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-
Note: Testing Time had already been coordinated with S.Tovar

Thank You

*Jesse Alvarez
Construction Inspector
Hidalgo County Engineering Projects Office
902 Doolittle Rd.
Edinburg, Texas 78542*



REQUEST FOR SERVICES (CMT)

Date of Requested Services: 12-21-16 Time: 3:00 AM/PM AM PM

Project Name/Location: Alberta Drainage

Services Requested: Dens @ B/F for 72" RCP
(2 Locations)

Comments:

Signature of Owner's Authorized Representative: 

Printed Name of Representative: JESSE ALVAREZ

NUCLEAR MOISTURE DENSITY FIELD REPORT



Project Name: Alberta Drainage Project
 Client: Hidalgo County Precinct No.4
 P.O. # 747439

MEG Report Number: 01-16-19214-8-1
 Service Date: January 4, 2017
 Reported Date: January 5, 2017

GENERAL INFORMATION

Area Tested: 72" RCP Trench
 Material Description: Brown Sandy Clay
 Required % of Proctor: 92 Percent
 Required Moisture Range: -2 to +2
 Required Depth: 12 Inches

MOISTURE DENSITY RELATIONSHIP


Soil I.D.: N/A
 Material Type: Backfill
 Optimum Dry Density(pcf): 122.6
 Optimum Moisture(%): 11.8
 Lift Tested: 1st lift

FIELD DENSITY TEST DATA (ASTM D 6938)

Test Number	Test Location	Moisture Content	Dry Density	Percent Compaction	Depth Tested
1	72" RCP Trench STA 27+65 Center Line	13.2 % Pass	114.0 pcf	93.0 % Pass	12 (In.)
2	72" RCP Trench STA 29+50 Center Line	13.8 % Pass	113.5 pcf	92.6 % Pass	12 (In.)

Comment: Field testing done in general accordance with ASTM D 6938.

MILLENNIUM ENGINEERS GROUP, INC.
 TBPE FIRM No. F-3913


 Raul Palma, Senior Materials Engineer

Sergio Tovar (stovar@megengineers.com)

From: Jesse Alvarez <jose.alvarez@co.hidalgo.tx.us>
Sent: Tuesday, January 3, 2017 3:42 PM
To: stovar@megengineers.com
Cc: Raul Sesin; Eliza Yzaguirre; Noe Saldivar; jorge.gonzalez@hcdd1.org; Steven Cruz; Roman Rodriguez; Maria "Lulu" Lucio; Mellinnium; rpalma@megengineers.com; omar@ogbuild.com; Justin Borjas
Subject: County of Hidalgo Pct No 4 Flood Drainage Improvements, Alberta Drain Ph. 1

Good Afternoon Sergio,

Please see Testing Request Below:

Date of Service Requested: 01/04/2017 Wednesday

Project Name/Location: Pct. No. 4 Flood Drainage Improvements , Alberta Drain Ph. 1

Time of Needed Services: 10:30 AM

Type of Service Requested: Trench Backfill Compaction Densities For 72"RCP Drainage Line from Sta. 26+15 to about Sta. 30+50 (west of new Drainage Ditch).

Note: Testing Time had already been coordinated with S.Tovar

Thank You

Jesse Alvarez
Construction Inspector
County of Hidalgo Engineering Projects Office
902 Doolittle Rd.
Edinburg , Texas 78542
Office : 956-702-7000 ext 2029
Mobile:956-533-3992



REQUEST FOR SERVICES (CMT)

Date of Requested Services: 01-04-2017 Time: 10:30 AM / PM

Project Name/Location: ALBERTA DRAIN PH. 1

Services Requested: _____

Comments: _____

Signature of Owner's Authorized Representative: [Signature]

Printed Name of Representative: JESSE ALVAREZ



**Construction Materials Testing Proposal
Alberta Drain Project**

SOILS SECTION

Task: Backfill Sample at Roadway (Per Trip, 8 trips estimated)

Line Item	Qty.	Unit Rate	Estimated Cost
Soil Engineering Technician (hourly)	2.5	50.00	125.00
Standard Proctor (each)	1	200.00	200.00
Atterberg Limits (each)	1	70.00	70.00
Vehicle trip charge (each)	1	40.00	40.00
Test Report (each)	1	30.00	30.00
Project Engineer (hourly)	0.5	125.00	62.50
Project Management (hourly)	0.25	75.00	18.75
Clerical (hourly)	1	50.00	50.00
Sub-Total (per trip)	8	596.25	596.25
Sub-Total (per task)			4,770.00

Task: Backfill density testing at Roadway (Per Trip, 60 trips estimated)

Line Item	Qty.	Unit Rate	Estimated Cost
Soil Engineering Technician (hourly)	2.5	50.00	125.00
Nuclear density test (each)	3	28.00	84.00
Vehicle trip charge (each)	1	40.00	40.00
Test Report (each)	1	30.00	30.00
Project Engineer (hourly)	0.5	125.00	62.50
Project Management (hourly)	0.25	75.00	18.75
Clerical (hourly)	1	50.00	50.00
Sub-Total (per trip)	60	410.25	410.25
Sub-Total (per task)			24,615.00

Task: Flexible Base Sample at Roadway Trench (Per Sample, 2 samples estimated)

Line Item	Qty.	Unit Rate	Estimated Cost
Soil Engineering Technician (hourly)	2.5	50.00	125.00
Standard Proctor (each)	1	200.00	200.00
Atterberg Limits (each)	1	70.00	70.00
Sieve Analysis (each)	1	55.00	55.00
Wet Ball Mill (each)	-	210.00	-
Vehicle trip charge (each)	1	40.00	40.00
Test Report (each)	1	30.00	30.00
Project Engineer (hourly)	0.5	125.00	62.50
Project Management (hourly)	0.25	75.00	18.75
Clerical (hourly)	1	50.00	50.00
Sub-Total (per sample)	1	-	651.25
Sub-Total (per task)	2	651.25	1,302.50

Task: Flexible Base density testing at Roadway Trench (Per Trip, 30 trips estimated)

Line Item	Qty.	Unit Rate	Estimated Cost
Soil Engineering Technician (hourly)	2.5	50.00	125.00
Nuclear density test (each)	3	28.00	84.00
Vehicle trip charge (each)	1	40.00	40.00
Test Report (each)	1	30.00	30.00
Project Engineer (hourly)	0.50	125.00	62.50
Project Management (hourly)	0.25	75.00	18.75
Clerical (hourly)	1	50.00	50.00
Sub-Total (per trip)	1	-	410.25
Sub-Total (per task)	30	410.25	410.25

SOILS Section Total

42,995.00

Construction Materials Testing Services
 MEG Work Authorization No. 1
 June 20, 2016



CONCRETE SECTION

Task: Concrete testing at Spillway/Canal Riprap/Footing (Per Trip, 18 trips estimated)

Line Item	Qty.	Unit Rate	Estimated Cost
Concrete Engineering Technician (hourly)	5	55.00	275.00
Slump Test (each)	1	20.00	20.00
Air Content, Pressure (each)	1	25.00	25.00
Concrete Compressive Strength Test	4	16.00	64.00
Vehicle trip charge (each)	2	40.00	80.00
Test Report (each)	2	30.00	60.00
Project Engineer (hourly)	1.0	125.00	125.00
Project Management (hourly)	0.5	75.00	37.50
Clerical (hourly)	2	50.00	100.00
	1	-	786.50
Sub-Total (per trip)			14,157.00
Sub-Total (per task)	18	786.50	14,157.00

Concrete Section Total

14,157.00

Total Estimated Cost

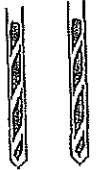
\$57,152.00



EXHIBIT "C"
ENGINEER'S CONTRACT FEE SCHEDULE

For the services to be provided by the ENGINEER the charge will be on the basis of the units and unit fee rates established in this schedule of tests, staff personnel services and additional services. The overtime premium, required by the Fair Labor Standards Act for nonexempt classifications, will be charged for overtime hours worked because of the County's requirements and its authorization. However, except for the overtime premium, the maximum charges shall not exceed the rates shown in this schedule.

SOILS AND AGGREGATE SECTION		\$50.00
Material Preparation Time (per hour).....		70.00
Atterberg Limits (each test).....		
Sieve Analysis		55.00
Dry through No. 40 (each test).....		12.00
Additional Sieves (each sieve).....		45.00
Percent Passing No. 200 Sieve (each test).....		
Moisture Density Relationship		200.00
Standard Proctor (each test).....		215.00
Modified Proctor (each test).....		215.00
TxDOT Proctor (each test).....		
Nuclear Density Test (In conjunction with Inspection)		28.00
Nuclear Density Test (min. 3, each test).....		6.00
Depth Test (each test).....		210.00
Wet Ball Mill (each test)		
Determination of Optimum Lime Content		275.00
PI Method -- (each test)		275.00
Tex 121-E - (each test)		275.00
PH Method-- (each test)		75.00
Additional Points (each point).....		750.00
California Bearing Ratio (each test).....		175.00
Additional Specimens (each specimen).....		13.00
Small Moisture Content of Aggregates and Base (each test).....		35.00
Large Moisture Content of Aggregates and Base (each test).....		85.00
Linear Shrinkage (each test)		80.00
pH (each test).....		90.00
Resistivity of Soils (each test)		75.00
Specific Gravity (each test).....		45.00
Unit Weight (each test).....		500.00
Soundness (each test)		80.00
Sulfate Content (each test).....		275.00
Hydrometer (each test).....		
BITUMINOUS SECTION		\$55.00
Material Preparation Time (per hour).....		
Sieve Analysis for Fine and Coarse Aggregate (Tex 200-F or ASTM)		55.00
Dry (each test).....		12.00
Additional Sieves (each sieve).....		





Sand Equivalent (each test)	75.00
Extraction & Gradation, Percent Asphalt (each test).....	250.00
Asphalt Cores (each core).....	60.00
Asphalt Core Density (each core).....	40.00
Thickness of Cores (each core).....	15.00
Theoretical Maximum Specific Gravity (each test)	60.00
Lab Density (each test).....	65.00
Effect of Water on Bituminous Paving Mixtures (each test)	75.00
Hveem Stability (each test).....	105.00
Coring Rig (per day).....	95.00
Asphaltic Concrete Design and Other Services	By Quote
Percent Passing No. 200 Sieve (per test).....	45.00
Molding Specimens (per set).....	60.00

CONCRETE SECTION

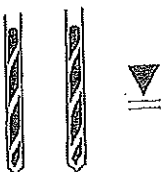
Material Preparation Time (per hour).....	\$55.00
Slump Test (In conjunction with Inspection)	
Slump Test (each test).....	20.00
Air Content of Fresh Concrete (In conjunction with Inspection)	
Pressure (each test).....	25.00
Volumetric (each test)	35.00
Concrete Cylinder Compressive Strength Test (each cylinder).....	16.00
Strip & Hold Cylinder (each cylinder).....	15.00
Concrete Beam Flexure Strength Test	
6x6x22 (each beam).....	40.00
Strip & Hold Beam (each beam).....	15.00
Concrete Cores By Circumference Area (Min. 100 sq. in.).....	2.00/sq. in.
Sawing of Concrete Cylinders or Cores (per end, per core).....	25.00
Thickness of Cores (each core).....	15.00
Coring Rig (per day).....	95.00
Portland Cement Concrete Design or other services	By Quote

MASONRY SECTION

Material Preparation Time (per hour).....	\$59.00
Grout Prism (each prism).....	24.00
Mortar Prism (each prism).....	24.00

SOIL EXPLORATION AND GEOTECHNICAL SERVICES

Drilled Borings	
In Soil, 0 - 50 feet (per foot).....	\$19.00
In Soil, 50 - 100 feet (per foot).....	22.50
In Rock	By Quote
Non-Conventional Drilling.....	By Quote
Standard Penetration Test (each test).....	12.00





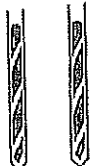
Texas Cone Penetration Test (each test).....	20.00
Shelby Tube Sampling (each test).....	20.00
Mobilization and Demobilization - In Rio Grande Valley (each trip)...	350.00
Mobilization and Demobilization - Outside Rio Grande Valley (each mile) 3.50/mile	
Mobilization of Non-Conventional Drilling Equipment	By Quote
Trip Charge For Logger (each mile).....	0.80
Standby Time, Rig plus 2 man crew (per hour).....	200.00
Well Installation.....	By Quote
Technician To Log Soil Test Boring (per hour).....	59.00
Field Coordination	
Field Engineer (per hour).....	115.00
Utility Clearance (per hour).....	70.00
Flagman (per hour).....	59.00
Per Diem (If required)	Cost + 15%
Unconfined Compression (each test).....	45.00
Moisture Content (each test).....	13.00
Grout Backfill (per foot).....	5.00
Dozer/Clearing	Cost + 15%
Asphalt Pavement Coring (each core).....	100.00
Concrete/Asphalt Patch (per location).....	75.00

TECHNICIAN SERVICES

Soil Engineering Technician (per hour) (Min. 2 Hrs).....	\$50.00
Concrete Engineering Technician (per hour) (Min. 2 Hrs).....	55.00
Asphalt Engineering Technician (per hour) (Min. 2 Hrs).....	55.00
Masonry Engineering Technician (per hour) (Min. 2 Hrs).....	59.00
Senior Engineering Technician (per hour).....	59.00
Plant Inspection, Reinforcing Steel Inspection, Etc. (Min. 2 Hrs)	
Construction Inspection Engineering Technician Time (per hour).....	59.00
Plant Inspection, Reinforcing Steel Inspection, Etc. (Min. 2 Hrs)	
Engineering Specialist (per hour).....	70.00
Pier Inspection, Pile Load Inspections, Etc. (Min. 2 Hrs)	
Certified Welding Inspector (per hour) (Min. 4 Hrs).....	90.00

OTHER SERVICES

Vehicle Trip Charge (per trip) (within 25 miles of office).....	\$40.00
Vehicle Trip Charge (per mile) (beyond 25 miles of office).....	0.80
Other Testing Not Specified (Option 1)	Cost + 15%
Other Testing Not Specified (Option 2) (per hour).....	56.00
Other Services, Outside Services or Supplies.....	Cost + 15%
Test Reports (each report).....	30.00
Clerical/Administrative (per hour).....	50.00
Fax (per page).....	1.00
Photocopies	
8 1/2" x 11" (per page).....	0.12





HIDALGO COUNTY
ENGINEER'S FEE SCHEDULE

8 1/2" x 14" (per page).....	0.15
11" x 17" (per page).....	0.20
Additional Insured (per request).....	200.00
PROFESSIONAL SERVICES	
Principal Engineer (per hour).....	\$165.00
Project Engineer (per hour).....	125.00
Staff Engineer (per hour).....	110.00
PROJECT MANAGEMENT AND COORDINATION OF SERVICES PROVIDED	
Applied to each invoice of net services provided	
Project Management (per hour).....	\$75.00

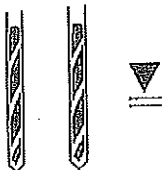
BASIC SERVICES AGREEMENT

MEG will charge overtime at the rate of 1.5 applicable for technicians for services performed before 7 AM and after 6 PM on Monday through Friday, after 8 continuous hours on the Client's project and on Saturday, Sunday and holidays.

Hours billed will be from our office at 5804 N. Gumwood, Pharr, Texas, port to port. Fractions of hours will be billed as whole hours. Technician hours will be billed a minimum of 2 hours.

Laboratory testing performed after normal work hours of 7 AM to 6 PM on Monday through Friday will be billed the test rate plus applicable overtime hourly charges.

Project management will be billed for report review, coordination and management of project personnel at a rate of one hour for every two reports.



Requisition

Req # 00303032

PO # 747439

Date: 07/27/16

Bill To: x
x

Vendor: 284009
MILLENNIUM ENGINEERS GROUP, INC.
P.O. BOX 4569
EDINBURG TX 78540-4569
FAX (956)383-0295

Ship To: HIDALGO CO. PCT 4
1051 N. DOOLITTLE
EDINBURG TX 78542

Contact: NICK PEREZ
956-383-3112

Contract No: C-16-173-07-06

Special Instructions:
PCT#943

QUANTITY	UOM	DESCRIPTION	UNIT PRICE	AMOUNT
1.00	LOT	C-16-173-07-06 EXP: 07/05/2016 Millennium Engineers Group, Inc. "Construction Material Testing / GEO Technical Services" for (job specific) project: "Alberta Drain" DO NOT DUPLICATE ORDER		
		CC "Construction Material Testing / GEO Technical Services" for (job specific) project: "Alberta Drain" within Hidalgo County Precinct No. 4	57,152.00	57,152.00
		Account No	<u>Encumbrance</u>	
		6-1200-431-00-124-177-0-339	57,152.00	
			Freight	.00
		Total	57,152.00	

Authorized By: _____

PO Number 727439
 PO Date 07-28-2016
 Requisition No 00303832
 Owner NPEREZ
 PO Type

Vendor No 284009
 Vendor Name MILLENNIUM ENGINEERS GROUP, INC.
 Address P.O. BOX 4569
 EDINBURG, TX 78540-4569

PO Total 57,152.00
 Payment Total 820.50

Detail		Header		Payment Info		Journals	
Line No	Ordered	Quantity Received	Canceled	Description	Unit Price	Amount	
1	1			"Construction Material Testing / GEO Technical Services" for (job s	57,152.000	57,152.00	
Total						57,152.00	
Account Number				Description	Amount	Amount Lq	
6-1200-431-00-124-177-0-339				PCT4 ALBERTA DRAIN-OTHER PROF SRV	57,152.00	820.50	