



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 with Purchase Order singly. Original invoices are required customer copy may be accepted. Our 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 Salazar



RECEIVED
MAY 03 2017

BY: *Pick Piz*

Invoice

Date	Invoice #
4/30/2017	619214-0517

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

INVOICE RECEIVED BY: *Pick Piz* on 5/3/17
GOODS/SERVICES RECEIVED BY: _____ on March 2017

Terms	Due Date	MEG Project
Due on receipt	4/30/2017	Alberta Drainage Project

Description	Qty	Rate	Amount
PO # 747439			
Report No. 01-16-19214-12-1			
Concrete Engr. Technician (hourly)	5	55.00	275.00
Air Content of Fresh Concrete (each)	1	25.00	25.00
Concrete Cylinders Compressive Strength Test (each)	4	16.00	64.00
Vehicle Trip Charge (each)	2	40.00	80.00
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
Report No. 01-16-19214-15-1			
Concrete Engr. Technician (hourly)	5	55.00	275.00
Air Content of Fresh Concrete (each)	1	25.00	25.00
Slump Test (each)	1	20.00	20.00
Concrete Cylinders Compressive Strength Test (each)	4	16.00	64.00
Vehicle Trip Charge (each)	2	40.00	80.00
Test Report (each)	12	30.00	360.00
Project Engineer (hourly)	1	125.00	125.00
Project Management (hourly)	0.5	75.00	37.50
Clerical (hourly)	1	50.00	50.00

7-1200-431- 00-124-177-0-339
PCT# 943
REQ# 303032
PO# 747439

Innovative. Experienced. Professional.

Total \$1,641.75

Payments/Credits \$0.00

Balance Due \$1,641.75

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

**CONCRETE INSPECTION SERVICES
FIELD TESTING REPORT**



Project Name: Alberta Drainage Project

MEG Report Number: 01-16-19214-12-1

Service Date: March 20, 2017

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

Reported Date: March 21, 2017

CONCRETE INSPECTION SERVICES

On 03/20/17 a representative of Millennium Engineers Group, Inc. was dispatched to the project site to perform inspection of the placement of ready mix concrete at the RipRap.

Set No.	Total Samples	Cylinder Size (In)	Time Sampled	Slump (In)	Air Content
2	4	4 x 8	9:20 a.m.	2 1/2"	1.8%

On 03/21/17 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 striped from their forms, properly labeled, and placed in curing tanks in preparation for compressive strength testing intervals of 7 and 28 days.

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

Raul Palma, Senior Materials Engineer

**CONCRETE INSPECTION SERVICES
FIELD TESTING REPORT**



Project Name: Alberta Drainage Project

MEG Report Number: 01-16-19214-15-1

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

Service Date: March 27, 2017

Reported Date: March 28, 2017

CONCRETE INSPECTION SERVICES

On 03/27/17 a representative of Millennium Engineers Group, Inc. was dispatched to the project site to perform inspection of the placement of ready mix concrete at the RipRap No. 1

Set No.	Total Samples	Cylinder Size (In)	Time Sampled	Slump (In)	Air Content
3	4	4 x 8	7:30 a.m.	2 3/4"	1.4%

On 03/28/17 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 striped from their forms, properly labeled, and placed in curing tanks in preparation for compressive strength testing intervals of 7 and 28 days.

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

Raul Palma, Senior Materials Engineer

CONCRETE COMPRESSIVE STRENGTH LABORATORY TESTING REPORT



Project Name: Alberta Drainage Project

MEG Report Number: 01-16-19214-11-1

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

Service Date: March 2, 2017

Reported Date: March 31, 2017

PLACEMENT AND SET DATA (ASTM C 31)

Mix I.D.:	3000 PSI	Structure:	Walls
Supplier:	CAPA	Location:	Canal Outlet Pipe, Wall Support at West Side
Specified Strength:	3000 psi at 28 days	Cubic Yards:	30 (CY)
Specified Slump:	3 Inches	Slump:	3 1/2 Inches
Specified Air Content:	N/A Percent	Air Content:	2.0 Percent
Truck Number:	543	Weather Conditions:	Cloudy Low Winds
Plant Ticket Number:	2037987	Ambient Air Temp.:	61 Degrees (F)
Time Batched:	9:00 AM	Concrete Temp.:	72 Degrees (F)
Time Sampled:	10:00 AM	Water Added:	0 (Gal.)
Cylinder Size:	4x8 Inch Cylinder		

COMPRESSIVE STRENGTH TEST DATA (ASTM C 39)

Specimen No.	Cross-sectional Area(sq. in.)	Test Date	Age (days)	Max. Load (lbs.)	Type of Fracture (1 - 6)	Compressive Strength (psi)	Test Result (Pass/Fail)
1A	12.57	3/9/17	7	32075	5	2552	
1C	12.57	3/30/17	28	49150	3	3910	Pass
1D	12.57	3/30/17	28	50985	2	4056	Pass
1E	12.57	3/30/17	28	48780	2	3881	Pass

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 specifications. Specimens not scheduled for testing will be discarded after 28 days.

Fracture Type: 1- Cone; 2- Cone/Split; 3- Columnar; 4- Shear; 5- Side Fracture; 6- Side Fracture, Pointed.


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

Raul Palma, Senior Materials Engineer

CONCRETE COMPRESSIVE STRENGTH LABORATORY TESTING REPORT



Project Name: Alberta Drainage Project

MEG Report Number: 01-16-19214-13-1

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

Service Date: March 20, 2017
Reported Date: March 27, 2017

PLACEMENT AND SET DATA (ASTM C 31)

Mix I.D.:	3038	Structure:	Rip Rap
Supplier:	Magic Valley Concrete	Location:	Rip Rap
Specified Strength:	3000 psi at 28 days	Cubic Yards:	10 (CY)
Specified Slump:	3.5 Inches	Slump:	2 1/2 Inches
Specified Air Content:	N/A Percent	Air Content:	1.8 Percent
Truck Number:	888	Weather Conditions:	Partly Cloudy
Plant Ticket Number:	348760	Ambient Air Temp.:	60 Degrees (F)
Time Batched:	8:47 AM	Concrete Temp.:	72 Degrees (F)
Time Sampled:	9:20 AM	Water Added:	0 (Gal.)
Cylinder Size:	4x8 Inch Cylinder		

COMPRESSIVE STRENGTH TEST DATA (ASTM C 39)

Specimen No.	Cross-sectional Area(sq. in.)	Test Date	Age (days)	Max. Load (lbs.)	Type of Fracture (1 - 6)	Compressive Strength (psi)	Test Result (Pass/Fail)
2A	12.57	3/27/17	7	40390	5	3213	

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 specifications. Specimens not scheduled for testing will be discarded after 28 days.

Fracture Type: 1- Cone; 2- Cone/Split; 3- Columnar; 4- Shear; 5- Side Fracture; 6- Side Fracture, Pointed.

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

Raul Palma, Senior Materials Engineer

**CONCRETE COMPRESSIVE STRENGTH
LABORATORY TESTING REPORT**



Project Name: Alberta Drainage Project

MEG Report Number: 01-16-19214-14-1

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

Service Date: March 20, 2017

Reported Date: March 27, 2017

PLACEMENT AND SET DATA (ASTM C 31)

Mix I.D.:	3038	Structure:	Rip Rap
Supplier:	Magic Valley Concrete	Location:	Rip Rap
Specified Strength:	3000 psi at 28 days	Cubic Yards:	10 (CY)
Specified Slump:	3.5 Inches	Slump:	2 1/2 Inches
Specified Air Content:	N/A Percent	Air Content:	1.8 Percent
Truck Number:	888	Weather Conditions:	Partly Cloudy
Plant Ticket Number:	348760	Ambient Air Temp.:	60 Degrees (F)
Time Batched:	8:47 AM	Concrete Temp.:	72 Degrees (F)
Time Sampled:	9:20 AM	Water Added:	0 (Gal.)
Cylinder Size:	4x8 Inch Cylinder		

COMPRESSIVE STRENGTH TEST DATA (ASTM C 39)

Specimen No.	Cross-sectional Area(sq. in.)	Test Date	Age (days)	Max. Load (lbs.)	Type of Fracture (1 - 6)	Compressive Strength (psi)	Test Result (Pass/Fail)
2A	12.57	3/27/17	7	40390	5	3213	
2B	12.57	4/17/17	28	57360	2	4563	Pass
2C	12.57	4/17/17	28	58755	3	4674	Pass
2D	12.57	4/17/17	28	57075	3	4541	Pass

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 specifications. Specimens not scheduled for testing will be discarded after 28 days.

Fracture Type: 1- Cone; 2- Cone/Split; 3- Columnar; 4- Shear; 5- Side Fracture; 6- Side Fracture, Pointed.

MILLENNIUM ENGINEERS GROUP, INC.

TBPE FIRM No. F-3913

Raul Palma, Senior Materials Engineer

CONCRETE COMPRESSIVE STRENGTH LABORATORY TESTING REPORT



Project Name: Alberta Drainage Project

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

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

Service Date: March 27, 2017

Reported Date: April 6, 2017

PLACEMENT AND SET DATA (ASTM C 31)

Mix I.D.:	3000	Structure:	Rip Rap
Supplier:	Magic Valley Concrete	Location:	Rip Rap #1
Specified Strength:	3000 psi at 28 days	Cubic Yards:	10 (CY)
Specified Slump:	3.5 Inches	Slump:	2 3/4 Inches
Specified Air Content:	N/A Percent	Air Content:	1.4 Percent
Truck Number:	0543	Weather Conditions:	Partly Cloudy
Plant Ticket Number:	2038518	Ambient Air Temp.:	68 Degrees (F)
Time Batched:	6:26 AM	Concrete Temp.:	75 Degrees (F)
Time Sampled:	7:30 AM	Water Added:	0 (Gal.)
Cylinder Size:	4x8 Inch Cylinder		


COMPRESSIVE STRENGTH TEST DATA (ASTM C 39)

Specimen No.	Cross-sectional Area(sq. in.)	Test Date	Age (days)	Max. Load (lbs.)	Type of Fracture (1 - 6)	Compressive Strength (psi)	Test Result (Pass/Fail)
3A	12.57	4/3/17	7	36127	5	2874	

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 specifications. Specimens not scheduled for testing will be discarded after 28 days.

Fracture Type: 1- Cone; 2- Cone/Split; 3- Columnar; 4- Shear; 5- Side Fracture; 6- Side Fracture, Pointed.

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



Raul Palma, Senior Materials Engineer

Zimbra

nick.perez@co.hidalgo.tx.us

Fwd: Pct No. 4 Flood Drainage Improvements, Alberta Drain

From : Maria Lucio <maria.lucio@co.hidalgo.tx.us>
Subject : Fwd: Pct No. 4 Flood Drainage Improvements, Alberta Drain
To : nick perez <nick.perez@co.hidalgo.tx.us>

Fri, May 12, 2017 09:25 AM

Sent from my iPhone

Begin forwarded message:

From: "Martha Tapia" <mtapia@megengineers.com>
Date: May 12, 2017 at 9:24:50 AM CDT
To: <maria.lucio@co.hidalgo.tx.us>
Subject: FW: Pct No. 4 Flood Drainage Improvements, Alberta Drain

This is the request for the March 27, 2017 work performed

From: Jose Alvarez [<mailto:jose.alvarez1@hcdd1.org>]
Sent: Monday, March 27, 2017 8:26 AM
To: Sergio Tovar
Cc: Raul Sesin; Eliza Yzaguirre; Noe Saldivar; Jorge Gonzalez; Justin Borjas; Humberto Palma; Humberto Palma
Subject: Pct No. 4 Flood Drainage Improvements, Alberta Drain

Good Morning Sergio,

Please see Testing Request Below:

Date of Service Requested: 03-27-17 MondayProject Name/Location: Pct No. 4 Flood Drainage
Improvements, Alberta Drain

Time of Needed Services: 07:00 AM

Type of Service Requested: 1 Set of Concrete
Cylinders for East Rip Rap No. 1 @ Sta. 0+00

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

Thank You

Jesse Alvarez

Construction Inspector
Hidalgo County Drainage District No. 1
Engineering Projects Office
902 N. Doolittle Road
Edinburg , Texas 78542
Phone: (956) 292-7000 ext. 2029
Mobile: (956) 929-0037
Jose.alvarez1@hcdd1.org

Sent from my iPhone

Zimbra

nick.perez@co.hidalgo.tx.us

Fwd: Pct No. 4 Flood Drainage Improvements, Alberta Drain

From : Maria Lucio <maria.lucio@co.hidalgo.tx.us>

Fri, May 12, 2017 09:25 AM

Subject : Fwd: Pct No. 4 Flood Drainage Improvements, Alberta Drain**To :** nick perez <nick.perez@co.hidalgo.tx.us>

Sent from my iPhone

Begin forwarded message:

From: "Martha Tapia" <mtapia@megengineers.com>
Date: May 12, 2017 at 9:24:24 AM CDT
To: <maria.lucio@co.hidalgo.tx.us>
Subject: **FW: Pct No. 4 Flood Drainage Improvements, Alberta Drain**

This is the request for March 20, 2017

From: Jose Alvarez [<mailto:jose.alvarez1@hcdd1.org>]
Sent: Thursday, March 16, 2017 3:39 PM
To: Sergio Tovar
Cc: Raul Sesin; Eliza Yzaguirre; Noe Saldivar; Justin Borjas; Humberto Palma; Humberto Palma; omar@ogbuild.com
Subject: Pct No. 4 Flood Drainage Improvements, Alberta Drain

Good Afternoon Sergio,

Please see Testing Request Below:

Date of Service Requested: 03-20-17 MondayProject Name/Location: Pct No. 4 Flood Drainage
Improvements, Alberta Drain

Time of Needed Services: 09:00 AM

Type of Service Requested: 1 Set of Concrete
Cylinders for East Rip Rap @ Sta. 0+00

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

Thank You

Jesse Alvarez

Construction Inspector
Hidalgo County Drainage District No. 1
Engineering Projects Office
902 N. Doolittle Road
Edinburg , Texas 78542
Phone: (956) 292-7000 ext. 2029
Mobile: (956) 929-0037
Jose.alvarez1@hcdd1.org

Sent from my iPhone
