



**CONSENT AGENDA  
DRAINAGE DISTRICT  
BOARD OF DIRECTORS  
January 10, 2017  
9:00 A.M.**

**NOTICE is hereby given in accordance with Chapter 551, Texas Government Code, that a SPECIAL MEETING of the Drainage District #1 Board of Directors will be held in the Commissioners' Courtroom of the Administration Building, 100 E. Cano, 1st floor, Edinburg, Hidalgo County, Texas. Discussion and possible action relating to the following business will be transacted:**

**NOTICE TO THE PUBLIC  
CONSENT AGENDA**

**The following items are of a routine or administrative nature. The Drainage District #1 Board has been furnished with background and support on each item, and/or it has been discussed at a previous meeting. All items will be acted upon by one vote without being discussed separately unless requested by a Board Member, in which event the item or items will immediately be withdrawn for individual consideration in its normal sequence after the items not requiring separate discussion have been acted upon. The remaining items will be adopted by one vote.**

1. Approval of check register and payment of claims and bills - County Treasurer
2. **AI -57812** Discharge Permit  
Garza-Garza Consulting Engineers- Campana at 88 Phase 1 Subdivision
3. **AI -57934** Discharge Permit  
K.K. Engineering- Bon Viejo Phase 2 Subdivision
4. **AI -57820** Discharge Permit  
K.K. Engineering- Del Rey Estates Unit 2 Subdivision
5. **AI -57783** 2013 Bond Payments, Mercedes Lateral Projects, Professional Surveying Services.  
Request approval of payment to Quintanilla, Headly and Associates, Inc., for surveying services for the Mercedes Lateral Project, in the amount of \$30,500. Contract No. C - HCDD1 - 16051-10-04 P.O. # 630509

6. **AI -57967 2013 Bond Projects: Engineering Firm: L&G Consulting Engineers, Inc.**  
A. Invoice No. 11325936 in the amount of \$17,694.74 pertaining to Work Authorization No. 5 for Engineering Services in the La Joya Watershed Improvement Project for the month of September 2016 PO# 625396  
  
B. Invoice No. 16-12-000009 in the amount of \$174.53 pertaining to Work Authorization No. 4 for Material Testing in the J-09 Drain Improvement Ph. II (Rio Grande Care Rd. to N. Main Drain) PO# 629471  
  
C. Invoice No. 16-12-000008 in the amount of \$820.72 pertaining to Work Authorization No. 2 for Engineering Services in the Hoehn Road Area Drainage & Road Improvements PO# 628202
7. **AI -57965 Engineering Firm: Halff Associates, Inc.**  
A. Invoice No. M218969 in the amount of \$5,518.87 pertaining to Work Authorization No. 2 for Professional Services Rendered through November 6, 2016 for the District Former Firing Range Berm PO# 629455  
  
B. Invoice No. M219499 in the amount of \$1,860.00 pertaining to Work Authorization No. 2 for Professional Services Rendered through December 4, 2016 for the District Former Firing Range Berm PO# 629455
8. **AI -57966 Engineering Firm: TEDSI Infrastructure Group 2012 Bond**  
Invoice No. 20162925 in the amount of \$1,020.00 pertaining to Work Authorization No. 12 Legal Rights Services for the Lower Rio Grande Valley Regional Water Management Program (Delta Watershed) PO# 623665
9. **AI -57836** Ratification of the fully executed Change Orders No. 1, 2, 3, 4, & 5, in connection with contract No. C-16-031A-08-09 -Hidalgo County Drainage District No. 1 "Hidalgo County Precinct No. 1 -Mile 6 West & Mile 14 North Area Drainage Improvements Project" as recommended and approved by Mr. Raul Sesin, P.E. subject to compliance with HB1295 when and if applicable.
10. **AI -57964** Clarification purposes only for Agenda Item No. 57749 (B) amount should be \$79,758.15 payable to Sierra Title of Hidalgo County, Inc.

**AI -57812**

**2.**

**DRAINAGE - CONSENT**

Meeting Date: 01/10/2017

Submitted For: Esther Layton

Submitted By: Esther Layton, DRAINAGE  
DISTRICT

Department: DRAINAGE DISTRICT

---

Information

CAPTION

Discharge Permit

Garza-Garza Consulting Engineers- Campana at 88 Phase 1 Subdivision

BACKGROUND

---

Fiscal Impact

Attachments

Discharge Permit

---

**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	01/06/2017 05:36 PM
Form Started By: Esther Layton		Started On: 12/15/2016 10:26 AM
Final Approval Date: 01/06/2017		

APPLICATION FOR DISCHARGING STORM WATER INTO HCDD1 SYSTEM AND/OR HCID SYSTEM

Applicant: W. GLENN BELL, JR. Permit No: \_\_\_\_\_

Address: 3801 S. TEXAS WESLACO, TX 78596

Subdivision Name: CAMPANA AT 88 PHASE 1

Name of Receiving Ditch: 10F1C (Irrigation District Ditch)

Location or Drainage Area (Furnish Location Map): MAP ATTACHED / CITY OF ELSA AREA

X (coordinate): 16628953.9895' Y (coordinate): 1151137.2408'  
(NAD 1983 Texas South FIPS 4205 feet)

New or existing entrance: NEW Calculated Discharge (Q): 10.12

Number of Acres Developed: 15.75 Size of Discharge Structure: 24"

Discharge Flow line of Discharge Structure: 57.78

Flow line Receiving Ditch: 56.00 Top of Water Receiving Ditch: 57.50

Top of Receiving Ditch Elevation: 63.00 Top of water of Connecting Ditch Lateral: 56.50

TXDOT HYDRAULIC MANUAL

Head Loss Calculated: 0.65 Formula Used: NOMOGRAPH K

Project Engineer: INEZ B. GARZA GARZA-GARZA CONSULTING ENGINEERS  
(Engineer's Name) (Firm's Name)

3011 SAN FELIPE ST; SAN JUAN, TX 78589 956.451.4729  
(Address) (Phone #) (Fax #)

[Signature] 11/30/16  
(Engineer Signature) (Date)

\*Owner shall be considered a City with the appropriate review boards considering/granting approval to subdivision; otherwise owner/developer signature will be required.

[Signature] ELSA \_\_\_\_\_  
(Mayor's Signature) (City of) (Owner's Signature) Date

Alonso R. Perez Jr  
(Mayor-Print Name) (Date)

APPROVAL OF IRRIGATION DISTRICT

This is to certify that we have reviewed the above application and we hereby approve the plan and application as shown. If not an Irrigation District facility, please fill out info and initial next to statement:

Irrigation District  
By (Printed Name): Randall Winston Signature: [Signature]  
Title: General Manager Date: 12/14/2016  
HCID #9

Not an Irrigation District Facility Inez B. Garza

APPROVAL OF DRAINAGE DISTRICT

APPROVED this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_.

By: \_\_\_\_\_  
(Chairman of the Board HCDD1)

\*\* This application requires Board of Director's approval. Irrigation District approval, if required, will be needed before HCDD1 may consider formal action on application. Please submit application, to the District, on Tuesday's before 5:00 p.m. to be placed on Board of Director's meeting the following Tuesday.

**AI -57934**

**3.**

**DRAINAGE - CONSENT**

Meeting Date: 01/10/2017

Submitted For: Esther Layton

Submitted By: Esther Layton, DRAINAGE  
DISTRICT

Department: DRAINAGE DISTRICT

---

Information

CAPTION

Discharge Permit

K.K. Engineering- Bon Viejo Phase 2 Subdivision

BACKGROUND

---

Fiscal Impact

Attachments

Discharge Permit

---

**Form Review**

**Inbox**

**Reviewed By**

**Date**

Final Approval

Monica Badillo

01/06/2017 05:36 PM

Form Started By: Esther Layton

Started On: 01/05/2017 11:26 AM

Final Approval Date: 01/06/2017

APPLICATION FOR DISCHARGING STORM WATER  
INTO H.C.D.D. NO. 1 SYSTEM\*\*

Applicant: Kyndel W. Bennett, President

Address: P.O. Box 365 La Blanca TX, 78558

Subdivision Name: Bon Viejo Phase 2

Name of Receiving Ditch: Donna Irrigation Dist. H.C. #1

Location or Drainage Area (Furnish Location Map): Approx. 2000' West of FM 493 on the  
South Side of Mile 13 North Road.

X(coordinate): 1133080.61 Y(coordinate): 16612268.48  
(NAD 1983 Texas South FIPS 4205 feet)

New or existing entrance: New Calculated Run-off: 31 cfs

Number of Acres Developed: 35.55 Gross Size of Pipe: 30"

Size of Box Culvert: N/A Ditch Lateral (size of entrance) sq. ft.: N/A

Discharge Flow line of Pipe, Box Culvert, Ditch Lateral: 67.50

Flow line Receiving Ditch: 67.00 Top of Water Receiving Ditch: ±67.50

Top of Ditch Elevation: 79 Top of water of Connecting Ditch Lateral: N/A

Head Loss Calculated: 4.4 Formula Used: TX DOT Hydraulic Nomograph K

Project Engineer: Kambiz S. Khademi P.E. *Kambiz S. Khademi* 12-12-16 K.K. Engineering  
(Engineer's Name) (Firm's Name) 1334  
410 E. Dove Ave. McAllen, TX 78504 (956) 630-2125 (956) 630-2219  
(Address) (Phone #) (Fax #)

\*Owner shall be considered a City with the appropriate review boards considering/granting approval to subdivision; otherwise owner/developer signature will be required.

*[Signature]*  
(Owner's Signature) : Kyndel W. Bennett

\_\_\_\_\_  
(Mayor's Signature) (City of)

\_\_\_\_\_  
(Mayor-Print Name) (Date)

APPROVAL OF IRRIGATION DISTRICT

This is to certify that we have reviewed the above application and we hereby approve the plan and application as shown.

(Irrigation District): Donna IRR. Dist. H.C. #1

By: *[Signature]*

Title: General Manager

Date: 12-27-16

If not an Irrigation District facility, please sign on line below as acknowledgement:

\_\_\_\_\_  
(Irrigation District)

APPROVAL OF DRAINAGE DISTRICT

APPROVED this \_\_\_\_\_ day of \_\_\_\_\_, 201\_\_.

By: \_\_\_\_\_  
(Hidalgo County Drainage District Number One)

\*\* This application requires Board of Director's approval. Please submit application, to the District, on Tuesday's before 5:00 p.m. to be placed on Board of Director's meeting the following Tuesday.

**AI -57820**

**4.**

**DRAINAGE - CONSENT**

Meeting Date: 01/10/2017

Submitted For: Esther Layton

Submitted By: Esther Layton, DRAINAGE  
DISTRICT

Department: DRAINAGE DISTRICT

---

Information

CAPTION

Discharge Permit

K.K. Engineering- Del Rey Estates Unit 2 Subdivision

BACKGROUND

---

Fiscal Impact

Attachments

Discharge Permit

---

**Form Review**

**Inbox**

**Reviewed By**

**Date**

Final Approval

Monica Badillo

01/06/2017 05:36 PM

Form Started By: Esther Layton

Started On: 12/16/2016 08:57 AM

Final Approval Date: 01/06/2017

APPLICATION FOR DISCHARGING STORM WATER  
INTO H.C.D.D. NO. 1 SYSTEM\*\*

Applicant: Kyndel W. Bennett, President

Address: P.O. Box 365 La Blanca TX, 78558

Subdivision Name: Del Rey Estates Unit 2

Name of Receiving Ditch: South Main Drain (HCDD #1)

Location or Drainage Area (Furnish Location Map): South West of Canton & Alamo roads

X(coordinate): 11096657.34 Y(coordinate): 16621769.74  
(NAD 1983 Texas South FIPS 4205 feet)

New or existing entrance: New Calculated Run-off: 77 cfs

Number of Acres Developed: 113.25 Size of Pipe: 48"

Size of Box Culvert: N/A Ditch Lateral (size of entrance) sq. ft.: N/A

Discharge Flow line of Pipe, Box Culvert, Ditch Lateral: 80

Flow line Receiving Ditch: 78.00 Top of Water Receiving Ditch: ±80

Top of Ditch Elevation: 90 Top of water of Connecting Ditch Lateral: N/A

Head Loss Calculated: 7 Formula Used: TX DOT Hydraulic Nomograph K

Project Engineer: Kambiz S. Khademi P.E. *Kambiz S. Khademi* K.K. Engineering  
(Engineer's Name) 12-12-16 (Firm's Name) 1334

410 E. Dove Ave. McAllen, TX 78504 (956) 630-2125 (956) 630-2219  
(Address) (Phone #) (Fax #)

\*Owner shall be considered a City with the appropriate review boards considering/granting approval to subdivision; otherwise owner/developer signature will be required.

*[Signature]*  
(Owner's Signature): Kyndel W. Bennett

N/A  
(Mayor's Signature) (City of)

(Mayor-Print Name) (Date)

APPROVAL OF IRRIGATION DISTRICT

This is to certify that we have reviewed the above application and we hereby approve the plan and application as shown.

N/A  
(Irrigation District): HCID#2

By: Sonny Hinojosa

Title: General Manager

Date: \_\_\_\_\_

If not an Irrigation District facility, please sign on line below as acknowledgement:  
*SONNY HINOJOSA, DIST. MANAGER HEIDAZ SAID WILL NOT SIGN SINCE NOT THEIR DITCH*  
*[Signature]*  
(Irrigation District)

APPROVAL OF DRAINAGE DISTRICT

APPROVED this \_\_\_\_\_ day of \_\_\_\_\_, 201\_\_.

By: \_\_\_\_\_  
(Hidalgo County Drainage District Number One)

\*\* This application requires Board of Director's approval. Please submit application, to the District, on Tuesday's before 5:00 p.m. to be placed on Board of Director's meeting the following Tuesday.

**AI -57783**

**5.**

**DRAINAGE - CONSENT**

Meeting Date: 01/10/2017

Submitted For: Lora Briones

Submitted By: Lora Briones, DRAINAGE  
DISTRICT

Department: DRAINAGE DISTRICT

---

Information

CAPTION

2013 Bond Payments, Mercedes Lateral Projects, Professional Surveying Services. Request approval of payment to Quintanilla, Headly and Associates, Inc., for surveying services for the Mercedes Lateral Project, in the amount of \$30,500. Contract No. C - HCDD1 - 16051-10-04 P.O. # 630509

BACKGROUND

---

Fiscal Impact

Attachments

Q,H and Asso invoice No. 9558

---

**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	01/06/2017 05:36 PM
Form Started By: Lora Briones		Started On: 12/12/2016 09:57 AM
Final Approval Date: 01/06/2017		



QUINTANILLA, HEADLEY AND ASSOCIATES, INC.

Consulting Engineers ★ Land Surveyors  
Alfonso Quintanilla, P.E. # 95534 - R.P.L.S #4856  
Eulalio Ramirez, P.E. # 77062  
Engineering Firm Registration No. F-1513  
Surveying Firm Registration No. 100411-00  
www.qhaengineering.com

RECEIVED  
HIDALGO COUNTY  
DRAINAGE DISTRICT #1

NOV 17 2016

10:15 AM / PM  
BY:

## Letter of Transmittal

To: Hidalgo County Drainage Dist. No. 1  
902 N. Doolittle Road  
Edinburg, Texas 78539

Date: November 17, 2016  
Attention: Noe Saldivar, P.E.  
Re: Mercedes Lateral Project  
Contract No. C-HCDD1-16-051-10-04

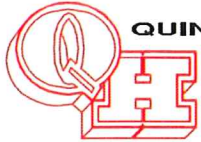
### Description:

- ❖ 1 Full Size Set of Plans (Hard Copy)
- ❖ 1 Set of CAD Plans (Digital File)
- ❖ Digital File with ROW Easements (PDF Format)
- ❖ Invoice # 9558 for \$30,500.00

Remarks: Please review and process for payment. Thank you

Sent By: Norma for Alfonso Quintanilla, P.E. Delivered By: \_\_\_\_\_

Received By: \_\_\_\_\_ Time: \_\_\_\_\_  
Printed Name



**QUINTANILLA, HEADLEY AND ASSOCIATES, INC.**

**Consulting Engineers ★ Land Surveyors**

Alfonso Quintanilla, P.E. #95534 R.P.L.S. # 4856 Eulalio Ramirez, P.E. # 77062  
Engineering Firm Registration No. F-1513  
Surveying Firm Registration No. 100411-00  
Municipal & County Projects ★ Subdivisions ★ Surveys  
124 E. Stubbs, Edinburg, Texas 78539  
Phone 956/381-6480 Fax 956/381-0527  
Email: [office@qhaengineering.com](mailto:office@qhaengineering.com)  
[www.qhaengineering.com](http://www.qhaengineering.com)

DATE	INVOICE No.
11/10/2016	9558

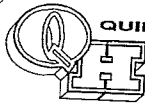
**BILL TO**

**RECEIVED**  
HIDALGO COUNTY  
DRAINAGE DISTRICT #1

Hidalgo County Drainage Dist. No.1  
Attn: Noe Saldivar, P.E.  
902 N. Doolittle Road  
Edinburg, Texas 78539

NOV 17 2016  
10:15 AM  
BY:

DESCRIPTION OF SERVICES	AMOUNT
PROJECT: MERCEDES LATERAL PROJECT-PROFESSIONAL SURVEYING SERVICES CONTRACT No. C-HCDD1-16-051-10-04 PAYMENT REQUEST No. 1 PURCHASE ORDER # 630509 CONTRACT AMOUNT \$30,500.00 (100% COMPLETE) AMOUNT EARNED TO DATE AND DUE \$30,500.00	30,500.00
PROFESSIONAL SURVEYOR SERVICES AS FOLLOW: 1) RECOVER CONTROL MONUMENTS 2) RECOVER EXISTING PROPERTY CORNERS 3) PERFORM FIELD SURVEY AND SET PROPERTY CORNERS	
BREAKDOWN FOR PAYMENT REQUEST No.1 R.P.L.S.: 20 HOURS @ \$160.00 = \$ 3,200.00 3-MAN SURVEY CREW: 160 HOURS @ \$150.00 = \$ 24,000.00 COMPUTER TECHNICIAN: 20 HOURS @ \$85.00 = \$ 1,700.00 ADMINISTRATIVE: 10 HOURS @ \$ 60.00 = \$ 600.00 RESEARCH: 20 HOURS @ 50.00 = \$ 1,000.00 TOTAL: \$30,500.00	0.00
<b>We appreciate your business!</b>	
	 11/23/16 \$30,500.00



**QUINTANILLA, HEADLEY AND ASSOCIATES, INC.**

**Consulting Engineers \* Land Surveyors**  
124 E. Stubbs, Edinburg, Texas 78539

Afonso Quintanilla, P.E., R.P.L.S.  
Eulalio Ramirez, P.E.

Engineering Firm  
Registration No. F-1513  
Surveying Firm  
Registration No. 100411-00

HCDD No.1  
Mercedes Lateral Project  
Contract No. C-HCDD1-16-051-10-04  
Plans & ROW Easements  
November 17, 2016

AI -57967

6.

**DRAINAGE - CONSENT**

Meeting Date: 01/10/2017

Submitted For: Lora Briones

Submitted By: Lora Briones, DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

**2013 Bond Projects: Engineering Firm: L&G Consulting Engineers, Inc.**

A. Invoice No. 11325936 in the amount of \$17,694.74 pertaining to Work Authorization No. 5 for Engineering Services in the La Joya Watershed Improvement Project for the month of September 2016 PO# 625396

B. Invoice No. 16-12-000009 in the amount of \$174.53 pertaining to Work Authorization No. 4 for Material Testing in the J-09 Drain Improvement Ph. II (Rio Grande Care Rd. to N. Main Drain) PO# 629471

C. Invoice No. 16-12-000008 in the amount of \$820.72 pertaining to Work Authorization No. 2 for Engineering Services in the Hoehn Road Area Drainage & Road Improvements PO# 628202

BACKGROUND

Fiscal Impact

Attachments

L&G Engineering Invoice No. 11325936

L&G Engineering Invoice No. 16-12-000009

L&G Engineering Invoice No. 16-12-000008

**Form Review**

**Inbox**

**Reviewed By**

**Date**

Final Approval

Monica Badillo

01/06/2017 05:36 PM

Form Started By: Lora Briones

Started On: 01/06/2017 08:28 AM

Final Approval Date: 01/06/2017



# Hidalgo County Drainage District No. 1

902 North Doolittle Road, Edinburg, TX 78542 Office: 956-292-7080

## Invoice Processing Routing Slip

Invoice/ Backup

Date Received: 10/13/2016

Engineer/Firm Name: L&G Engineering

Project Name/Number: La Joya Watershed Improv. Project, WA No. 5

Invoice No.: 11325936

Invoice Date: 9/30/2016

Due Date: 11/12/2016

Purchase Order No.: 626943

Amount: \$17,694.74

Total # of Pages Submitted: 13

Attachments:  CD  USB  Plans Other: \_\_\_\_\_

Engineering:  Construction:

Received By: Maria Perez

### Forwarded to:

Nora D. Cavazos \_\_\_\_\_ Date: \_\_\_\_\_

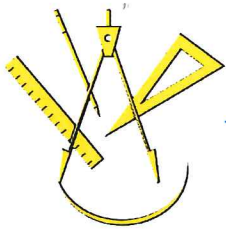
Esther Layton \_\_\_\_\_ Date: \_\_\_\_\_

Claudette Guerrero \_\_\_\_\_ Date: \_\_\_\_\_

Jose N. Saldivar \_\_\_\_\_ Date: \_\_\_\_\_

Lora Briones \_\_\_\_\_ Date: \_\_\_\_\_

Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# L&G Engineering

Transportation Consultants

October 3, 2016

RECEIVED  
HIDALGO COUNTY  
DRAINAGE DISTRICT #1

OCT 12 2016

4:10 AM/PM

BY: *[Signature]*

Mr. Raul E. Segin, P.E. – District Manager  
**Attn: Ms. Lora Briones – Chief Financial Officer**  
 Hidalgo County Drainage District #1  
 902 N. Doolittle  
 Edinburg, Texas 78542

**RE: Work Authorization #5 on La Joya Watershed Improvement Project**  
**Job #130105**  
**P.O. #626943**

Dear Mr. Segin,

Attached for your review and approval is our progress report for the month of September 2016 on the subject referenced project.

CROSS CULVERTS		% Complete
16101 - Task 1-Drainage area maps - existing conditions/proposed improvements	L&G	100%
<b>Task is complete – see progress report dated 06-01-2015</b>		
16102 - Task 2-Hydologic data/discharge determination	L&G	100%
<b>Task is complete – see progress report dated 06-01-2015</b>		
16103 - Task 3-Design Wier of Siphon to circumvent existing HP Gas Lines	L&G	95%
<p>A meeting was held with TxDOT. At the meeting TxDOT addressed all of the comments/concerns that L&amp;G Engineering emailed to TxDOT on July 29, 2016. At the meeting TxDOT agreed to accept the parcels in the name of the state, but also said that they were fine if the County wanted to buy the parcels in the name of the county. TxDOT told L&amp;G Engineering that they could proceed to acquire the parcels north of 83 if L&amp;G and the County are ready to begin acquisition. The only parcel that TxDOT did not want L&amp;G/County to purchase is the parcel in which the five compensable gas lines lie. TxDOT will handle that parcel through condemnation since TxDOT is in discussions with the gas companies on other parcels located throughout the roadway project. TxDOT said that they had hired Cobb Findley to coordinate the compensable utilities along the outfall north of Expressway 83. TxDOT reviewed the discrepancies that were noted by L&amp;G Engineering and are double checking their survey work. TxDOT has Cobb Fendley double checking their survey work as well and will provide L&amp;G Engineering with a directive as soon as they have come to a conclusion. TxDOT agreed that all request to modify sheets will be directed through the TxDOT PM, so that TxDOT is aware and in agreement with</p>		

all requests that are being made. L&G is waiting for TxDOT to verify Cobb Findley's survey work and to request that L&G make modifications to the plan sheets.		
16104 - Task 4-Culverts Layouts	L&G	100%
<b>Task is complete – see progress report dated 06-01-2015</b>		
16105 - Task 5-Determine Impact - Proposed Drainage Plan	L&G	100%
<b>Task is complete – see progress report dated 06-01-2015</b>		
16106 - Task 6-Determine and Identify the utility adjustments for the cross-culvert in cord with TxDOT	L&G	100%
<b>Task is complete – see progress report dated 06-01-2015</b>		
16107 - Task 7-Summary of Quantities	L&G	100%
<b>Task is complete – see progress report dated 06-01-2015</b>		
16108 - Task 8-Specifications, General Notes and Standards for inclusion in TxDOT Plans	L&G	100%
<b>Task is complete – see progress report dated 06-01-2015</b>		
COMPENSABLE UTILITIES		
61001 - Task 9-Preliminary Design Consultations	L&G	100%
<b>Task is complete – see progress report dated 10-01-2015</b>		
61002 - Task 10-Field Observations and Verifications	L&G	100%
<b>Task is complete – see progress report dated 06-01-2015</b>		
61003 - Task 11-Exchange of Information with Utility Providers	L&G	100%
L&G Engineering provided the gas companies with the design layouts at the gas line crossings.		
61004 - Task 12-Confirmation of Property Interests	L&G	100%
A pipeline right-of-way and easement agreement was provided to L&G Engineering.		
61005 - Task 13-Develop and execute release of Easements	L&G	0%
This task is ongoing.		
61006 - Task 14-Coordination and Development of Joint Use Agreements	L&G	0%

This task is ongoing.		
61007 - Task 15-Utility meetings throughout project development	L&G	100%
A meeting was held in which TxDOT agreed that they would coordinate with the gas companies about adjusting their lines. <b>Task is complete.</b>		
RIGHT-OF-WAY ACQUISITION		
60000 - ROW Acquisition Administration	L&G	94.7%
Project presence has been established at 900 S. Stewart Road in Mission, Texas 78572 @ L&G Engineering-Transportation Consulting Engineers Right of Way Office. The office is open during normal County and State work hours with available personnel to answer questions about the project. One staff member is a current commissioned notary. Appraisals are complete and have been submitted to the review appraiser. The title commitments continue to be worked on. Negotiations should start in December. <b>No Invoice.</b>		
60001 - Title Services	L&G	100%
<b>This task is now complete.</b>		
60002 - Appraisal Services	L&G	100%
<b>This task is now complete.</b>		
60030 - Appraisal Services / SUB	LGA	100%
<b>This task is now complete.</b>		
60003 - Appraisal Review	L&G	100%
<b>This task is now complete.</b>		
60040 - Appraisal Review / SUB	HLH	100%
<b>This task is now complete.</b>		
60004 - Parcel Negotiations	L&G	80%
5 of 6 parcels have had offers made.		
60005 - Closing Service Fees	L&G	0%
<b>NO UPDATE: This task has not begun yet.</b>		

Should you have any questions regarding this submittal or would like clarification on any aspect of the project, please do not hesitate to call me at (956) 585-1909.

Sincerely,

Armando J. Sandoval, P.E.  
Project Manager L&G Engineering

**L & G Consulting Engineers Inc**  
**2100 W. Expressway 83**  
**Mercedes, TX 78570**  
**(956)565-9813 Fax (956)565-9018**

**INVOICE#: 11325936**  
**INVOICE DATE: 9/30/2016**

**RECEIVED**  
 HIDALGO COUNTY  
 DRAINAGE DISTRICT #1

**BILL TO:**  
 Hidalgo County Drainage District#1  
 902 N. Doolittle  
 Edinburg, TX 78542

OCT 12 2016  
 4:10 AM / PM  
 BY: MTP

**JOB:130105**  
**La Joya Watershed Imp**  
**WA#5**  
**PO #625396**

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of September 2016.						
16101 - Task 1-Drainage area maps - existing conditions/propose	6,827.76	6,827.76		6,827.76	100.0	-
16102 - Task 2-Hydologic data/discharge determination	4,426.80	4,426.80		4,426.80	100.0	-
16103 - Task 3-Design Wier of Siphon to circumvent existing HP	17,894.72	16,105.25	894.74	16,999.99	95.0	894.73
16104 - Task 4-Culverts Layouts	6,527.64	6,527.64		6,527.64	100.0	-
16105 - Task 5-Derermine Impact - Proposed Drainage Plan	3,301.36	3,301.36		3,301.36	100.0	-
16106 - Task 6-Deternine and Identify the utility adjustments for th	12,529.92	12,529.92		12,529.92	100.0	-
16107 - Task 7-Summary of Quantities	3,901.60	3,901.60		3,901.60	100.0	-
16108 - Task 8-Specifications, General Notes and Standards for i	9,341.40	9,341.40		9,341.40	100.0	-
61001 - Task 9-Preliminary Design Consultations	7,502.80	7,502.80		7,502.80	100.0	-
61002 - Task 10-Field Observations and Verifications	9,628.60	9,628.60		9,628.60	100.0	-
61003 - Task 11-Exchange of Information with Utility Providers	15,005.60	15,005.60		15,005.60	100.0	-
61004 - Task 12-Confirmation of Property Interests	15,005.60	15,005.60		15,005.60	100.0	-
61005 - Task 13-Develop and execute release of Easements	20,638.97			0.00	0.0	20,638.97
61006 - Task 14-Coordination and Development of Joint Use Agre	10,754.00			0.00	0.0	10,754.00
61007 - Task 15-Utility meetings throughout project development	8,503.20	8,503.20		8,503.20	100.0	-
60000 - ROW Acquisition Administration	35,700.00	33,807.90		33,807.90	94.7	1,892.10
60001 - Title Services	3,600.00	3,600.00		3,600.00	100.0	-
60002 - Appraisal Services	3,000.00	3,000.00		3,000.00	100.0	-
60030-Appraisal Services / SUB	13,500.00	13,500.00		13,500.00	100.0	-
60003 - Appraisal Review	2,100.00	2,100.00		2,100.00	100.0	-
60040 - Appraisal Review / SUB	2,700.00	2,700.00		2,700.00	100.0	-
60004 - Parcel Negotiations	21,000.00		16,800.00	16,800.00	80.0	4,200.00
60005 - Closing Service Fees	1,200.00			0.00	0.0	1,200.00
<b>TOTALS:</b>	<u>234,589.97</u>	<u>177,315.43</u>	<u>17,694.74</u>	<u>195,010.17</u>	83.1	<u>39,579.80</u>

ORIGINAL CONTRACT SUM \$ 234,589.97  
 CHANGE BY CHANGE ORDER \$ 0.00  
 CONTRACT SUM TO DATE \$ 234,589.97  
 TOTAL COMPLETED TO DATE \$ 195,010.17  
 LESS PREVIOUS INVOICES \$ 177,315.43

PROJECT MANAGER'S SIGNATURE

CURRENT PAYMENT DUE \$ 17,694.74

*ajo*

L&G Consulting Engineers, Inc  
 2100 W. Expressway 83  
 Mercedes, Texas 78570  
 (956) 565-9813

**Project Workhour Report**

La Joya Watershed Improvements WA#5  
 Reference: Inv#11325936  
 Date: 9/30/2016  
 P.O.#626943

	Hrs		Rate	Total
Project Engineer	1.80	X	121.92	\$219.46
Design Engineer	2.00	X	112.55	\$225.10
ROW Administrator	0.00	X	106.29	\$0.00
Environmental Scientist/Specialist	0.00	X	78.16	\$0.00
Engineer Tech	6.00	X	75.03	\$450.18
CADD Operator/GIS Analyst	0.00	X	65.65	\$0.00
Admin/Clerical	0.00	X	56.27	\$0.00

**Grand Total of Hours**

**\$ 894.74**

(Difference due to rounding hours)

\$ -

**Invoice Summary**

Man Hours	<b>\$ 894.74</b>
Right-of-Way Acquisition	\$ 16,800.00
Sub Contract	\$ -

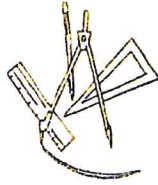
(See Attached Sub Invoice for Man Hour Breakdown)

(Difference due to rounding)

\$ -

**Total Per Invoice Submitted**

**\$ 17,694.74**



# L&G Engineering

Transportation Consultants

Date: SEPT 21, 2014

County: Hidalgo  
Federal Project No.: N/A  
Highway: US 83

ROW CSJ:0039-17-161  
Parcel: 22E pt.1 & pt.2  
From: west of FM 1427  
To: 0.28 miles west of Showers Rd.

BY CERTIFIED MAIL, RETURN RECEIPT REQUESTED NO. 7014 1200 0002 0030 0389

D & S Bell Enterprises Ltd.  
PO Box 653  
Penitas, TX 78576

Dear Sirs,

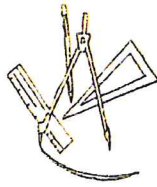
In acquiring property for the highway system of Texas, the County of Hidalgo follows a definite procedure for appraising the land needed and for handling personal negotiations with each owner. As has been or will be explained by the County's consultant, Joe A. Califa, a portion of your property located on/off US 83, as described in the enclosed property description, is to be acquired for the construction or improvement of the above-referenced highway project.

We believe at this stage of the purchase process it is mutually beneficial to confirm that, based on an appraisal, the County is authorized to offer you **\$32,375.00** for your property, which includes **\$32,375.00** for the property to be purchased and **\$0.00** for damages to your remaining property. This amount is the total amount of just compensation for all interests in the portion of your property to be acquired, as determined in accordance with State law, less oil, gas and sulphur, subject to clear title being conveyed to the County. In accordance with State law, it is the policy of the Department/County to negotiate with the fee owner(s) of the real property with the understanding that you will, in turn, negotiate with any lessee or other party who may own any interest in the land or improvements, with the exception of public utility easements, which will be handled separately by the Department/County.

This offer to purchase includes the contributory values of the improvement(s) listed below, which are considered to be part of the real property. Since the improvement(s) must be removed, it is the policy of the County permit owners who convey voluntarily to the Department/County to thereafter retain the improvement(s), if they wish to do so. The retention values shown below are the estimated amounts the improvement(s) would bring if sold on public bids. If you wish to retain title to any of the following improvement(s) and remove it (them) from the right of way, the amount of the above offer must be reduced by the appropriate retention amount(s). This option to retain the improvement(s) does NOT apply should it become necessary for the Department/County to acquire the real property by eminent domain.

<u>Improvement</u>	<u>Amount to be Subtracted if Retained</u>
Landscaping – 22 oak trees	\$1.00





# L&G Engineering

Transportation Consultants

Date: SEPT 21, 2016

County: Hidalgo  
Federal Project No.: N/A  
Highway: US 83

ROW CSJ:0039-17-161  
Parcel: 27E pt.1 & pt.2  
From: west of FM 1427  
To: 0.28 miles west of Showers Rd.

BY CERTIFIED MAIL, RETURN RECEIPT REQUESTED NO. 70141200 0002 0030 0372

Wayne Ted Wood and Stephen Francis Wood  
PO Box 653  
Penitas, TX 78576

Dear Sirs,

In acquiring property for the highway system of Texas, the County of Hidalgo follows a definite procedure for appraising the land needed and for handling personal negotiations with each owner. As has been or will be explained by the County's consultant, Joe A. Califa, a portion of your property located on/off US 83, as described in the enclosed property description, is to be acquired for the construction or improvement of the above-referenced highway project.

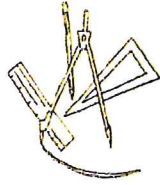
We believe at this stage of the purchase process it is mutually beneficial to confirm that, based on an appraisal, the County is authorized to offer you **\$56,256.00** for your property, which includes **\$56,256.00** for the property to be purchased and **\$0.00** for damages to your remaining property. This amount is the total amount of just compensation for all interests in the portion of your property to be acquired, as determined in accordance with State law, less oil, gas and sulphur, subject to clear title being conveyed to the County. In accordance with State law, it is the policy of the Department/County to negotiate with the fee owner(s) of the real property with the understanding that you will, in turn, negotiate with any lessee or other party who may own any interest in the land or improvements, with the exception of public utility easements, which will be handled separately by the Department/County.

This offer to purchase includes the contributory values of the improvement(s) listed below, which are considered to be part of the real property. Since the improvement(s) must be removed, it is the policy of the County permit owners who convey voluntarily to the Department/County to thereafter retain the improvement(s), if they wish to do so. The retention values shown below are the estimated amounts the improvement(s) would bring if sold on public bids. If you wish to retain title to any of the following improvement(s) and remove it (them) from the right of way, the amount of the above offer must be reduced by the appropriate retention amount(s). This option to retain the improvement(s) does NOT apply should it become necessary for the Department/County to acquire the real property by eminent domain.

#### NO IMPROVEMENTS OFFERED FOR RETENTION

If you wish to accept the offer based upon this appraisal, please contact Joe A. Califa as soon as possible, at (956) 585-1909, so that the process of issuing your payment may be started. If you are not willing to accept this offer, you may submit a written request for administrative settlement/counteroffer, setting forth a counteroffer amount and the basis for such amount, provided such settlement request is received in writing within 30 days from the date of this letter. Please note that your opportunity to submit an administrative settlement shall be forfeited if such a settlement request is not received by the County within the 30 day time deadline.





# L&G Engineering

Transportation Consultants

Date: SEPT 21, 2016

County: Hidalgo  
Federal Project No.: N/A  
Highway: US 83

ROW CSJ:0039-17-161  
Parcel: 36E  
From: west of FM 1427  
To: 0.28 miles west of Showers Rd.

BY CERTIFIED MAIL, RETURN RECEIPT REQUESTED NO. 7019 1200 00120 030 0365

G.E. Bell Properties LTD  
PO Box 653  
Penitas, TX 78576

Dear Sirs,

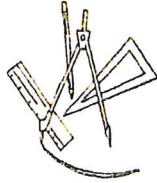
In acquiring property for the highway system of Texas, the County of Hidalgo follows a definite procedure for appraising the land needed and for handling personal negotiations with each owner. As has been or will be explained by the County's consultant, Joe Califa, a portion of your property located on/off US 83, as described in the enclosed property description is to be acquired for the construction or improvement of the above-referenced highway project.

We believe at this stage of the purchase process it is mutually beneficial to confirm that, based on an appraisal, the County is authorized to offer you **\$70,050.00** for your property, which includes **\$70,050.00** for the property to be purchased and **\$0.00** for damages to your remaining property. This amount is the total amount of just compensation for all interests in the portion of your property to be acquired, as determined in accordance with State law, less oil, gas and sulphur, subject to clear title being conveyed to the County. In accordance with State law, it is the policy of the Department/County to negotiate with the fee owner(s) of the real property with the understanding that you will, in turn, negotiate with any lessee or other party who may own any interest in the land or improvements, with the exception of public utility easements, which will be handled separately by the Department/County.

This offer to purchase includes the contributory values of the improvement(s) listed below, which are considered to be part of the real property. Since the improvement(s) must be removed, it is the policy of the County permit owners who convey voluntarily to the Department/County to thereafter retain the improvement(s), if they wish to do so. The retention values shown below are the estimated amounts the improvement(s) would bring if sold on public bids. If you wish to retain title to any of the following improvement(s) and remove it (them) from the right of way, the amount of the above offer must be reduced by the appropriate retention amount(s). This option to retain the improvement(s) does NOT apply should it become necessary for the Department/County to acquire the real property by eminent domain.

<u>Improvement</u>	<u>Amount to be Subtracted if Retained</u>
Landscaping – 17 oak trees	\$1.00





# L&G Engineering

Transportation Consultants

Date: SEPT 21, 2016

County: Hidalgo  
Federal Project No.: N/A  
Highway: US 83

ROW CSJ:0039-17-161  
Parcel: 37E  
From: west of FM 1427  
To: 0.28 miles west of Showers Rd.

BY CERTIFIED MAIL, RETURN RECEIPT REQUESTED NO. 7014 1200 0002 0030 0358

Mil Encinos Development, LTD.  
PO Box 653  
Penitas, TX 78576

Dear Sirs,

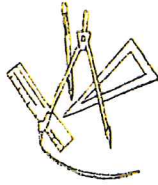
In acquiring property for the highway system of Texas, the County of Hidalgo follows a definite procedure for appraising the land needed and for handling personal negotiations with each owner. As has been or will be explained by the County's consultant, Joe Califa, a portion of your property located on/off US 83, as described in the enclosed property description is to be acquired for the construction or improvement of the above-referenced highway project.

We believe at this stage of the purchase process it is mutually beneficial to confirm that, based on an appraisal, the County is authorized to offer you **\$18,783.00** for your property, which includes **\$18,783.00** for the property to be purchased and **\$0.00** for damages to your remaining property. This amount is the total amount of just compensation for all interests in the portion of your property to be acquired, as determined in accordance with State law, less oil, gas and sulphur, subject to clear title being conveyed to the County. In accordance with State law, it is the policy of the Department/County to negotiate with the fee owner(s) of the real property with the understanding that you will, in turn, negotiate with any lessee or other party who may own any interest in the land or improvements, with the exception of public utility easements, which will be handled separately by the Department/County.

This offer to purchase includes the contributory values of the improvement(s) listed below, which are considered to be part of the real property. Since the improvement(s) must be removed, it is the policy of the County permit owners who convey voluntarily to the Department/County to thereafter retain the improvement(s), if they wish to do so. The retention values shown below are the estimated amounts the improvement(s) would bring if sold on public bids. If you wish to retain title to any of the following improvement(s) and remove it (them) from the right of way, the amount of the above offer must be reduced by the appropriate retention amount(s). This option to retain the improvement(s) does NOT apply should it become necessary for the Department/County to acquire the real property by eminent domain.

<u>Improvement</u>	<u>Amount to be Subtracted if Retained</u>
Landscaping – 2 oak trees	\$1.00





# L&G Engineering

Date: SEPT 21, 2016 Transportation Consultants

County: Hidalgo  
Federal Project No.: N/A  
Highway: US 83

ROW CSJ:0039-17-161  
Parcel: 39E  
From: West of FM 1427  
To: 0.28 miles west of Showers Rd.

BY CERTIFIED MAIL, RETURN RECEIPT REQUESTED NO. 7014 1200 0002 0030 0341

D & S Bell Enterprises, LTD  
PO Box 653  
Penitas, TX 78576

Dear Sirs,

In acquiring property for the highway system of Texas, the County of Hidalgo follows a definite procedure for appraising the land needed and for handling personal negotiations with each owner. As has been or will be explained by the County's consultant, Joe Califa, a portion of your property located on/off US 83, as described in the enclosed property description is to be acquired for the construction or improvement of the above-referenced highway project.

We believe at this stage of the purchase process it is mutually beneficial to confirm that, based on an appraisal, the County is authorized to offer you **\$44,775.00** for your property, which includes **\$44,775.00** for the property to be purchased and **\$0.00** for damages to your remaining property. This amount is the total amount of just compensation for all interests in the portion of your property to be acquired, as determined in accordance with State law, less oil, gas and sulphur, subject to clear title being conveyed to the County. In accordance with State law, it is the policy of the Department/County to negotiate with the fee owner(s) of the real property with the understanding that you will, in turn, negotiate with any lessee or other party who may own any interest in the land or improvements, with the exception of public utility easements, which will be handled separately by the Department/County.

This offer to purchase includes the contributory values of the improvement(s) listed below, which are considered to be part of the real property. Since the improvement(s) must be removed, it is the policy of the County permit owners who convey voluntarily to the Department/County to thereafter retain the improvement(s), if they wish to do so. The retention values shown below are the estimated amounts the improvement(s) would bring if sold on public bids. If you wish to retain title to any of the following improvement(s) and remove it (them) from the right of way, the amount of the above offer must be reduced by the appropriate retention amount(s). This option to retain the improvement(s) does NOT apply should it become necessary for the Department/County to acquire the real property by eminent domain.

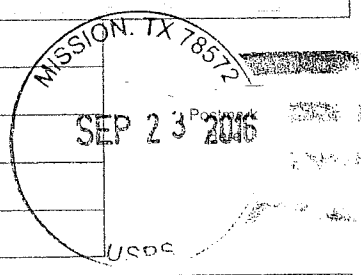
<u>Improvement</u>	<u>Amount to be Subtracted if Retained</u>
Landscaping – 9 oak trees	\$1.00



**CERTIFIED MAIL™ RECEIPT**  
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

Postage \$  
Certified Fee  
Return Receipt Fee (Endorsement Required)  
Restricted Delivery Fee (Endorsement Required)  
Total Postage & Fees \$

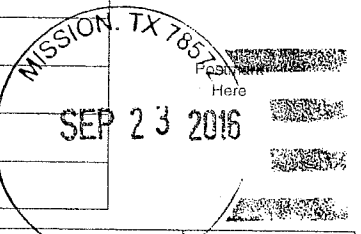


Sent To *D+S Bell Enterprises*  
Street, Apt. No., or PO Box No. *PO Box 653*  
City, State, ZIP+4 *Penitas TX 78576*

PS Form 3800, August 2006 See Reverse for Instructions  
**U.S. Postal Service™**  
**CERTIFIED MAIL™ RECEIPT**  
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

Postage \$  
Certified Fee  
Return Receipt Fee (Endorsement Required)  
Restricted Delivery Fee (Endorsement Required)  
Total Postage & Fees \$

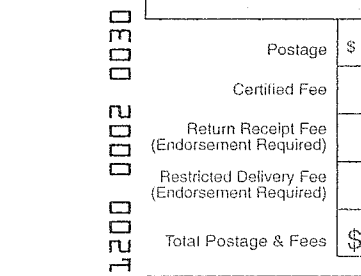


Sent To *D+S Bell Enterprises LTD*  
Street, Apt. No., or PO Box No. *PO Box 653*  
City, State, ZIP+4 *Penitas TX 78576*

PS Form 3800, August 2006 See Reverse for Instructions  
**U.S. Postal Service™**  
**CERTIFIED MAIL™ RECEIPT**  
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

Postage \$  
Certified Fee  
Return Receipt Fee (Endorsement Required)  
Restricted Delivery Fee (Endorsement Required)  
Total Postage & Fees \$



Sent To *Mil Encinas Dev. LTD*  
Street, Apt. No., or PO Box No. *PO Box 653*  
City, State, ZIP+4 *Penitas TX 78576*

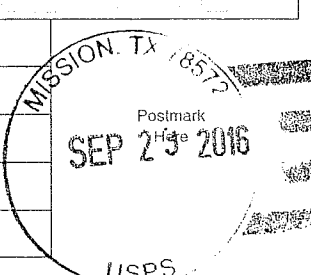
PS Form 3800, August 2006 See Reverse for Instructions  
**U.S. Postal Service™**  
**CERTIFIED MAIL™ RECEIPT**  
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**CERTIFIED MAIL™ RECEIPT**  
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

Postage \$  
Certified Fee  
Return Receipt Fee (Endorsement Required)  
Restricted Delivery Fee (Endorsement Required)  
Total Postage & Fees \$

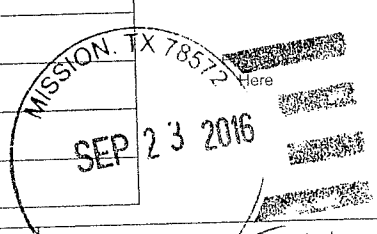


Sent To *GE Bell Properties LTD*  
Street, Apt. No., or PO Box No. *PO Box 653*  
City, State, ZIP+4 *Penitas TX 78576*

PS Form 3800, August 2006 See Reverse for Instructions  
**U.S. Postal Service™**  
**CERTIFIED MAIL™ RECEIPT**  
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

Postage \$  
Certified Fee  
Return Receipt Fee (Endorsement Required)  
Restricted Delivery Fee (Endorsement Required)  
Total Postage & Fees \$



Sent To *Wayne Ted Wood, Stephen F. Wood*  
Street, Apt. No., or PO Box No. *PO Box 653*  
City, State, ZIP+4 *Penitas TX 78576*

PS Form 3800, August 2006 See Reverse for Instructions  
**U.S. Postal Service™**  
**CERTIFIED MAIL™ RECEIPT**  
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

7014 1200 0002 0030 0372

7014 1200 0002 0030 0365

7014 1200 0002 0030 0372

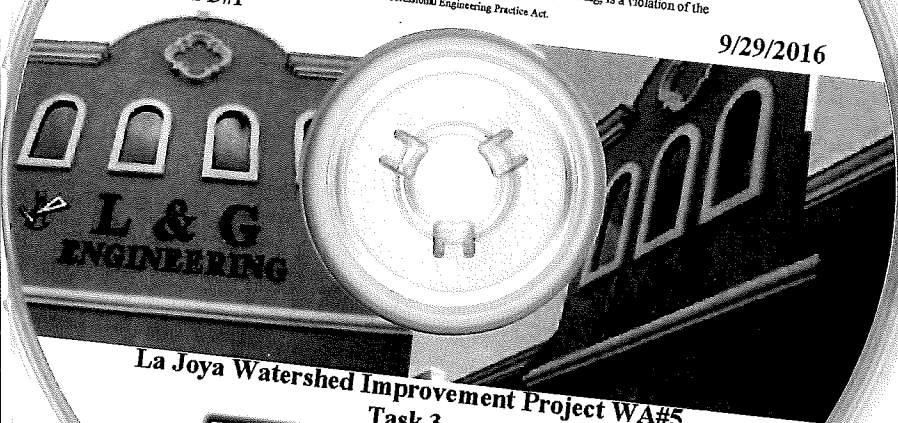




**L & G Engineering Electronic Data & CAD Disclaimer**  
By opening the attached files, the user agrees that data provided by this electronic file is for information purposes only and should be used at one's own risk. L & G Engineering, makes no representations, written or verbal, that the information contained in these CAD files are complete or accurate or should be relied upon for construction except to the extent that they are labeled, dimensioned or otherwise noted and reflect exactly what is on the approved and sealed preliminary or final drawings. Any conflict between the information reflected on the sealed plan sheets and that provided via this electronic data file shall be resolved in favor of the sealed plan sheets. Any reproduction of these sheets without the appropriate preliminary stamp, or professional engineering seal and signature, and the express written approval of L & G Engineering, is a violation of the Professional Engineering Practice Act.

HCDD#1

9/29/2016



**La Joya Watershed Improvement Project WA#5**  
**Task 3**

<b>L &amp; G Engineering</b>	900 S. Stewart Rd. Ste 5
Highway / Civil	Mission, TX. 78572
Structural / Bridge	Phone : (956) 585-1909
Environmental	Fax : (956) 585-1927
Construction Material Testing	



# Hidalgo County Drainage District No. 1

902 North Doolittle Road, Edinburg, TX 78542 Office: 956-292-7080

## Invoice Processing Routing Slip

Invoice/ Backup

Date Received: 12/28/2016

Engineer/Firm Name: L&G Consulting Engineers, Inc.

Project Name/Number: J-09 Drain Improvements Phase II, WA No. 4

Invoice No.: 16-12-000009

Invoice Date: 12/19/2016

Due Date: 1/27/2017

Purchase Order No.: 629471

Amount: \$174.53

Total # of Pages Submitted: 7

Attachments:  CD  USB  Plans Other: \_\_\_\_\_

Engineering:  Construction:

Received By: Maria Perez

### Forwarded to:

Nora D. Cavazos \_\_\_\_\_ Date: \_\_\_\_\_

Esther Layton \_\_\_\_\_ Date: \_\_\_\_\_

Claudette Guerrero \_\_\_\_\_ Date: \_\_\_\_\_

Jose N. Saldivar \_\_\_\_\_ Date: \_\_\_\_\_

Lora Briones \_\_\_\_\_ Date: \_\_\_\_\_

Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DEC 28 2016

10:00 AM / PM

BY: 

2100 W. Expressway 83  
Mercedes, TX 78570  
Office (956) 565-0760 Fax (956) 565-6746

Client Address: Hidalgo County Drainage District No. 1  
Accounts Payable  
902 N. Doolittle Rd.  
  
Edinburg, TX. 78541

Account No.: E87  
Project No: E871601  
Project Desc.: J-09 Drain Improvements Ph. II  
(Rio Grande Care Rd. to N. Main Drain)

Due Date: UPON RECEIPT  
Budget/Remaining: \$22,243.07 / \$11,488.78  
PO: 629471

===== Invoice Summary by Billing Code =====

	<u>Unit Rate</u>	<u>Qty</u>	<u>Extension</u>
920:92034 - Comp. Strength of Cyl. Specimen	\$16.40	2.00	\$32.80
940:94047 - Eng. Tech. (Concrete / Lab)	\$52.88	0.50	\$26.44
940:94054 - Engineering Specialist	\$105.76	0.25	\$26.44
940:94055 - Engineer / P.E.	\$133.76	0.25	\$33.44
950:95060 - Administrative / Clerical	\$62.21	0.50	\$31.11
950:95061 - Test Report	\$24.30	1.00	\$24.30
<b>Total for this Invoice:</b>			<b>\$174.53</b>

===== Invoice Detail by Report =====

<u>Report No.</u>	<u>Sampled</u>	<u>Qty</u>	<u>Billing Code</u>	<u>Unit Type</u>	<u>Unit Rate</u>	<u>Extension</u>
R026-28	10/26/2016	2.00	920:92034 - Comp. Strength of Cyl. Specimen	Each	\$16.40	\$32.80
R026-28	10/26/2016	0.50	940:94047 - Eng. Tech. (Concrete / Lab)	Each	\$52.88	\$26.44
R026-28	10/26/2016	0.25	940:94054 - Engineering Specialist	Hour	\$105.76	\$26.44
R026-28	10/26/2016	0.25	940:94055 - Engineer / P.E.	Hour	\$133.76	\$33.44
R026-28	10/26/2016	0.50	950:95060 - Administrative / Clerical	Each	\$62.21	\$31.11
R026-28	10/26/2016	1.00	950:95061 - Test Report	Each	\$24.30	\$24.30
Report Number R026-28 for a Subtotal of:						\$174.53
<b>Total for this Invoice:</b>						<b>\$174.53</b>

REMIT TO: 2100 W. Expressway 83  
Mercedes, TX 78570  
Office (956) 565-0760 Fax (956) 565-6746

Net 30 Days



## Billy Ortiz

---

**From:** Celia Almaguer  
**Sent:** Tuesday, October 25, 2016 2:30 PM  
**To:** Billy Ortiz  
**Cc:** Rick Gil  
**Subject:** FW: J09 Jackson Crossing - Rip-Rap

Billy,

See below for testing tomorrow at 1pm for J-09 Project.

Thanks,

*Celia Almaguer*  
*Administrative Assistant*  
*L&G Engineering*  
*2100 W. Expressway 83*  
*Mercedes, TX 78570*  
*[calmaguer@lgengineers.com](mailto:calmaguer@lgengineers.com)*  
*[www.lgengineers.com/laboratory](http://www.lgengineers.com/laboratory)*

Phone (956) 565-0760 ext. 217  
Fax (956) 565-6746

---

**From:** Jose A. Sanchez [<mailto:JASanchez@tedsi.com>]  
**Sent:** Tuesday, October 25, 2016 2:22 PM  
**To:** Rick Gil  
**Cc:** Celia Almaguer  
**Subject:** FW: J09 Jackson Crossing - Rip-Rap

Rick,

See below for testing request.

Please advise.

Thank you,

**Jose A. Sanchez, P.E.**  
**Project Manager**  
**[jasanchez@tedsi.com](mailto:jasanchez@tedsi.com)**  
*TEDSI Infrastructure Group Inc.*  
1201 E. Expressway 83  
Mission TX 78572  
956.424.7898 Office  
956.221.4794 Mobile

This e-mail and any files transmitted with it are confidential and are intended solely for the use of the individual or entity to whom they are addressed. If you are NOT the intended recipient and receive this communication, please delete this message and any attachments. Thank you.

**From:** Ruben [<mailto:ruben@texascordia.com>]  
**Sent:** Tuesday, October 25, 2016 2:20 PM  
**To:** Jose A. Sanchez  
**Subject:** RE: J09 Jackson Crossing - Rip-Rap

Jose

Pour is scheduled for tomorrow afternoon at 1pm. Please advise if we can meet on site tomorrow to discuss 42" wall on riprap.

Thank you,

**Ruben Flores**  
Project Controls – Texas Cordia Construction

---

3149-A Center Pointe Dr., Edinburg, TX 78539  
O: (956) 627-6181 / M: (956) 624-8453  
Fax: (956) 386-0289  
[ruben@texascordia.com](mailto:ruben@texascordia.com)

**From:** Jose A. Sanchez [<mailto:JASanchez@tedsi.com>]  
**Sent:** Tuesday, October 25, 2016 11:34 AM  
**To:** Ruben <[ruben@texascordia.com](mailto:ruben@texascordia.com)>  
**Cc:** Victor Longoria <[VLongoria@tedsi.com](mailto:VLongoria@tedsi.com)>; Yara M. Corbitt, P. E <[yara@texascordia.com](mailto:yara@texascordia.com)>; Isaac Heredia <[isaac@texascordia.com](mailto:isaac@texascordia.com)>; Lydia Rodriguez <[lydia@texascordia.com](mailto:lydia@texascordia.com)>; Isabel Martinez <[isabel@texascordia.com](mailto:isabel@texascordia.com)>  
**Subject:** RE: J09 Jackson Crossing - Rip-Rap

Ruben,

No pre-inspection of riprap.

What time do you need testing tomorrow?

Please advise.

Thank you,

**Jose A. Sanchez, P.E.**  
Project Manager  
[jasanchez@tedsi.com](mailto:jasanchez@tedsi.com)  
TEDSI Infrastructure Group Inc.  
1201 E. Expressway 83  
Mission TX 78572  
956.424.7898 Office  
956.221.4794 Mobile

This e-mail and any files transmitted with it are confidential and are intended solely for the use of the individual or entity to whom they are addressed. If you are NOT the intended recipient and receive this communication, please delete this message and any attachments. Thank you.

---

**From:** Ruben [<mailto:ruben@texascordia.com>]  
**Sent:** Tuesday, October 25, 2016 11:15 AM  
**To:** Jose A. Sanchez  
**Cc:** Victor Longoria; Yara M. Corbitt, P. E; Isaac Heredia; Lydia Rodriguez; Isabel Martinez  
**Subject:** RE: J09 Jackson Crossing - Rip-Rap

Good morning Jose

TCC is currently forming/preparing the rip rap at main headwall and is scheduled to pour concrete tomorrow. Please advise when we can meet for pre-pour inspection.

As discussed on our previous meeting a 42" high wall will be constructed along top edge of riprap. Additional quantity for this will be invoiced according to bid item for 6" wall.

Thank you,

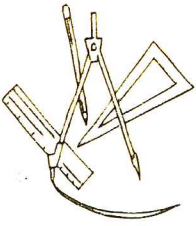
**Ruben Flores**  
**Project Controls – Texas Cordia Construction**

---

3149-A Center Pointe Dr., Edinburg, TX 78539  
O: (956) 627-6181 / M: (956) 624-8453  
Fax: (956) 386-0289  
[ruben@texascordia.com](mailto:ruben@texascordia.com)

This e-mail and any files transmitted with it are confidential and are intended solely for the use of the individual or entity to whom they are addressed. If you are NOT the intended recipient and receive this communication, please delete this message and any attachments. Thank you.

This e-mail and any files transmitted with it are confidential and are intended solely for the use of the individual or entity to whom they are addressed. If you are NOT the intended recipient and receive this communication, please delete this message and any attachments. Thank you.



# L&G Consulting Engineers, Inc.

RECEIVED  
HIDALGO COUNTY  
DRAINAGE DISTRICT #1

December 22, 2016

DEC 28 2016

10:00 AM/PM

BY: MAP

Mr. Raul Sesin  
**Attn: Mr. Jaime Salazar**  
Hidalgo County Drainage District No. 1  
902 N. Doolittle Rd.  
Edinburg, Texas 78541

**RE: J-09 Drain Improvements Ph. II (Rio Grande Care Rd. to N. Main Drain)  
Construction Materials Testing On-Call Contract - Work Authorization #4  
Project No. # E871601**

Dear Mr. Salazar:

Attached for your review and approval is our invoice for the services rendered under Work Authorization #4 on the subject referenced project for the month of December.

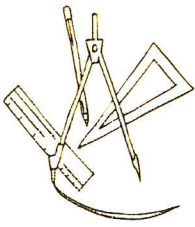
The following is attached:

- L&G's Invoice # 16-12-000009
- Test Reports and progress letters as prepared and forwarded to HCDD No. 1 and all parties involved on the project.

Should you have any questions regarding this submittal or would like clarification on any aspect of the project, please do not hesitate to call me at (956) 565-0760.

Sincerely,

\_\_\_\_\_  
Ricardo A. Gil  
General Manager  
Laboratory Operations



# L&G Consulting Engineers, Inc.

---

December 22, 2016

RECEIVED  
HIDALGO COUNTY  
DRAINAGE DISTRICT #1

DEC 28 2016

10:00 AM / PM

BY: MTR

Mr. Raul Sesin, P.E.  
Attn: Mr. Jaime Salazar  
Hidalgo County Drainage District No. 1  
902 N. Doolittle Road  
Edinburg, Texas 78541

**RE: J-09 Drain Improvements Ph. II (Rio Grande Care Rd. to N. Main Drain)**

Dear Mr. Salazar:

Included for your use with this letter is test report **R026-28** for **Construction Materials Testing Services** performed on the above referenced project. Unless otherwise noted, all test results meet or exceed requirements. Also included for your information, is an invoice for the services provided.

L&G Engineering appreciates the opportunity to serve your material testing needs on this project, and we look forward to working with you in the future.

If you have any questions, please feel free to contact me at 956-565-0760.

Sincerely,

Ricardo A. Gil  
General Manager

Attachments

Cc: Texas Cordia Construction, LLC  
TEDSI Engineering, Attn: Jose A. Sanchez



# Hidalgo County Drainage District No. 1

902 North Doolittle Road, Edinburg, TX 78542 Office: 956-292-7080

## Invoice Processing Routing Slip

Invoice/ Backup

Date Received: 12/28/2016

Engineer/Firm Name: L&G Consulting Engineers, Inc.

Project Name/Number: Hoehn Rd. Area Drainage & Rd. Improv. WA No. 2

Invoice No.: 16-12-000008

Invoice Date: 12/19/2016

Due Date: 1/27/2017

Purchase Order No.: 628202

Amount: \$820.72

Total # of Pages Submitted: 7

Attachments:  CD  USB  Plans Other: \_\_\_\_\_

Engineering:

Construction:

Received By: Maria Perez

### Forwarded to:

Nora D. Cavazos \_\_\_\_\_ Date: \_\_\_\_\_

Esther Layton \_\_\_\_\_ Date: \_\_\_\_\_

Claudette Guerrero \_\_\_\_\_ Date: \_\_\_\_\_

Jose N. Saldivar \_\_\_\_\_ Date: \_\_\_\_\_

Lora Briones \_\_\_\_\_ Date: \_\_\_\_\_

Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_





2100 W. Expressway 83  
 Mercedes, TX 78570  
 Office (956) 565-0760 Fax (956) 565-6746

===== Invoice Detail by Report =====

<u>Report No.</u>	<u>Sampled</u>	<u>Qty</u>	<u>Billing Code</u>	<u>Unit Type</u>	<u>Unit Rate</u>	<u>Extension</u>
R034	11/18/2016	2.00	920:92034 - Comp. Strength of Cyl. Specimen	Each	\$15.92	\$31.84
R034	11/18/2016	5.50	940:94050 - Eng. Tech. (Concrete)	Hour	\$51.34	\$282.37
R034	11/18/2016	0.25	940:94054 - Engineering Lab Mgr.	Hour	\$102.68	\$25.67
R034	11/18/2016	0.25	940:94055 - Project Engineer	Hour	\$129.86	\$32.47
R034	11/18/2016	0.50	950:95060 - Administrative / Clerical	Hour	\$60.40	\$30.20
R034	11/18/2016	1.00	950:95061 - Test Report	Each	\$23.59	\$23.59
Report Number R034 for a Subtotal of:						\$450.00
R035	11/18/2016	2.00	920:92034 - Comp. Strength of Cyl. Specimen	Each	\$15.92	\$31.84
R035	11/18/2016	0.50	940:94047 - Eng. Tech. (Concrete / Lab)	Each	\$51.34	\$25.67
R035	11/18/2016	0.25	940:94054 - Engineering Lab Mgr.	Hour	\$102.68	\$25.67
R035	11/18/2016	0.25	940:94055 - Project Engineer	Hour	\$129.86	\$32.47
R035	11/18/2016	0.50	950:95060 - Administrative / Clerical	Hour	\$60.40	\$30.20
R035	11/18/2016	1.00	950:95061 - Test Report	Each	\$23.59	\$23.59
Report Number R035 for a Subtotal of:						\$169.44
<b>Total for this Invoice:</b>						<b>\$820.72</b>

REMIT TO:2100 W. Expressway 83  
 Mercedes, TX 78570  
 Office (956) 565-0760 Fax (956) 565-6746

Net 30 Days

PAST DUE BALANCES SUBJECT TO 1.5% SERVICE CHARGE PER MONTH  
 PLEASE REFERENCE INVOICE NUMBER WITH PAYMENT

## CONCRETE COMPRESSION TEST REPORT

Project Description: Hoehn Road Area Drainage & Road Imprvts. WA #2  
 Client: Hidalgo County Drainage District No. 1  
 Contractor: Texas Cordia Construction, LLC

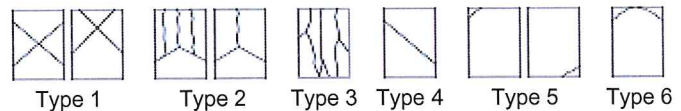
L&G Project Number: E871503  
 L&G Report Number: R033-28  
 Sample Date: 11/14/2016  
 Date Reported: 12/12/2016

Page 1 of 1

Placement Location: STA 40+21, South Drainage Slide Walls  
 Mix ID: 3600 PSI IRR Supplier: Alamo Concrete  
 Specified Strength: 3,600 P.S.I. @ 28 days  
 Specified Slump: N/A Slump: 5.0"  
 Specified Air Content: N/A Air Content: 1.7%  
 Weather Conditions: Cloudy, Humid Air Temp.: 75°F  
 Time Batched: 1:07 pm Time Sampled: 2:45 pm Concrete Temp.: 82°F  
 Plant Ticket No: 504929 Truck No: 7162 CY: 6.5  
 Water: 0 gal.

### Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
2	A	11/21/2016	7	150,560	Type 1	5,320		147.78%
	B	11/21/2016	7	143,795	Type 1	5,090	5,210	141.39%
	C	12/12/2016	28	200,000	Type 3	7,070		196.39%
	D	12/12/2016	28	192,105	Type 3	6,790	6,930	188.61%

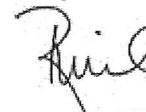


**Remarks/Comments:**

6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1  
 (Edinburg, TX) Attn: Raul Sesin, P.E.  
 (1-cc copy)  
 1-cc Texas Cordia Construction, LLC  
 Attn: Isabel Martinez  
 1-cc Laboratory

Respectfully Submitted,  
 L&G Engineering



\_\_\_\_\_  
 Ricardo A. Gil, Lab Manager

**REPORT OF SITE VISIT  
TEST REPORT**

Project Description: Hoehn Road Area Drainage & Road Imprvts. WA #2  
Client: Hidalgo County Drainage District No. 1  
Contractor: Texas Cordia Construction, LLC

L&G Project Number: E871503  
L&G Report Number: R034  
Sample Date: 11/18/2016  
Date Reported: 11/18/2016

---

Page 1 of 1

On November 18, 2016 a representative of L&G Engineering Laboratory was dispatched to Hoehn Drainage Improvements to perform inspection on the placement of ready-mixed concrete on Rip Rap.

---

Specimen Number 3 was obtained and tested at 3:50 PM, and the following were determined:

<b>Concrete Temp:</b> <u>92°f</u>	<u>N/A</u> Specification	<b>Entrapped/Entrained Air Content:</b> <u>1.9%</u>	<u>N/C</u> Specification
<b>Ambient Temp:</b> <u>87°f</u>	<u>N/A</u> Specification	<b>Slump:</b> <u>4 inches</u>	<u>N/A</u> Specification

From Specimen Number 3, a total of 4 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days.

---

On November 21, 2016 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the placement of ready-mixed concrete on Rip Rap. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Drainage District No. 1  
(Edinburg, TX) Attn: Raul Sesin, P.E.  
(1-cc copy)  
1-cc Texas Cordia Construction, LLC  
Attn: Isabel Martinez  
1-cc Laboratory

Respectfully Submitted,  
L&G Engineering



---

Ricardo A. Gil, Lab Manager



**CONCRETE COMPRESSION  
TEST REPORT**

Project Description: Hoehn Road Area Drainage & Road Imprvts. WA #2  
 Client: Hidalgo County Drainage District No. 1  
 Contractor: Texas Cordia Construction, LLC

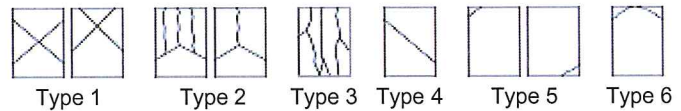
L&G Project Number: E871503  
 L&G Report Number: R035  
 Sample Date: 11/18/2016  
 Date Reported: 11/25/2016

Page 1 of 1

Placement Location: South Side of Slide Walls  
 Mix ID: 3600 PSI IRR Supplier: Alamo Concrete  
 Specified Strength: 3,600 P.S.I. @ 28 days  
 Specified Slump: N/A Slump: 4.0"  
 Specified Air Content: N/A Air Content: 1.9%  
 Weather Conditions: Hot & Cloudy Air Temp.: 87°F  
 Time Batched: 1:33 pm Time Sampled: 3:50 pm Concrete Temp.: 92°F  
 Plant Ticket No: 510196 Truck No: 7258 CY: 10  
 Water: 0 gal.

**Compressive Strength Data**

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
3	A	11/25/2016	7	125,825	Type 1	4,450	4,640	123.61%
	B	11/25/2016	7	136,440	Type 1	4,830		134.17%



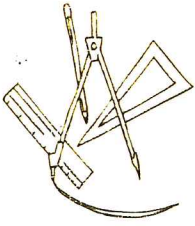
**Remarks/Comments:**  
 6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1  
 (Edinburg, TX) Attn: Raul Sesin, P.E.  
 (1-cc copy)  
 1-cc Texas Cordia Construction, LLC  
 Attn: Isabel Martinez  
 1-cc Laboratory

Respectfully Submitted,  
 L&G Engineering

Ricardo A. Gil, Lab Manager





# L&G Consulting Engineers, Inc.

---

December 22, 2016

RECEIVED  
HIDALGO COUNTY  
DRAINAGE DISTRICT #1

DEC 28 2016

10:00 AM/PM

BY: 

Mr. Raul Sesin

**Attn: Mr. Jaime Salazar**

Hidalgo County Drainage District No. 1

902 N. Doolittle Rd.

Edinburg, Texas 78541

**RE: Hoehn Road Area Drainage & Road Improvements  
Construction Materials Testing "On-Call" Contract - Work Authorization #2  
Project No. # E871503**

Dear Mr. Salazar:

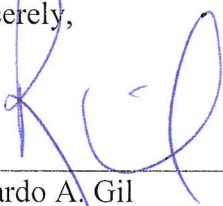
Attached for your review and approval is our invoice for the services rendered under Work Authorization #2 on the subject referenced project for the month of December.

The following is attached:

- L&G's Invoice # 16-12-000008
- Test Reports and progress letters as prepared and forwarded to HCDD No. 1 and all parties involved on the project.

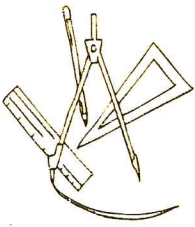
Should you have any questions regarding this submittal or would like clarification on any aspect of the project, please do not hesitate to call me at (956) 565-0760.

Sincerely,



---

Ricardo A. Gil  
General Manager  
Laboratory Operations



# L&G Consulting Engineers, Inc.

---

December 22, 2016

RECEIVED  
HIDALGO COUNTY  
DRAINAGE DISTRICT #1

DEC 28 2016

10:00 AM/PM

BY: WJ

Mr. Raul Sesin, P.E.  
Attn: Mr. Jaime Salazar  
Hidalgo County Drainage District No. 1  
902 N. Doolittle Road  
Edinburg, Texas 78541

**RE: Hoehn Road Area Drainage & Road Improvements (WA #2)**

Dear Mr. Salazar:

Included for your use with this letter are test reports **R033-28 thru R035** for **Construction Materials Testing** performed on the above referenced project. Unless otherwise noted, all test results meet or exceed requirements. Also included for your information, is an invoice for the services provided.

L&G Engineering appreciates the opportunity to serve your material testing needs on this project, and we look forward to working with you in the future.

If you have any questions, please feel free to contact me at 956-565-0760.

Sincerely,

Ricardo A. Gil  
General Manager

Attachments

Cc: Hidalgo County Pct. #4, Ms. Maria Lucio  
Texas Cordia Construction, LLC

AI -57965

7.

**DRAINAGE - CONSENT**

Meeting Date: 01/10/2017

Submitted For: Lora Briones

Submitted By: Lora Briones, DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

**Engineering Firm: Halff Associates, Inc.**

A. Invoice No. M218969 in the amount of \$5,518.87 pertaining to Work Authorization No. 2 for Professional Services Rendered through November 6, 2016 for the District Former Firing Range Berm PO# 629455

B. Invoice No. M219499 in the amount of \$1,860.00 pertaining to Work Authorization No. 2 for Professional Services Rendered through December 4, 2016 for the District Former Firing Range Berm PO# 629455

BACKGROUND

Fiscal Impact

Attachments

Halff Associates Invoice No. M218969

Halff Associates Invoice No. M219499

**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	01/06/2017 05:36 PM
Form Started By: Lora Briones		Started On: 01/06/2017 07:43 AM
Final Approval Date: 01/06/2017		



# Hidalgo County Drainage District No. 1

902 North Doolittle Road, Edinburg, TX 78542 Office: 956-292-7080

## Invoice Processing Routing Slip

Invoice/ Backup

Date Received: 12/5/2016

Engineer/Firm Name: Half Associates, Inc.

Project Name/Number: Former Firing Range Berm, WA No. 2

Invoice No.: M218969

Invoice Date: 11/28/2016

Due Date: 1/4/2016

Purchase Order No.: 629455

Amount: \$5,518.87

Total # of Pages Submitted: 11

Attachments:  CD  USB  Plans Other: \_\_\_\_\_ 5

Engineering:  Construction:

Received By: Maria Perez

### Forwarded to:

Nora D. Cavazos \_\_\_\_\_ Date: \_\_\_\_\_

Esther Layton \_\_\_\_\_ Date: \_\_\_\_\_

Claudette Guerrero \_\_\_\_\_ Date: \_\_\_\_\_

Jose N. Saldivar \_\_\_\_\_ Date: \_\_\_\_\_

Lora Briones \_\_\_\_\_ Date: \_\_\_\_\_

Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**REMITTANCE ADDRESS**  
**Half Associates, Inc**  
**P.O. Box 678316**  
**Dallas, TX 75267**  
**www.halff.com**

**RECEIVED**  
 HIDALGO COUNTY  
 DRAINAGE DISTRICT #1

DEC 05 2016

4:20 AM (PM)

BY: MAP

**HIDALGO COUNTY DRAINAGE DISTRICT #1**  
**902 N. DOOLITTLE**  
**EDINBURG, TX 78542**  
**Attention: Mr. Raul Sesin**

**Invoice Date :** 11/28/2016  
**Invoice # :** M218969  
**Project :** 31392  
**Invoice Group :** 02  
**Client Code :** HIDALG

**Project Name :** HCDD#1\Former Firing Range Berm

**For Professional Services Rendered through: 11/6/2016**

Re: Engineering Services \ Subsurface Investigation  
 Rifle\Handgun Firing Range Project  
 TCEQ TRRP Applicability Evaluation & Environmental Remediation  
 Edinburg, TX  
 Purchase Order#: 629455

\*\* Please contact Maribel Martinez at (956-664-0286)  
 with any questions regarding this invoice.

Phase / Task / Name	Fee	Previous Amount	Current Amount	Total Fee Earned	Budget Remaining
WA02 -- TCEQ TRRP Applicability& Remediatio	151,788.00	121,265.68	5,518.87	126,784.55	25,003.45
<b>Totals:</b>	<b>151,788.00</b>	<b>121,265.68</b>	<b>5,518.87</b>	<b>126,784.55</b>	<b>25,003.45</b>

Project Fee: 151,788.00  
 Prior Billings: 121,265.68  
 Total Available: 30,522.32

Total this Invoice 5,518.87  
 Amount Due this Invoice 5,518.87



Phase :WA02 -- TCEQ TRRP Applicability& Remediatio

Task : \*\*\*\* -- Defaul Task

Rate Schedule Labor

<u>Class / Employee Name</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
<b>CONTRACTS ADMINISTRATOR</b>				
Maribel M. Martinez	10/20/2016	1.00	60.00	60.00
<b>GEOLOGIST</b>				
S Kent Belaire	10/17/2016	1.00	205.00	205.00
	10/18/2016	1.00	205.00	205.00
	10/20/2016	2.00	205.00	410.00
	10/25/2016	1.00	205.00	205.00
	10/26/2016	1.50	205.00	307.50
	10/27/2016	2.00	205.00	410.00
	10/31/2016	0.50	205.00	102.50
		----- 9.00		----- 1,845.00
<b>GEOLOGIST, GRADE 5</b>				
Lee E. Beeson	10/17/2016	1.00	120.00	120.00
APAR	10/18/2016	3.00	120.00	360.00
Eco checklist, APAR, soil removal quantities	10/19/2016	2.00	120.00	240.00
Eco checklist and supporting documentation	10/20/2016	1.50	120.00	180.00
Soil reuse questions	10/25/2016	2.00	120.00	240.00
APAR text edits	10/26/2016	1.00	120.00	120.00
APAR text edits	10/27/2016	1.50	120.00	180.00
Receptor photos	10/28/2016	1.00	120.00	120.00
Receptors	10/31/2016	3.00	120.00	360.00
Receptor maps finalize APAR	11/01/2016	6.00	120.00	720.00
Print and put together APAR for review	11/02/2016	2.50	120.00	300.00
Put together APAR for review	11/03/2016	1.00	120.00	120.00
Map edits		----- 25.50		----- 3,060.00
<b>Rate Schedule Labor</b>				<b>4,965.00</b>

Total Task : \*\*\*\* -- Defaul Task

Labor : 4,965.00  
Expense : 0.00

Task : RE01 -- Reimbursable Expenses

Regular Expenses

<u>Vendor Name</u>	<u>Doc Nbr</u>	<u>Date</u>	<u>Cost</u>	<u>Multiplier</u>	<u>Amount</u>
--------------------	----------------	-------------	-------------	-------------------	---------------

Phase :WA02 -- TCEQ TRRP Applicability& Remediatio

Task : RE01 -- Reimbursable Expenses

Regular Expenses

<u>Vendor Name</u>	<u>Doc Nbr</u>	<u>Date</u>	<u>Cost</u>	<u>Multiplier</u>	<u>Amount</u>
<b>Materials</b>					
Austin C. Harrison	ER00141760	10/05/2016	(8) 12.910	1.100	14.20
Ice and packaging supplies for samples	ER00141760	10/05/2016	(9) 7.850	1.100	8.64
Ice for samples and field supplies	ER00141760	10/06/2016	(12) 10.590	1.100	11.65
Shovel needed for field work			-----		-----
			31.350		34.49
<b>Meals While Traveling</b>					
Austin C. Harrison	ER00141760	10/03/2016	(1) 4.850	1.100	5.34
Convenience Station	ER00141760	10/03/2016	(2) 7.290	1.100	8.02
McDonalds	ER00141760	10/03/2016	(3) 7.750	1.100	8.53
McDonalds	ER00141760	10/04/2016	(4) 11.900	1.100	13.09
Convenience Station	ER00141760	10/04/2016	(5) 3.240	1.100	3.56
Convenience Station	ER00141760	10/04/2016	(6) 8.490	1.100	9.34
Whataburger	ER00141760	10/05/2016	(7) 18.090	1.100	19.90
Rudy's BBQ	ER00141760	10/06/2016	(10) 9.940	1.100	10.93
Convenience Station	ER00141760	10/06/2016	(11) 15.040	1.100	16.54
Woodreaux's	ER00141760	10/08/2016	(13) 8.950	1.100	9.85
Convenience Station	ER00141760	10/08/2016	(14) 7.130	1.100	7.84
Convenience Station			-----		-----
			102.670		112.94
<b>Lodging</b>					
AMERICAN EXPRESS	204523	10/09/2016	(34) 369.490	1.100	406.44
Lodging - A. Harrison - 10/5 10/7					
<b>Regular Expenses</b>					<b>553.87</b>

Total Task : RE01 -- Reimbursable Expenses

Labor : 0.00  
Expense : 553.87

Total Phase : WA02 -- TCEQ TRRP Applicability& Remediatio **5,518.87**

Total Project: 31392 -- HCDD#1\Former Firing Range Berm **5,518.87**

Rudy's Bar-B-Q  
209 W Nolana  
Pharr, TX 78577  
(956) 781-8888

**7-ELEVEN**  
1900 N JACKSON RD  
PHARR TX 78577  
9563920364  
STORE#: 36552  
THANKYOU  
WE APPRECIATE YOU

**Welcome To**  
**Stripes-2509**  
3703 S.Bus Hwy 281  
Edinburg Tx 78539  
956-318-0701  
FE48277962001

st: Juan 10/05/2016  
6 8:15 PM  
40148  
usage Sandwich 4.99  
oz Fountain 2.09  
Lean Brisket  
67 lb @ 14.38 per lb 9.63  
total 16.71  
x 1.38  
ne-In Total 18.09  
SA #XXXXXXXXXX9537 18.09  
Auth:166946

1 OzrkSprngWtr1L 1.59F  
1 KindStrngJlpm1.6z 2.29B  
1 7-S Swch Bags 50ct 2.19T  
1 Polar Bear d/s 201b 2.99B  
1 Polar Bear d/s 201b 2.99B  
SUBTOTAL 12.05  
SALES TAX ON 10.46 0.86  
TOTAL DUE 12.91  
**DEBIT 12.91**

ACCT#: \*\*\*\*\*9537  
ACCT TYPE: DDA  
APPROVAL#: 712003 AUTH CODE: 0  
APPROVAL TIME: 105255  
Maestro  
STORE#: 36552  
TERM# :00073655201 08  
TERM SEQ#: 938331  
REF# : 97000 22 067 1  
AID: A0000000980840  
ENTRY: CHIP  
US DEBIT  
TC 42F2D763ADDEF854  
PIN VERIFIED  
APPROVED

#8

CUSTOMER AGREES TO PAY THE ABOVE  
TOTAL AMOUNT ACCORDING TO THE CARD  
HOLDERS AGREEMENT

THANKS  
FOR YOUR BUSINESS  
T#01 0P27 TRN2788 10/05/2016 10:52 AM

10/5/16

Description	Qty	Amount
CHAPSTICK MOIST BL	1	2.69
T COKE CLSSC 200Z	1	1.79
T TSN 10 LB ICE BAG	2	2.98
Subtotal		7.46
Tax		0.39
<b>TOTAL</b>		<b>7.85</b>
DEBIT \$		7.85

VISA DEBIT \$7.85  
Payment from Primary Account  
Acct/Card #: XXXXXXXXXXXX9537  
Auth #: 944569  
Resp Code: 0  
Stan: 003297681  
Trace #: 023937  
Invoice #: 23937  
SITE ID: FE48277962001  
MERCHANT COPY

#9

APPROVED 944569

**THANKS COME AGAIN**

Diesel Fuel Contains  
Up To 5% Biodiesel Or  
Renewable State Diesel  
Tax \$ 0.19 Per Gallon

ST# 2509 TILL XXXX DR# 1 TRAN# 1010414  
CSH: 12 10/05/16 07:58:30

Check us out online.  
Your comments matter to us.  
www.rudys.com

--- Check Closed ---

Welcome To  
 Stripes # 9116  
 100 W. Nolana Loop  
 Pharr TX 78577  
 956-7819352  
 FE48274865001

WOODREAU'S BAR & GRILL  
 2724 S. EXPRESSWAY 281  
 EDINBURG, TX 78541  
 956-287-1200

See back of receipt for your chance  
 to win \$1000

ID #: 7JZWKK20X28K

Description	Qty	Amount
FL 4.29 DR HACHO		4.29
DR PEPPER LTR		.99
DASANI LTR		.99
MARS SNICKERS BAR	2	3.90
2.78 Disc - 1.39		
Subtotal		9.66
Tax		0.28
<b>TOTAL</b>		<b>9.94</b>
DEBIT \$:		9.94

Dine In #4

Server: Idalia C. 10/06/2016  
 Table: ma 01:51PM  
 Guests: 4 Register-1  
 Receipt: 4625

2 x starter soup of the day 0.00  
 1 x #7 Baja Fish Tacos 6.95  
 - fries  
 1 x #9 Chicken Sandwich Special 6.95  
 - dirty rice

Subtotal 13.90  
 Tax 1.14

Balance Due 15.04

Suggested Tip

15% = 2.09  
 18% = 2.50  
 20% = 2.78

#11

Thank you!

10/6/16



( 956 ) 252 - 2047  
 MANAGER MARIBEL MARTINEZ  
 2812 S. EXPRESSWAY 281  
 EDINBURG TX 78542  
 SF# 05809 OP# 001308 TEN 14 TR# 04699  
 SHOVEL 004920615337 9.78 X  
 SUBTOTAL 9.78  
 TAX 1 0.250 0.91  
 TOTAL 10.59  
 DEBIT TEND 10.59  
 CHANGE DUE 0.00

EFT DEBIT PAY FROM PRIMARY  
 10.59 TOTAL PURCHASE  
 US DEBIT \*\*\*\* \* 9537 1 0  
 REF # 628000706665  
 NETWORK ID. 0056 APPR CODE 012679

US DEBIT  
 AID A00000009808840  
 TC 004BC75ACC36C1FA  
 \*Pin Verified  
 TERMINAL # SC011259

10/06/16 14:19:03

# ITEMS SOLD 1

TC# 4203 0467 1504 7429 5926



Low Prices You Can Trust. Every Day.  
 10/06/16 14:19:08

Store receipts on your phone. Walmart P  
 ay.



#12

THANKS COME AGAIN

Diesel Fuel Contains  
 Up To 20% Biodiesel Dr  
 Renewable State Diesel  
 Tax \$ 0.19 Per Gallon

# 9116 BILL XXXX DR# 1 TRAN# 1035493  
 H 11 10/06/16 20:41:16

Welcome to Shell  
**Cefco #0048**  
**12310 NW H K Dodgen**  
 Temple, TX 76501  
 Service ID 1851747  
 57525060208  
 SHELL OIL PRODUCTS US  
 12310 NW H K DODGEN LOD  
 TEMPLE TX 76501

#1

**BUY ONE GET ONE FREE QUARTER POUNDER  
 W/CHEESE OR EGG MCMUFFIN**  
 Go to [www.mcdvoice.com](http://www.mcdvoice.com) within 7 days  
 and tell us about your visit.  
 Validation Code: \_\_\_\_\_  
 Expires 30 days after receipt date.  
 Valid at participating US McDonald's.  
 7320 N 10TH  
 MCALLEN  
 TX  
 78504

#2

!!! THANK YOU !!!  
 TEL# 956 972 1476 Store# 17280

Go to [www.mcdvoice.com](http://www.mcdvoice.com) within 7 days  
 and tell us about your visit!  
 Validation Code: \_\_\_\_\_  
 Expires 30 days after receipt date.  
 Valid at participating US McDonald's.  
 101 L R CAMPBELL RD  
 ITAY  
 TX  
 76661  
 !!! THANK YOU !!!  
 TEL# [www.mcdvoice.com](http://www.mcdvoice.com) Store# 27736

#3

<CUSTOMER COPY>

Description	Qty	Amount
HRSHY SKOR CHOC	1	1.49
STARBUCKS DBLE SHT	1	2.99
Subtotal		4.48
Tax		0.37
<b>TOTAL</b>		<b>4.85</b>
DEBIT \$		4.85

Debit USD \$4.85  
 XXXXXXXXXXXX9537, Debit  
 Approved  
 JTH # 831723 INV # 314674  
 Verified by PIN

Customer Copy

our Bonus Savings  
 in Fuel Rewards today...  
 members earn \$0.10/gal reward on  
 all V-Power Nitro+ all year!  
 terms and conditions apply.  
 offer ends 1/1/17.  
 see [fuelrewards.com](http://fuelrewards.com) for details.

KS# 13 Oct.03'16 (Mon) 19:07

MFY SIDE 1 KVS Order 86

QTY ITEM	TOTAL
1 Hot&Spicy McChicken	1.29
1 Big Mac	3.95
1 L Sweet Iced Tea	1.49
Subtotal	6.73
Tax	0.56
Take-Out Total	7.29
Cashless	7.29
Change	0.00

MER# 22182702  
 CARD ISSUER ACCOUNT#  
 Visa SALE \*\*\*\*\*9537  
 AUTHORIZATION CODE - 449597  
 SEQ# 728096

KS# 13

Oct 03 '16 (Mon) 09:05

MFY SIDE 1 KVS Order 86

QTY ITEM	TOTAL
2 Mousage Burrito	2.38
1 Hot Picante	
1 Mac Egg Ch McG	3.49
1 Dr. Pepper	1.29
Subtotal	7.16
Tax	0.59
Take Out Total	7.75
Cashless	7.75
Change	0.00

MER# 94549902  
 CARD ISSUER ACCOUNT#  
 Visa SALE \*\*\*\*\*9537  
 AUTHORIZATION CODE 164570  
 SEQ# 260933

McDonald's Restaurant

10/3/16

**Stripes # 9125**

1606 E Richardson Rd  
Edinburg TX  
FE48274869001  
STRIPES 9125  
TP48570512-001  
TX

Description	Qty	Amount
DASANI LTR	2	3.98
POWERADE FRT PNCH 3	1	2.00
CLIF ICED GINGERBRE	1	1.99
MARS SNCKR ALMND BA	1	0.69
1.39 Dsc -0.70		
MARS SNCKR ALMND BA	1	0.70
1.39 Dsc -0.69		
TSN 10 LB ICE BAG	1	1.94
Subtotal		11.30
Tax		0.60
<b>TOTAL</b>		<b>11.90</b>
DEBIT \$		11.90

#4

VISA DEBIT \$11.90  
Payment from Primary Account  
Acct/Card #: XXXXXXXXXXXX9537  
Auth #: 732180  
Resp Code: 0  
Stan: 04032122432  
Trace #: 524670  
Invoice #: 524670  
SITE ID: FE48274869001  
MERCHANT COPY

APPROVED 732180

**THANKS COME AGAIN**

Diesel Fuel Contains  
Up To 20% Biodiesel Or  
Renewable State Diesel  
Tax \$ 0.19 Per Gallon

T# 9125 TILL XXXX DR# 1 TRAN# 1030230  
SH: 12 10/04/16 12:23:08

**Stripes # 9125**

1606 E Richardson Rd  
Edinburg TX  
FE48274869001  
STRIPES 9125  
TP48570512-001  
TX

< DUPLICATE RECEIPT >

Description	Qty	Amount
T TSN 20 LB ICE BAG	1	2.99
Subtotal		2.99
Tax		0.25
<b>TOTAL</b>		<b>3.24</b>
DEBIT \$		3.24

#5

VISA DEBIT \$3.24  
Payment from Primary Account  
Acct/Card #: XXXXXXXXXXXX9537  
Auth #: 799611  
Resp Code: 0  
Stan: 04032123324  
Trace #: 524893  
Invoice #: 524893  
SITE ID: FE48274869001  
MERCHANT COPY

APPROVED 799611

**THANKS COME AGAIN**

Diesel Fuel Contains  
Up To 20% Biodiesel Or  
Renewable State Diesel  
Tax \$ 0.19 Per Gallon

ST# 9125 TILL XXXX DR# 1 TRAN# 1014702  
CSH: 3 10/04/16 15:16:11



**WHATABURGER**

Restaurant 317  
101 North By-Pass 281  
Falfurrias, TX 78355  
(361)325-5888  
General Manager - Manuel Reyes  
1-800-6Burger

10/4/2016 7:17:06 PM  
Order 551573 Cashier: Osiris H

1 #2 ML-DOUBLE MEAT WB	7.09
AVOCADO	0.75
*****	0.00
FRIES	0.00
MD DP	0.00
	0.00

#6

SubTotal	7.84
Tax	0.65
<b>Total</b>	<b>8.49</b>

Visa 8.49  
Acct:XXXXXXXX9537

Approval:661714

\*\*\*\*\*

Order ~~551573~~

\*\*\*\*\*

10/4/16

Rudy's Bar-B-Q  
209 W Nolana  
Pharr, TX 78577  
(956) 781-8888

**7-ELEVEN**  
1900 N JACKSON RD  
PHARR TX 78577  
9563920364  
STORE#: 36552  
THANKYOU  
WE APPRECIATE YOU

**Welcome To**  
**Stripes-2509**  
3703 S.Bus Hwy 281  
Edinburg Tx 78539  
956-318-0701  
FE48277962001

st: Juan 10/05/2016  
6 8:15 PM  
40148  
usage Sandwich 4.99  
oz Fountain 2.09  
Lean Brisket  
67 lb @ 14.38 per lb 9.63  
total 16.71  
x 1.38  
ne-In Total 18.09  
SA #XXXXXXXXXX9537 18.09  
Auth:166946

1 OzrkSprngWtr1L 1.59F  
1 KindStrngJlpm1.6z 2.29B  
1 7-S Swch Bags 50ct 2.19T  
1 Polar Bear d/s 201b 2.99B  
1 Polar Bear d/s 201b 2.99B  
SUBTOTAL 12.05  
SALES TAX ON 10.46 0.86  
TOTAL DUE 12.91  
**DEBIT 12.91**  
ACCT#: \*\*\*\*\*9537  
ACCT TYPE: DDA  
APPROVAL#: 712003 AUTH CODE: 0  
APPROVAL TIME: 105255  
Maestro  
STORE#: 36552  
TERM# :00073655201 08  
TERM SEQ#: 938331  
REF# : 97000 22 067 1  
AID: A0000000980840  
ENTRY: CHIP  
US DEBIT  
TC 42F2D763ADDEF854  
PIN VERIFIED  
APPROVED

CUSTOMER AGREES TO PAY THE ABOVE  
TOTAL AMOUNT ACCORDING TO THE CARD  
HOLDERS AGREEMENT

THANKS  
FOR YOUR BUSINESS  
T#01 0P27 TRN2788 10/05/2016 10:52 AM

Description	Qty	Amount
CHAPSTICK MOIST BL	1	2.69
T COKE CLSSC 200Z	1	1.79
T TSN 10 LB ICE BAG	2	2.98
Subtotal		7.46
Tax		0.39
<b>TOTAL</b>		<b>7.85</b>
DEBIT \$		7.85

VISA DEBIT \$7.85  
Payment from Primary Account  
Acct/Card #: XXXXXXXXXXXX9537  
Auth #: 944569  
Resp Code: 0  
Stan: 003297681  
Trace #: 023937  
Invoice #: 23937  
SITE ID: FE48277962001  
MERCHANT COPY

APPROVED .944569

**THANKS COME AGAIN**

Diesel Fuel Contains  
Up To 5% Biodiesel Or  
Renewable State Diesel  
Tax \$ 0.19 Per Gallon

ST# 2509 TILL XXXX DR# 1 TRAN# 1010414  
CSH: 12 10/05/16 07:56:30

Check us out online.  
Your comments matter to us.  
www.rudys.com

--- Check Closed ---

10/5/16

#9

#8

#7

Welcome To  
 Stripes # 9116  
 100 W. Nolana Loop  
 Pharr TX 78577  
 956-7819352  
 FE48274865001

WOODREAU'S BAR & GRILL  
 2724 S. EXPRESSWAY 281  
 EDINBURG, TX 78541  
 956-287-1200

Dine In #4

Description	Qty	Amount
FL 4.29 DR NAACHO		4.29
DR PEPPER LTR		.99
DASANI LTR		1.99
MARS SNICKERS BAR		1.39
2.78 Disp - 1.39		
Subtotal		9.66
Tax		0.28
<b>TOTAL</b>		<b>9.94</b>
DEBIT \$		9.94

Server: Idalia C. 10/06/2016  
 Table: ma 01:51PM  
 Guests: 4 Register-1  
 Receipt: 4625

2 x starter soup of the day 0.00  
 1 x #7 Baja Fish Tacos 6.95  
 - fries  
 1 x #9 Chicken Sandwich Special 6.95  
 - dirty rice

Subtotal 13.90  
 Tax 1.14

Balance Due 15.04

Suggested Tip

15% = 2.09  
 18% = 2.50  
 20% = 2.78

Thank you!

SA DEBIT \$9.94  
 Payment from Primary Account  
 ct/Card #: XXXXXXXXXX9537  
 th #: 176129  
 esp Code: 0  
 pan: 04222117919  
 ace #: 566335  
 wo ce #: 566335  
 TE ID: FE48274865001  
 RCHANT COPY

PROVED 176 29

THANKS COME AGAIN

Diesel Fuel Contains  
 Up To 20% Biodiesel Dr  
 Renewable State Diesel  
 Tax \$ 0.19 Per Gallon

# 9116 TILL XXXX DR# 1 TRAN# 1035493  
 H: 11 10/06/16 20:41:16

See back of receipt for your chance  
 to win \$1000

ID #: 7JZWKK20X28K

**Walmart**   
 Save money. Live better.

( 956 ) 252 - 2047  
 MANAGER MARIBEL MARTINEZ  
 2812 S. EXPRESSWAY 281  
 EDINBURG TX 78542

ST# 05809 OP# 001308 TEN 14 TR# 04699  
 SHOVEL 004920615337 9.78 X  
 SUBTOTAL 9.78  
 TAX 1 8.250 \$ 0.81  
 TOTAL 10.59  
 DEBIT TEND 10.59  
 CHANGE DUE 0.00

EFT DEBIT PAY FROM PRIMARY  
 10.59 TOTAL PURCHASE  
 US DEBIT \*\*\*\* \* 9537 1 0  
 REF # 628000706665  
 NETWORK ID. 0056 APPR CODE 012673

US DEBIT  
 AID A0000000980840  
 TC 0048C75ACC36C1FA  
 \*Pin Verified  
 TERMINAL # SC011259

10/06/16 14:19:03

# ITEMS SOLD 1

YC# 4203 0467 1504 7429 5926



Low Prices You Can Trust. Every Day.  
 10/06/16 14:19:08

Store receipts on your phone. Walmart P  
 ay.



10/6/16

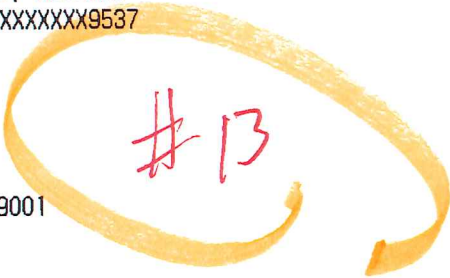
# 12

**Stripes # 9125**

1606 E Richardson Rd  
Edinburg TX  
FE48274869001  
STRIPES 9125  
TP48570512-001  
TX

Description	Qty	Amount
T COKE CLSSC 200Z	1	1.89
DASANI 200Z	1	1.39
STARBUCKS DBL SHT M	1	3.79
T SJ GNT SLM TABASCO	1	1.59
Subtotal		8.66
Tax		0.29
<b>TOTAL</b>		<b>8.95</b>
DEBIT \$		8.95

VISA DEBIT \$8.95  
Payment from Primary Account  
Acct/Card #: XXXXXXXXXXXX9537  
Auth #: 369864  
Resp Code: 0  
Stan: 04072145416  
Trace #: 530765  
Invoice #: 530765  
SITE ID: FE48274869001  
MERCHANT COPY



APPROVED 369864

**THANKS COME AGAIN**

Diesel Fuel Contains  
Up To 20% Biodiesel Or  
Renewable State Diesel  
Tax \$ 0.19 Per Gallon

ST# 9125 TILL XXXX DR# 1 TRAN# 1018471  
CSH: 5 10/08/16 11:43:27

10/8/16

10/08/2016 1:58:02 PM  
Register: 1 Trans #: 9729 Op ID: 2003  
Your cashier: Margie

NESTLE PL 700M \$1.09 99  
STARBUCKS MOCH \$3.59  
MARATHON CHEWY \$1.99

Subtotal = \$6.67  
Tax = \$0.46

Total = \$7.13

Change Due = \$0.00

Debit \$7.13

XXXXXXXXXXXX9537 Debit  
INVOICE: 027200  
AUTH 456168

=====  
POS Purchase/Capture  
Site #: 000000004809349  
Shift Number 1  
Sequence Number 43898  
Chip Read  
US DEBIT  
Mode: Issuer  
AID: A0000000980840  
TVR: 8080048000  
IAD: 06010A03A00000  
TSI: 6800  
ARC: 00  
APPROVED 456168  
Verified by PIN  
=====



Dealer #4809349  
OUR DIESEL CONTAINS UP TO 5% BIODIESEL  
THANK YOU!!!



Hampton Inn & Suites  
 300 West Nolana Loop • Pharr, TX 78577  
 Phone (956) 781-1116 • Fax (956) 781-0010

*AVU 51392*



<p>HARRISON, AUSTIN ✓ <i>Conrad</i>          1520 RICHARDSON DR #1216          RICHARDSON TX 78080          UNITED STATES OF AMERICA</p>	<p>name address          room number: 410/SXQL          arrival date: 10/5/2016 7:38:00 PM          departure date: 10/8/2016 6:22:00 AM          adult/child: 1/0          room rate: 109.00</p>	<p>If the debit/credit card you are using for check-in is attached to a bank or checking account, a hold will be placed on the account for the full anticipated dollar amount to be owed to the hotel, including estimated incidentals, through your date of check-out and such funds will not be released for 72 business hours from the date of check-out or longer at the discretion of your financial institution.</p>
--	---	--

<p>Confirmation Number: 82151577          10/8/2016</p>	<p>Rate Plan: LV4          HH #          AL:          Car:          Rates subject to applicable sales, occupancy, or other taxes. Please do not leave any money or items of value unattended in your room. A safety deposit box is available for you in the lobby. I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company or association fails to pay for any part or the full amount of these charges. In the event of an emergency, I, or someone in my party require special evacuation assistance due to a physical disability. Please indicate yes by checking here: <input type="checkbox"/>          signature:</p>
---	--

date	reference	description	amount
10/5/2016	522194	GUEST ROOM	\$109.00
10/5/2016	522194	RM-STATE TAX	\$6.54
10/5/2016	522194	RM-CITY TAX	\$7.63
10/6/2016	522326	GUEST ROOM	\$109.00
10/6/2016	522326	RM-STATE TAX	\$6.54
10/6/2016	522326	RM-CITY TAX	\$7.63
10/7/2016	522476	GUEST ROOM	\$109.00
10/7/2016	522476	RM-STATE TAX	\$6.54
10/7/2016	522476	RM-CITY TAX	\$7.63
10/8/2016	522492	AX *3007	(\$369.51)
		**BALANCE**	\$0.00

for reservations call 1.800.hampton or visit us online at hampton.com

thanks.

<p>account no. AX *3007</p>	<p>date of charge 10/8/2016</p>	<p>folio/check no. 172134 A</p>
<p>card member name HARRISON, AUSTIN</p>	<p>authorization 085510</p>	<p>initial</p>
<p>establishment no. and location establishment agrees to transmit to card holder for payment</p>	<p>purchases &amp; services          taxes          tips &amp; misc.</p>	
<p>signature of card member X</p>	<p>total amount</p>	<p>-369.51</p>





# Hidalgo County Drainage District No. 1

902 North Doolittle Road, Edinburg, TX 78542 Office: 956-292-7080

## Invoice Processing Routing Slip

Invoice/ Backup

Date Received: 12/21/2016

Engineer/Firm Name: Half Associates

Project Name/Number: HCDD1 Former Firing Range Berm, WA No. 2

Invoice No.: M219499

Invoice Date: 12/16/2016

Due Date: 1/20/2017

Purchase Order No.: 629455

Amount: \$1,860.00

Total # of Pages Submitted: 4

Attachments:  CD  USB  Plans Other: \_\_\_\_\_

Engineering:

Construction:

Received By: Maria Perez

### Forwarded to:

Nora D. Cavazos \_\_\_\_\_ Date: \_\_\_\_\_

Esther Layton \_\_\_\_\_ Date: \_\_\_\_\_

Claudette Guerrero \_\_\_\_\_ Date: \_\_\_\_\_

Jose N. Saldivar \_\_\_\_\_ Date: \_\_\_\_\_

Lora Briones \_\_\_\_\_ Date: \_\_\_\_\_

Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

RECEIVED  
HIDALGO COUNTY  
DRAINAGE DISTRICT #1

DEC 21 2016

1:07 AM/PM

BY: *[Signature]*



**REMITTANCE ADDRESS**

**Halff Associates, Inc**  
**P.O. Box 678316**  
**Dallas, TX 75267**  
**www.halff.com**

HIDALGO COUNTY DRAINAGE DISTRICT #1  
902 N. DOOLITTLE  
EDINBURG, TX 78542  
Attention: Mr. Raul Sesin

Invoice Date : 12/16/2016  
Invoice # : M219499  
Project : 31392  
Invoice Group : 02  
Client Code : HIDALG

Project Name : HCDD#1\Former Firing Range Berm

**For Professional Services Rendered through: 12/4/2016**

Re: Engineering Services \ Subsurface Investigation  
Rifle\Handgun Firing Range Project  
TCEQ TRRP Applicability Evaluation & Environmental Remediation  
Edinburg, TX  
Purchase Order#: 629455

\*\* Please contact Maribel Martinez at (956-664-0286)  
with any questions regarding this invoice.

Phase / Task / Name	Fee	Previous Amount	Current Amount	Total Fee Earned	Budget Remaining
WA02 -- TCEQ TRRP Applicability& Remediatio	151,788.00	126,784.55	1,860.00	128,644.55	23,143.45
<b>Totals:</b>	<b>151,788.00</b>	<b>126,784.55</b>	<b>1,860.00</b>	<b>128,644.55</b>	<b>23,143.45</b>

Project Fee: 151,788.00  
Prior Billings: 126,784.55  
Total Available: 25,003.45

Total this Invoice 1,860.00  
**Amount Due this Invoice 1,860.00**

Phase :WA02 -- TCEQ TRRP Applicability& Remediatio

Task : \*\*\*\* -- Default Task

Rate Schedule Labor

<u>Class / Employee Name</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
<b>DRAFTSMAN - ENVIRONMENTAL - LEVEL 4</b>				
Adam G. Hamrick	11/22/2016	3.00	80.00	240.00
<b>GEOLOGIST</b>				
S Kent Belaire	11/28/2016	0.50	205.00	102.50
<b>GEOLOGIST, GRADE 5</b>				
Lee E. Beeson	11/07/2016	4.00	120.00	480.00
Review well reports and edit, set up RACR folder and documents	11/08/2016	2.00	120.00	240.00
Final well reports review, save and put in appendices	11/14/2016	2.50	120.00	300.00
RACR	11/22/2016	2.00	120.00	240.00
Edit figures and discuss with AH	11/30/2016	1.00	120.00	120.00
Review final draft figures				
		----- 11.50		----- 1,380.00

**Rate Schedule Labor 1,722.50**

Total Task : \*\*\*\* -- Default Task

Labor : 1,722.50  
Expense : 0.00

Task : RE01 -- Reimbursable Expenses

Regular Expenses

<u>Vendor Name</u>	<u>Doc Nbr</u>	<u>Date</u>	<u>Cost</u>	<u>Multiplier</u>	<u>Amount</u>
<b>Subconsultants - Other</b>					
GeoSearch, L.P.	205720	08/31/2016	125.000	1.100	137.50
Water Well Report					

**Regular Expenses 137.50**

Total Task : RE01 -- Reimbursable Expenses

Labor : 0.00  
Expense : 137.50

Total Phase : WA02 -- TCEQ TRRP Applicability& Remediatio

1,860.00

Total Project: 31392 -- HCDD#1\Former Firing Range Berm

1,860.00

GeoSearch

205720

16382

Invoice

PO Box 975353  
Dallas, TX 75397-5353

74-2943057

DATE	INVOICE #
8/31/2016	16-10181
TERMS:	
Due upon receipt	

BILL TO

Halff Associates  
Attn: Accounts Payable  
1201 N. Bowser  
Richardson, TX 75081

Remit Payments to:

GeoSearch  
P.O. Box 975353  
Dallas, TX 75397-5353

Project #	Sales Rep	Order By	GS #	PO#
31392	SWRO	Conrad Harrison	74188	N/A

QUANTITY	DESCRIPTION	RATE	AMOUNT
	Water well report (1/2 mile radius) in Texas	125.00	125.00T
	Former Firing Range Berm - Hidalgo County 902 N Doolittle Rd Edinburg, TX		
	Sales tax	8.25%	<del>10.31</del>

*Handwritten notes:*  
 OK b 17  
 Hidalgo Co. - TAX EXEMPT  
 AUO 31392  
 WADZ  
 ILB

\$125.00

For questions call 888-396-0042	<b>Total</b>	\$135.31
	<b>Payments/Credits</b>	\$0.00
	<b>Balance Due</b>	\$135.31

\$125.00

# TEXAS SALES AND USE TAX RESALE CERTIFICATE

Name of purchaser, firm or agency as shown on permit <b>Halff Associates, Inc.</b>	Phone (Area code and number) <b>214-346-6200</b>
Address (Street & number, P.O. Box or Route number) <b>1201 North Bowser Road</b>	
City, State, ZIP code <b>Richardson, Texas 75081</b>	
Texas Sales and Use Tax Permit Number (must contain 11 digits) <b>17151130186995</b>	
Out-of-state retailer's registration number or Federal Taxpayers Registry (RFC) number for retailers based in Mexico  (Retailers based in Mexico must also provide a copy of their Mexico registration form to the seller.)	

I, the purchaser named above, claim the right to make a non-taxable purchase (for resale of the taxable items described below or on the attached order or invoice) from:

Seller: Geosearch

Street address: 3006 Bee Caves, Ste. A-230

City, State, ZIP code: Austin, Texas 78746

Description of items to be purchased on the attached order or invoice:

Aerial photos, ASTM Radius Reports, etc.

**Invoice # 16-10181**

Description of the type of business activity generally engaged in or type of items normally sold by the purchaser:

Engineering services/consulting

**Project # 31392 - Hidalgo Co. Drainage District**

The taxable items described above, or on the attached order or invoice, will be resold, rented or leased by me within the geographical limits of the United States of America, its territories and possessions or within the geographical limits of the United Mexican States, in their present form or attached to other taxable items to be sold.

I understand that if I make any use of the items other than retention, demonstration or display while holding them for sale, lease or rental, I must pay sales tax on the items at the time of use based upon either the purchase price or the fair market rental value for the period of time used.

I understand that it is a criminal offense to give a resale certificate to the seller for taxable items that I know, at the time of purchase, are purchased for use rather than for the purpose of resale, lease or rental, and depending on the amount of tax evaded, the offense may range from a Class C misdemeanor to a felony of the second degree.

sign here	Purchaser <b>O. Mitchell</b>	Title <b>Accts. Payable</b>	Date <b>12-2-16</b>
-----------	---------------------------------	--------------------------------	------------------------

This certificate should be furnished to the supplier. Do not send the completed certificate to the Comptroller of Public Accounts.

**AI -57966**

**8.**

**DRAINAGE - CONSENT**

Meeting Date: 01/10/2017

Submitted For: Lora Briones

Submitted By: Lora Briones, DRAINAGE  
DISTRICT

Department: DRAINAGE DISTRICT

---

Information

CAPTION

**Engineering Firm: TEDSI Infrastructure Group**

**2012 Bond**

Invoice No. 20162925 in the amount of \$1,020.00 pertaining to Work Authorization No. 12 Legal Rights Services for the Lower Rio Grande Valley Regional Water Management Program (Delta Watershed) PO# 623665

BACKGROUND

---

Fiscal Impact

Attachments

**TEDSI Infrastructure Group Invoice No. 20162925**

---

**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	01/06/2017 05:36 PM
Form Started By: Lora Briones		Started On: 01/06/2017 08:15 AM
Final Approval Date: 01/06/2017		



# Hidalgo County Drainage District No. 1

902 North Doolittle Road, Edinburg, TX 78542 Office: 956-292-7080

## Invoice Processing Routing Slip

Invoice/ Backup

Date Received: 12/15/2016

Engineer/Firm Name: TEDSI Infrastructure Group

Project Name/Number: (Delta Watershed) LRGVRWMP-Legal

Invoice No.: 20162925

Invoice Date: 12/13/2016

Due Date: 1/14/2017

Purchase Order No.: 623665

Amount: \$1,020.00

Total # of Pages Submitted: 17

Attachments:  CD  USB  Plans Other: \_\_\_\_\_

Engineering:

Construction:

Received By: Maria Perez

### Forwarded to:

Nora D. Cavazos \_\_\_\_\_ Date: \_\_\_\_\_

Esther Layton \_\_\_\_\_ Date: \_\_\_\_\_

Claudette Guerrero \_\_\_\_\_ Date: \_\_\_\_\_

Jose N. Saldivar \_\_\_\_\_ Date: \_\_\_\_\_

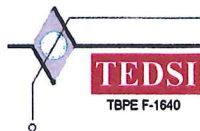
Lora Briones \_\_\_\_\_ Date: \_\_\_\_\_

Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DEC 15 2016

12:10 AM PM

BY: 



**TEDSI INFRASTRUCTURE GROUP**

*Consulting Engineers*

1201 East Expressway 83 Mission, Texas 78572  
 Tel: (956) 424-7898  
 Fax: (956) 424-7022

December 13, 2016  
 Project No: 2013-1128-12  
 Invoice No: 20162925

Ms. Claudette Guerrero  
 Hidalgo County Drainage District No. 1  
 902 North Doolittle Road  
 Edinburg, TX 78542

Project 2013-1128-12 Lower Rio Grande Valley Regional Water Management Program - Legal

**Precinct No. 1 - 2012 Bond Referendum**  
**Account No. 13-133-433-360-43340-010-000**  
**P.O. No. 623665**

**Professional Services from November 01, 2016 to November 30, 2016**

Phase	200	Water Rights - BBS, PC			
<b>Consultants</b>					
Reimbursable Consultants Expense					
11/30/2016	Beatty Bangle Starna, PC	Invoice No. 19816	900.00		
<b>Total Consultants</b>			<b>900.00</b>		<b>900.00</b>
				<b>Total this Phase</b>	<b>\$900.00</b>

Phase	300	Water Rights - BHDA, LLP			
<b>Consultants</b>					
Reimbursable Consultants Expense					
11/30/2016	Bickerstaff Heath Delgado Acosta LLP	Invoice No. 102311	120.00		
<b>Total Consultants</b>			<b>120.00</b>		<b>120.00</b>
				<b>Total this Phase</b>	<b>\$120.00</b>

<b>Billing Summary</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	1,020.00	192,581.05	193,601.05
Total Fee			206,463.14
Remaining Fee			12,862.09

**Total this Invoice \$1,020.00**

**Outstanding Invoices**

<b>Number</b>	<b>Date</b>	<b>Balance</b>
20162900	11/15/2016	1,050.00
<b>Total</b>		<b>1,050.00</b>

**Total Now Due \$2,070.00**

**PLEASE REMIT PAYMENT TO:**  
 TEDSi Infrastructure Group, Inc.  
 738 Highway 6 South, Suite 430  
 Houston, Texas 77079

Authorized By:   
 Mark W. Luper, F.E., F.P.L.S.  
 Executive Vice President

Date: 12.13.16



# BBS

BEATTY  
BANGLE  
STRAMA PC

November 30, 2016

Jesse Salinas  
TEDSI Infrastructure Group  
1201 East Expressway 83  
Mission, TX 78572

TEDSI INFRASTRUCTURE GROUP		
Project No. <u>2013-1128-12</u>	Phase No. <u>200</u>	
<input type="checkbox"/> Lump Sum	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Hold
<input checked="" type="checkbox"/> Hourly	<input type="checkbox"/> Rejected	<input type="checkbox"/> Process
Sign <u>MWR</u>	Date <u>12/13/16</u>	

Invoice No. 19816

In Reference To: *Hidalgo County Delta Watershed Project and Hidalgo County Drainage District No. 1*

Professional Services

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
11/03/16 ELIII Water Brief	3.00	300.00/hr	900.00
For professional services rendered		3.00	\$900.00

Previous balance \$1,125.00

Accounts receivable transactions

11/7/2016 Payment - Thank You(No. 51201) (\$225.00)

Balance due \$1,800.00

<u>Current</u>	<u>30 Days</u>	<u>60 Days</u>	<u>90 Days</u>	<u>120+ Days</u>
\$900.00	\$900.00	\$0.00	\$0.00	\$0.00

400 West 15th Street | Suite 1450 | Austin, Texas 78701

T (512) 879-5050 | F (512) 879-5040 | bbsfirm.com

# Bickerstaff Heath Delgado Acosta LLP

3411 S. Mo-Pac Expy. Building One, Suite 300 Austin, Texas 78746 (512) 472-8021 Fax (512) 320-5638 Tax ID No 74-2153894



Hidalgo County Drainage District No. 1  
 c/o TEDSI Infrastructure Group, Inc.  
 1201 E. Expressway 83  
 Mission, TX 78572

December 12, 2016  
 Client: 003978  
 Matter: 000001  
 Invoice #: 102311  
 Bill Atty: DM

Page: 1

RE: Drainage Improvements

TEDSI INFRASTRUCTURE GROUP		
Project No. <u>2013-1128-12</u>	Phase No. <u>300</u>	
<input type="checkbox"/> Lump Sum	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Hold
<input checked="" type="checkbox"/> Hourly	<input type="checkbox"/> Rejected	<input type="checkbox"/> Process
Sign <u>MWL</u>	Date <u>12/13/16</u>	

For Professional Services Rendered Through November 30, 2016

## SERVICES

Date	Person	Description of Services	Hours	
11/4/2016	EWR	Emails to M. Lupher regarding status of permit.	0.1	
11/7/2016	EWR	Evaluate status of draft permit; email team regarding same.	0.2	
11/14/2016	EWR	Email to team regarding status of permit approval.	0.1	
Total Professional Services			0.4	\$120.00

## BILLING RECAP

	Level	Hours	Rate	Amount
EWR	Emily Rogers	Partner	0.4	\$300.00
Total Services			\$120.00	
Total Current Charges				\$120.00

**PAY THIS AMOUNT**

**\$120.00**

October/November 2016

**Via Electronic Mail**

Mark Lupher  
TEDSI Infrastructure Group  
1201 East Expressway 83  
Mission, TX 78572

Re: October/November 2016 Water Brief

Please allow the following information to serve as a resource regarding some of the water issues trending in Texas. It is not a comprehensive summary. Its purpose is to provide information that may be of interest to water stakeholders in our region at this time. In addition, the information provided is only basic information regarding the subject matter herein. Additional information regarding any of the subject matters discussed below is available upon request. This is a work product of Beatty Bangle Strama PC and is intended for the sole use of the firm's clients. Before taking any action in reliance on the information included herein, we ask that you personally consult with an attorney from our firm.

**United States Mexico Water Talks**

With water in short supply in the Colorado River, officials from the United States and Mexico are hoping to reach a water sharing agreement before Donald Trump takes office. A long term drought has resulted in the some of the lowest water levels in the Lake Mead reservoir, which serves several western U.S. states and two states in Mexico. Both countries have been operating under a four-year old agreement which accounts for the quantities both countries are entitled to and how some water is to be stored. Under the agreement the U.S. stores significant quantities of water for Mexico in Lake Meade. This storage allows U.S. power generators to maintain its hydro-power operations in that region. If an agreement is not reached within a year's time, several cities and farmers in the southwestern region of the United States could face severe cuts to their water supplies. Most significant is the uncertainty on how those cuts would be shared between the two countries which could further damage U.S./Mexico relations.

Officials on both sides of the border are concerned that talks would be significantly impacted and stalled by a Trump administration that has already been very critical of Mexico. Even with a pending transition to a Trump administration, Mexico is expected to hold its ground and demand its maximum share of water per the Treaty. Under a 1944 Treaty with Mexico, the U.S. must send 1.5 million acre-feet of water across the border each year. However, the Treaty's provisions laying out rules on what happens during a drought are vague and undefined. Mexico

has the right to take the U.S. to international arbitration, and in addition could use its deliveries of water to the Rio Grande in Texas as leverage for compliance with the Treaty in the Colorado River. After years of fighting, the U.S. and Mexico struck a deal as part of a water sharing agreement signed in 2012 that is set to expire next year. The deal was memorialized under the treaty under "Minute 319" which stated that the U.S. government would invest \$21 million in water conservation programs in Mexico like lining canals to reduce leaks and improving water efficiency at farms. In addition, Minute 319 allows Mexico to store its allocations of Colorado River water on the U.S. side of the border in Lake Meade to assist Mexico with its water storage capacity problems that resulted from a 2010 earthquake.<sup>1</sup>

Failure to reach a deal in the Colorado could have major impacts for deliveries to the Rio Grande River. Unlike the Colorado River, the Rio Grande is heavily dependent on deliveries from Mexico. Many stakeholders in Texas believe that the situation in the Colorado River and negotiations to extend a water deal in that area provide an opportunity to solve some of the compliance problems Texas has faced with Mexico in the Rio Grande. A favorable scenario could be to tie U.S. deliveries in the Colorado to Mexico's deliveries to the Rio Grande. Historically, Western states have not worked with Texas on these issues and have been on record demanding that deliveries and treaty compliance on the Colorado and Rio Grande be treated independently. Ultimately, Texas needs to find a way to encourage the State Department to arrange a more consistent predictable delivery schedule by Mexico to the Rio Grande with consequences for failed or deficient deliveries. Currently, members of the Texas Congressional delegation are looking for ways to advocate for the inclusion of deliveries to the Rio Grande in the negotiations taking place in the Colorado.

### **No Charge Water Bill Proposed for Next Session**

Earlier this year, the Texas Commission on Environmental Quality ("TCEQ") charged the water accounts of South Texas permit holders when they diverted water from the Rio Grande River after Mexico delivered water to the River through a non-named treaty tributary. The 1944 Water Treaty, which governs the allocation of water between the two countries, names the tributaries that Mexico shall use to deliver its obligated water to the Rio Grande. These tributaries were chosen due to their location on the River above all of the storage reservoirs that capture and hold water that would otherwise be lost to the Gulf of Mexico. Officials at the International Boundary and Water Commission ("IBWC") have interpreted the treaty to allow Mexico to deliver water via non-named tributaries in efforts to assist Mexico with water delivery compliance. Historically, the TCEQ allowed users to divert water from the River without charging their water permit accounts when Mexico delivered water from tributaries not named in the treaty. This was allowed primarily because these deliveries have been at points below the last reservoir on the River and waters would be lost to the Gulf of Mexico. However, TCEQ deviated from their historic practice and charged water users for diversions made after Mexico delivered water in January 2016 from a non-named tributary. Some stakeholders in the Rio Grande Valley believe

---

<sup>1</sup> Politico article: "Trump win churns U.S.-Mexico water talks"

that there are already agency rules that prohibit TCEQ from charging the accounts of permit holders after a non-named tributary delivery but that the agency did not abide by its own rule. In efforts to alleviate any confusion in the future, legislation will be filed next session to codify in statute that the TCEQ shall not charge the accounts of water permit holders when they make diversions from the River after a delivery from a non-named tributary. Although we cannot control IBWC's decision to credit Mexico for deliveries from tributaries outside the treaty, we can manage how permit holder accounts will be treated.

### **EPA Drinking Water Safety Plan**

The U.S. Environmental Protection Agency ("EPA") recently introduced its plan to address drinking water safety by protecting drinking water sources and tightening oversight of regulatory frameworks. Various state and federal elected officials have made drinking water safety a top priority resulting from the events in communities like Flint, Michigan. The problem stems primarily from traces of toxic lead contaminating water supplies due to aging pipe infrastructure. Lead contamination in water can lead to various health problems with children and pregnant women being the most vulnerable.

The EPA said its Drinking Water Action Plan is aimed at helping all levels of government, utilities, community organizations and other stakeholders work together to increase the safety and reliability of drinking water. The planning document doesn't come with any binding rules or regulations, but rather highlights needed improvements. According to the EPA, one important area to focus on is building capacity for water infrastructure financing and management in disadvantaged, small, low-income, economically stressed or environmental overburdened communities. The EPA believes that this could best be accomplished through promoting regional partnerships, updating and strengthening training programs for systems operators, sharing best practices and establishing an online water funding portal. EPA also believes that greater oversight of the Safe Drinking Water Act could be accomplished through electronic reporting for SDWA compliance, releasing triennial EPA reviews of state programs, and developing indicators to identify troubled systems.

Other priorities identified by the agency include strengthening source water protection by updating and acting on source water vulnerability assessments, building collaborative local partnerships for watershed protection, developing an initiative to enhance community resilience to climate and extreme weather events, launching source water monitoring pilot projects and promoting water efficiency and reuse. This plan is in its early stages and is yet to include specifics on how these goals will be accomplished. We will continue to monitor this process as the EPA develops its action plan and proposed regulatory changes to determine if the direction the plan is heading contains any unintended consequences for our regional systems and stakeholders.<sup>2</sup>

---

<sup>2</sup> Law 360 Article "EPA Outlines Plan to Improve U.S. Drinking Water Safety"

### **2017 Swift Funding Applications**

On December 1, the Texas Water Development Board will open the application period for the 2017 funding cycle of the State Water Implementation Fund for Texas ("SWIFT") program. Application will be due by February 3, 2017. The TWDB financed approximately \$1.6 billion in state water plan projects during the first two cycles of funding. These projects included transmission pipelines, canal lining, capacity expansions, seawater desalination planning, leak detection systems, water meter replacements, and reservoirs. Project sponsors saved an estimated \$178 million in the first two cycles of the program. TWDB anticipates being able to accommodate approximately \$500 million in new application for the 2017 funding cycle. The TWDB is considering an important change for this cycle, the increase of subsidies offered for rural and agricultural projects. Preliminary projects indicate a subsidy level of up to 50 percent for loans. The Board stated that this year's cycle will provide non-rural entities with interest subsidies that range from 16 to 35 percent depending upon the length of the loan and the type of project. <https://ola.twdb.texas.gov> is a link to the online application for the funding for the coming cycle. For more information about the SWIFT program please visit <http://www.twdb.texas.gov/financial/programs/swift/index.asp>.

### **Miscellaneous**

Attached please find the latest reservoir report prepared by the TCEQ Water Master's office for the Rio Grande River. Included in the report is the latest information regarding Mexican water deliveries.

[https://www.texastribune.org/2016/11/29/data-application-track-texas-reservoir-levels/?utm\\_source=Texas+Tribune+Master&utm\\_campaign=1420671417-trib-newsletters-rss&utm\\_medium=email&utm\\_term=0\\_d9a68d8efc-1420671417-101254421&mc\\_cid=1420671417&mc\\_eid=d105dfb8b9](https://www.texastribune.org/2016/11/29/data-application-track-texas-reservoir-levels/?utm_source=Texas+Tribune+Master&utm_campaign=1420671417-trib-newsletters-rss&utm_medium=email&utm_term=0_d9a68d8efc-1420671417-101254421&mc_cid=1420671417&mc_eid=d105dfb8b9) Link to an interactive website with the latest information on reservoir levels in Texas.

<https://www.tceq.texas.gov/publications/sfr/tceq-biennial-report/index85> This is a link to TCEQ's Biennial Report to the Legislature which is published every December prior to the regular legislative session, as required by the Texas Water Code, Section 5.178. This submission to the 85<sup>th</sup> Legislature also contains other information and reports that are required by statute. This report contains useful information regarding water quality, water availability, agency resources and environmental assistance.

[http://today.agrilife.org/2016/11/23/hydrologic-modeling-direct-eco-friendly-urban-rural-land-development/?utm\\_content=buffer082e8&utm\\_medium=social&utm\\_source=facebook.com&utm\\_campaign=buffer](http://today.agrilife.org/2016/11/23/hydrologic-modeling-direct-eco-friendly-urban-rural-land-development/?utm_content=buffer082e8&utm_medium=social&utm_source=facebook.com&utm_campaign=buffer) this is a link to an interesting article about a tool developed by a Texas

Mark Luper  
October/November 2016  
Page 5

A&M researcher that assists planners understand how proposed developments impact flash flooding and water quality.

<http://waterfortexas.twdb.texas.gov/agenda.asp> this is a link to the home page and registration for the upcoming Water for Texas 2017 conference hosted by the Texas Water Development Board.

Attached please find an executive summary provided by TCEQ regarding its propose rules resulting from legislation passed during the 84<sup>th</sup> legislative session in relation to the use of graywater and alternative onsite water use. The TCEQ is required to develop standards to allow the reuse of graywater for toilet and urinal flushing.

# Texas Commission on Environmental Quality

## Interoffice Memorandum

**To:** Commissioners **Date:** November 18, 2016

**Thru:** Bridget C. Bohac, Chief Clerk  
Richard A. Hyde, P.E., Executive Director

**From:** L'Oreal W. Stepney, P.E., Deputy Director  
Office of Water

Ramiro Garcia, Jr., Deputy Director  
Office of Compliance and Enforcement

**Docket No.:** 2016-0335-RUL

**Subject:** Commission Approval for Rulemaking Adoption  
Chapter 210, Use of Reclaimed Water  
Chapter 285, On-Site Sewage Facilities  
HB 1902: Graywater and Alternative Onsite Water Reuse  
Rule Project Number: 2015-028-210-OW

**Background and reason(s) for the rulemaking:**

House Bill 1902 (HB 1902 or bill), 84th Texas Legislature (2015), amended Texas Health and Safety Code (THSC), Chapters 341 and 366 and Texas Water Code (TWC), Chapter 26 in relation to the use of graywater and alternative onsite water. The bill requires the Texas Commission on Environmental Quality (TCEQ, agency, or commission) to develop standards to allow the reuse of graywater for toilet and urinal flushing.

Additionally, the bill creates a new regulatory classification for "alternative onsite water" which the bill defines as "rainwater, air-conditioning condensate, foundation drain water, storm water, cooling tower blowdown, swimming pool backwash and drain water, reverse osmosis reject water, or any other source of water considered appropriate by the commission". The bill directs TCEQ to develop similar standards for the reuse of this new source of water similar to graywater.

The bill provides authority to TCEQ to adopt and implement rules for the inspection and annual testing of graywater and alternative onsite water systems.

The bill allows an adjustment in the drainfield size of an on-site sewage facility (OSSF) if used in conjunction with a graywater reuse system.

Lastly, the bill requires TCEQ to develop a regulatory guidance manual to explain the graywater and alternative onsite water regulations.

**Scope of the rulemaking:**

**A.) Summary of what the rulemaking will do:**

The adopted rulemaking amends 30 Texas Administrative Code Chapters 210 and 285.

The adopted rules:

- allow for a potential reduction in the OSSF drainfield size if the OSSF is used in conjunction with a reuse system;
- move all graywater reuse to Chapter 210;

Re: Docket No. 2016-0335-RUL

- authorize the reuse of alternative onsite water;
- authorize by rule the reuse of 400 gallons per day or more of graywater and alternative onsite water, unless directed by the executive director to obtain an authorization;
- add toilet and urinal flushing as an authorized use of graywater and alternative onsite water;
- establish uses of and treatment standards for alternative onsite water similar to graywater;
- allow spray irrigation at private residences under certain conditions;
- incorporate nationally recognized treatment levels for total suspended solids and *Escherichia coli* (*E. coli*) for graywater and alternative onsite water when used for toilet and urinal flushing; and
- revise bacteria limits from fecal coliform to *E. coli* throughout the rule.

The adopted rules do not include an inspection or testing program for these systems because the TCEQ does not issue permits for graywater and alternative onsite water reuse systems.

A regulatory guidance manual to explain the graywater and alternative onsite water regulations will be developed after adoption of this rulemaking.

**B.) Scope required by federal regulations or state statutes:**

The adopted rules implement HB 1902.

**C.) Additional staff recommendations that are not required by federal rule or state statute:**

In response to comments, the adopted rule was revised to authorize by rule the reuse of 400 gallons per day or more of graywater and alternative onsite water, unless directed by the executive director to obtain an authorization, and to allow spray irrigation at private residences under certain conditions.

**Statutory authority:**

- TWC, §5.013, which establishes the general jurisdiction of the commission over other areas of responsibility as assigned to the commission under the TWC and other laws of the state;
- TWC, §5.102, which establishes the commission's authority necessary to carry out its jurisdiction;
- TWC, §5.103 and §5.105, which authorizes the commission to adopt rules and policies necessary to carry out its responsibilities and duties under TWC, §5.013;
- TWC, §5.120, which requires the commission to administer the law so as to promote judicious use and maximum conservation and protection of the environment and the natural resources of the state;
- TWC, §26.011, which provides the commission with the authority to establish the level of quality to be maintained in, and to control the quality of, the water in the state by subjecting waste discharges or impending waste discharges to reasonable rules or orders adopted or issued by the TCEQ in the public interest;

Re: Docket No. 2016-0335-RUL

- TWC, §26.0311, which establishes the commission's authority to adopt standards for the use and control of graywater;
- THSC, §341.039, which establishes the commission's authority to adopt standards for the use and reuse of graywater;
- THSC, §366.011, which establishes the commission's authority over the location, design, construction, installation, and proper functioning of on-site sewage disposal systems; and
- THSC, §366.012, which establishes the commission's authority to adopt rules concerning on-site sewage disposal systems.

**Effect on the:**

**A.) Regulated community:**

The regulated community consists of homeowners and industrial, commercial, and agricultural facilities that reuse graywater and alternative onsite water. The adopted rules allow the regulated community to reuse additional sources of water, allow graywater and alternative onsite water to be used for toilet and urinal flushing, allow 400 gallons or more to be reused without a permit, and allow spray irrigation at private residences. Additionally, the adopted rulemaking establishes treatment standards for toilet and urinal flushing at all facilities and spray irrigation at private residences that are consistent with the National Science Foundation/American National Standards Institute (NSF/ANSI) Standard 350-2014. By adopting nationally recognized standards, members of the regulated community can use commercially available products that are NSF/ANSI 350 certified.

Lastly, members of the regulated community that dispose of wastewater by use of an OSSF will have the option of reducing the size of the OSSF drainfield when used in conjunction with a reuse system. The cost savings from the reduced drainfield may offset the costs of installing the reuse system.

**B.) Public:**

As the Author's/Sponsor's Statement of Intent makes clear, the 84th Texas Legislature enacted HB 1902 with the aim of lessening Texas' demand for freshwater resources by encouraging and expanding the allowable uses of graywater and other recycled water as a part of the solution to Texas' water challenges.

The adopted rules implement HB 1902 and the bill's intent by expanding the sources of water and the authorized uses of graywater and alternative onsite water, and encouraging the beneficial reuse by allowing spray irrigation and reuse of 400 gallons per day or more without a permit, and allowing a potential reduction in the size of OSSF drainfields when used in conjunction with a reuse system.

**C.) Agency programs:**

Outside of the rulemaking and regulatory guidance manual, no additional impacts are anticipated for agency programs as these rules are self-implementing.

Re: Docket No. 2016-0335-RUL

**Stakeholder meetings:**

The executive director held a stakeholder meeting on August 26, 2015, which had approximately 53 attendees. Additionally, the executive director published a draft version of the rules from January 25 through February 29, 2016, for informal stakeholder review and comment. Comments were received from 13 individuals and entities. These informal comments were used to develop the proposed rules. A public hearing was held on August 16, 2016, to allow oral comments on the proposed rulemaking.

**Public comment:**

The public comment period closed on August 22, 2016. The commission received comments from: the City of Austin; City of Irving; Harris County; League of Women Voters of Texas; Biggerstaff Homes, Inc., Sunbelt Construction, LLC, Lipan Development, LLC; Lower Colorado River Authority; Representative Donna Howard; Representative Paul D. Workman; Septic Systems Express; Texas Association of Builders; Texas On-Site Wastewater Association; Texas Septic Systems Council; and Water ReNu LLC. The majority of the commenters requested that the rules include additional requirements or clarifications.

Comments on Chapter 210 related to allowing air-conditioner condensate and reverse osmosis reject water to enter the wastewater system, authorizing the reuse of reverse osmosis reject water at industrial facilities in this subchapter, prohibiting graywater systems from overflowing to the wastewater system, keeping the rule requirements cost effective by allowing off-the-shelf systems, clarification of whether gardening includes edible and/or non-edible vegetation, revising "does not damage the quality of surface water.." to "does not impact quality of surface water," revising the notification to the OSSF permitting authority or wastewater collection system and treatment plant owner, clarification on the 400-gallon per day limit for reuse at a private residence, removing the backflow prevention between the reuse system and the wastewater system, removing the requirement for a 50-mesh inflow screen on the storage tank, allowing spray irrigation at private residences, clarification on the recommendation to reuse all allowable sources, adding a prohibition from disposing of laundry graywater on an OSSF drainfield, clarification on the "significant amounts" of certain laundry detergent ingredients, replacing *E. coli* limits on irrigation with water management techniques, regulating multi-family developments similar to private residences regarding treatment, and requiring all systems that have *E. coli* limits to monitor for *E. coli*.

Comments on Chapter 285 related to clarifying that all of the conditions and requirements contained in the proposal must be met in order to reduce the size of an OSSF, requiring that only a professional engineer can submit planning materials when secondary treatment is required for a reduced OSSF effluent disposal when used in conjunction with a graywater reuse system, allowing non residences using graywater reuse systems to reduce the size of their OSSF, requiring a metes and bounds description to describe the area needed for future OSSF expansion, specifying training and licensing requirements for individuals testing graywater systems if a testing program is developed at a later date, requiring the testing of graywater plumbing sources entering an OSSF by a master plumber after the plumbing is installed, requiring a model affidavit for properties

Re: Docket No. 2016-0335-RUL

with reduced OSSFs, and requiring an Authorized Agent to demonstrate that a graywater system is improperly operating in addition to obtaining a conviction under a statute related to graywater.

**Significant changes from proposal:**

Chapter 210 was revised to add a statement that an authorization is not required for reuse of 400 gallons per day or more unless directed by the executive director, allow a single air gap in lieu of two backflow preventers, remove the notification requirement, allow spray irrigation at private residences under certain conditions, add a statement that monitoring and recordkeeping are not required for private residences, clarify that residential builders should consider end uses and maintaining sufficient blackwater waste flow when determining allowable sources for reuse, removed the recommendation concerning laundry detergent ingredients, and require *E. coli* monitoring for all reuse systems that have *E. coli* limits, except reuse systems at private residences.

Chapter 285 was revised to clarify that all of the requirements and conditions of §285.81 must be met in order to qualify for a potential OSSF size reduction, to clarify that the potential OSSF size reduction only applies to single family residences, to clarify that wastewater from domestic use sinks is graywater, to clarify that the OSSF sizing reduction is only a potential sizing reduction, to clarify how a professional engineer and professional sanitarian will demonstrate the effectiveness of the proposed treatment system, to clarify that the graywater plumbing evaluation will be performed after the plumbing is installed, and to clarify that the plumber does not need to seal, date or sign the evaluation and to clarify that being convicted or found in violation of any statute related to graywater and not repairing the graywater system in a timely manner is sufficient for an Authorized Agent to require the property owner of a reduced OSSF to expand their OSSF and have the expansion permitted by the Authorized Agent.

**Potential controversial concerns and legislative interest:**

There was significant discussion at the stakeholder meeting related to the drainfield size adjustment. Some stakeholders supported a reduction in size as a financial incentive to install a graywater system while others recommended no decrease in size due to the increased wastewater strength that the OSSF would receive and treat.

There was also significant discussion on the definition of alternative onsite water, specifically "any other source of water considered appropriate by the commission." Stakeholders wanted to expand the definition to include domestic wastewater and carwash water.

The adopted rules allow for a reduction in the OSSF drainfield size but do not expand the definition of alternative onsite water to include domestic wastewater or carwash water. These sources of water are more appropriately regulated under a permit authorization rather than a permit by rule.

Commissioners  
Page 6  
November 18, 2016

Re: Docket No. 2016-0335-RUL

**Does this rulemaking affect any current policies or require development of new policies?**

No.

**What are the consequences if this rulemaking does not go forward? Are there alternatives to rulemaking?**

THSC, §341.039 directs the commission to adopt rules for the indoor and outdoor reuse of graywater and alternative onsite water. THSC, §366.012 directs the commission to adopt rules governing the installation of OSSFs. This rulemaking implements HB 1902 amendments to the statutes and any alternative course of action would not be in compliance with the statutes.

**Key points in the adoption rulemaking schedule:**

***Texas Register* proposal publication date:** July 22, 2016

**Anticipated *Texas Register* adoption publication date:** December 23, 2016

**Anticipated effective date:** December 29, 2016

**Six-month *Texas Register* filing deadline:** January 22, 2016

**Agency contacts:**

Laurie Fleet, Rule Project Manager, Water Quality Division, (512) 239-5445

Michael Parr, Staff Attorney, (512) 239-0611

Sherry Davis, Texas Register Rule/Agenda Coordinator, (512) 239-2141

**Attachments:**

HB 1902

Letter, State Representatives Donna Howard and Paul Workman

cc: Chief Clerk, 2 copies  
Executive Director's Office  
Marshall Coover  
Erin Chancellor  
Stephen Tatum  
Jim Rizk  
Office of General Counsel  
Yvonna Miramontes  
Susan M. Jablonski  
David W. Galindo  
Laurie Fleet  
James McCaine  
Sherry Davis

Good afternoon,

**This report is for the week ending 11/19/2016.**

- The current cycle began on October 25, 2015. As of the date of this report, Mexico has delivered 238,338 AF.
- The first year of the cycle ended on October 24, 2016. The preliminary delivery amount for the 1<sup>st</sup> year is 216,562 which results in a deficit of 133,439 AF.
- Second year deliveries through 11/19/2016 equal 21,776 AF.
- The cumulative pro-rated deficit as of 11/19/2016 is 136,525 AF which is an increase of 1,523 AF from the 135,002 AF reported in the 11/12/2016 report.
  - This deficit is calculated each week based on a linear approach that considers an average expected delivery per day.

\*\*Data and information should be considered provisional and is subject to IBWC revision.

On November 19, 2016, the U.S. combined ownership at Amistad/Falcon stood at 61.81% of normal conservation capacity, impounding 2,096,496 acre-feet, up from 57.91% (1,964,350 AF) of normal conservation a year ago at this time.

The table below provides a summary of reservoir information for the current week, one month prior, and one year prior.

	U.S. Amistad		U.S. Falcon		Amistad & Falcon Water Storage Total-U.S. and Mexico (AF)
	Storage (AF)	Elevation (FT)	Storage (AF)	Elevation (FT)	
11/19/2016	1,539,538	1100.10	556,958	271.78	3,155,283
10/22/2016	1,526,567	1099.39	543,986	270.98	3,087,184
11/21/2015	1,197,419	1090.91	766,932	283.86	3,314,993

The Mexican Reservoirs report shows, as a whole, a total of 86.548% average capacity. San Gabriel is at 101.466% of normal capacity with 3.160 cms / 112 cfs discharge to the Rio Florido. Pico del Aguila is at 101.841% of normal capacity with 5.500 cms / 194 cfs discharge to the Rio Florido.

As of 11/19/16:

The United States has 1,539,538 AF in Amistad and 556,958 AF in Falcon.  
Mexico has 768,553 AF in Amistad and 290,234 AF in Falcon.

The Amistad Reservoir is currently at:

1100.10 ft -16.90 with a release of 20.0 cms / 706 cfs

Falcon Reservoir is currently at:

271.78 ft -29.41 with a release of 10.0 cms / 353 cfs



**TEDSI INFRASTRUCTURE GROUP**

**TEDSI**

*Consulting Engineers*  
1201 E. Expressway 83 ♦ Mission, Texas 78572  
(956) 424-7898

Letter of  
Transmittal

TO: Mr. Noe Saldivar  
Hidalgo County Drainage District No. 1  
902 N. Doolittle Road  
Edinburg, Texas 78539

DATE:  
December 13, 2016

REF.: Delta Watershed Legal Water Rights Project November Invoice

TEDSI PROJECT NO.:  
2013-1128-12

TRANSMITTED:

- |  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> For Your Use | <input type="checkbox"/> Please comment | <input type="checkbox"/> Approved as Noted |
| <input type="checkbox"/> As Requested            | <input type="checkbox"/> Reply ASAP     | <input type="checkbox"/> As Noted Below    |

VIA:

- |   |   |                                     |
|---|---|-------------------------------------|
| <input checked="" type="checkbox"/> US Mail | <input type="checkbox"/> Courier            | <input type="checkbox"/> Hand Carry |
| <input type="checkbox"/> E-Mail             | <input type="checkbox"/> LoneStar Overnight | <input type="checkbox"/> FedEx      |

COPIES	DESCRIPTION
1	TEDSI Invoice No. 20162925 for Project No. 2013-1128-12

**RECEIVED**  
HIDALGO COUNTY  
DRAINAGE DISTRICT #1

DEC 15 2016

12:10 AM (PM)

BY: MAP

REMARKS:

Enclosed please our invoice for review and futher processing.

Thank you,

Signed: for: Clay

Mark W. Lupher, P.E., RPLS

**AI -57836**

**9.**

**DRAINAGE - CONSENT**

Meeting Date: 01/10/2017

Submitted For: Raul Sesin

Submitted By: Moises Salazar, DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

Ratification of the fully executed Change Orders No. 1, 2, 3, 4, & 5, in connection with contract No. C-16-031A-08-09 -Hidalgo County Drainage District No. 1 "Hidalgo County Precinct No. 1 -Mile 6 West & Mile 14 North Area Drainage Improvements Project" as recommended and approved by Mr. Raul Sesin, P.E. subject to compliance with HB1295 when and if applicable.

BACKGROUND

Fiscal Impact

Attachments

Ch Ord 1 -C-HCDD1-16-031A-08-09 -HC Pct1 -Mi 6 W & Mi 14 N Area DIP

Ch Ord 2 -C-HCDD1-16-031A-08-09 -HC Pct1 -Mi 6 W & Mi 14 N Area DIP

Ch Ord 3 -C-HCDD1-16-031A-08-09 -HC Pct1 -Mi 6 W & Mi 14 N Area DIP

Ch Ord 4 -C-HCDD1-16-031A-08-09 -HC Pct1 -Mi 6 W & Mi 14 N Area DIP

Ch Ord 5 -C-HCDD1-16-031A-08-09 -HC Pct1 -Mi 6 W & Mi 14 N Area DIP

**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	01/06/2017 05:36 PM
Form Started By: Moises Salazar		Started On: 12/16/2016 03:34 PM
Final Approval Date: 01/06/2017		

## CHANGE ORDER NUMBER ONE (1)

**PROJECT:** MILE 6 WEST & MILE 14 NORTH AREA DRAINAGE IMPROVEMENTS PROJECT

**DATE OF ISSUANCE:** September 15, 2016 **EFFECTIVE DATE:** September 15, 2016

**OWNER:** HIDALGO COUNTY DRAINAGE DISTRICT No.1

**OWNER's Contract No.:** HCDD1-16-031A-08-09

**CONTRACTOR:** JIMENEZ ENGINEERING SOLUTIONS dba ICE **ENGINEER:** HIDALGO COUNTY DRAINAGE DISTRICT No.1  
1722 N. CLOSNER BLVD SUITE "B" 902 N. DOOLITTLE  
EDINBURG, TX 78541 EDINBURG, TX 78542

You are directed to make the following changes in the Contract Documents.

- Description:**
1. Add two Type "CC" inlets on San Vicente Sur @ \$4,000.00 Ea. For an increase of \$8,000.00
  2. Add 7 Fiberglass manholes on the street @ \$1,000.00 Ea for an increase of \$7,000.00
  3. Add 90 Lf of 36" HPP @ \$65.00 Lf for an increase of \$5,850.00
  4. Reduce 61 Lf of 24" HPP @ \$41.00 Lf for a deduction of (\$2,501.00)
  5. Add 29 Lf of Pipe Bedding @ \$7,50 Lf for an increase of \$217.50

- Reason for Change Order:**
1. To collect water ponding on the street
  2. To prevent damage existing curb and gutter
  3. To inter-connect existing drainage ditches
  4. To avoid electrical conflict with 36" HPP on San Felipe St.
  5. To be used to avoid electrical conflict with 36" HPP on San Felipe St.

**Attachments:**

Change in Contract Price:		CHANGE IN CONTRACT TIME:	
Original Contract Price		Original Contract Time for	
\$	433,027.00	Substantial Completion:	120
		calendar days or dates	
Net Changes from previous Change Order		Net change from previous Change Orders	
\$			0
		calendar days	
Contract Price prior to this Change Order		Contract Time prior to this Change Order	
\$	433,027.00	Substantial Completion:	120
		calendar days or dates	
Net Increase (decrease) of this Change Order		Net Increase (decrease) of this Change Order	
\$	18,566.50		0
		calendar days	
Contract Price with all approved Change Orders	Net % increase (decrease) from original contract price.	Contract Time with all approved Change Orders	
\$	451,593.50	4.30	%
		Substantial Completion:	120
		calendar days or dates	

**RECOMMENDED:**

By: [Signature]  
Engineer (Authorized Signature)

Date: 9/29/16

**APPROVED:**

By: [Signature]  
Owner (Authorized Signature)

Date: 09/29/16

**ACCEPTED:**

By: [Signature]  
Contractor (Authorized Signature)

Date: 9/21/16

CHANGE ORDER No.1 TABULATION  
MILE 6 WEST & MILE 14 NORTH AREA DRAINAGE IMPROVEMENTS PROJECT  
HIDALGO COUNTY DRAINAGE DISTRICT No.1

Item Number	Original Plan Quantity	Change Order #1 Quantities	Unit	Item Description	Unit Price	Revised Unit Price	Original Contract Cost	Change in Contract Cost of C.O.#1	Revised Contract Cost after C.O.#1
<b>ITEMS</b>									
1	1.00	1.00	LS	Storm Manhole	\$ 4,200.00	\$ 4,200.00	\$ 4,200.00	0.00	4,200.00
2	4.00	4.00	STA	Type "M" Manhole (box) w/type "C" raiser	\$ 4,400.00	\$ 4,400.00	\$ 17,600.00	0.00	17,600.00
3	1.00	1.00	SY	24" Safety End Treatment	\$ 950.00	\$ 950.00	\$ 950.00	0.00	950.00
4	1.00	1.00	CY	Type "C" Inlet	\$ 3,200.00	\$ 3,200.00	\$ 3,200.00	0.00	3,200.00
5	9.00	11.00	CY	Type "CC" Inlet	\$ 4,000.00	\$ 4,000.00	\$ 36,000.00	8,000.00	44,000.00
6	1.00	1.00	MO	Headwall for 48" pipe w/concrete rip-rap as per detail	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	0.00	5,000.00
7	120.00	120.00	LF	Reinforced concrete rip-rap	\$ 300.00	\$ 300.00	\$ 36,000.00	0.00	36,000.00
8	3,868.00	3,868.00	EA	Trench Safety System	\$ 1.00	\$ 1.00	\$ 3,868.00	0.00	3,868.00
9	1,880.00	1,880.00	SY	Backfill and Compaction	\$ 4.50	\$ 4.50	\$ 8,460.00	0.00	8,460.00
10	2,750.00	2,750.00	SY	Regrade road side ditch	\$ 4.50	\$ 4.50	\$ 12,375.00	0.00	12,375.00
11	64.00	64.00	LF	6" Concrete pavement	\$ 60.00	\$ 60.00	\$ 3,840.00	0.00	3,840.00
12	32.00	32.00	CY	4" Concrete Driveway Repairs	\$ 45.00	\$ 45.00	\$ 1,440.00	0.00	1,440.00
13	1.00	1.00	LF	Traffic control plan & construction	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	0.00	1,000.00
14	1.00	1.00	CY	Temporary erosion and sediment control	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	0.00	5,000.00
15	18.00	18.00	LF	18" Low profile curb & gutter	\$ 9.00	\$ 9.00	\$ 162.00	0.00	162.00
16	3.00	3.00	EA	24" Thermoplastic stop bar	\$ 450.00	\$ 450.00	\$ 1,350.00	0.00	1,350.00
17	200.00	200.00	EA	5' Valley Gutter	\$ 25.00	\$ 25.00	\$ 5,000.00	0.00	5,000.00
18	0.00	7.00	EA	Fiberglass Manhole	\$ -	\$ 1,000.00	\$ -	7,000.00	7,000.00
19							\$ -	0.00	0.00
20							\$ -	0.00	0.00
21							\$ -	0.00	0.00
<b>Total Base:</b>							<b>\$ 145,445.00</b>	<b>\$ 15,000.00</b>	<b>\$ 160,445.00</b>

ALTERNATE

1	86.00	86.00	LF	18" HPP storm pipe	\$ 28.00	\$ 28.00	\$ 2,408.00	0.00	2,408.00
2	207.00	146.00	LF	24" HPP storm pipe	\$ 41.00	\$ 41.00	\$ 8,487.00	(2,501.00)	5,986.00
3	444.00	444.00	LF	30" HPP storm pipe	\$ 53.00	\$ 53.00	\$ 23,532.00	0.00	23,532.00
4	2,661.00	2,751.00	LF	36" HPP storm pipe	\$ 65.00	\$ 65.00	\$ 172,965.00	5,850.00	178,815.00
5	270.00	270.00	LF	48" HPP storm pipe	\$ 94.00	\$ 94.00	\$ 25,380.00	0.00	25,380.00
6	200.00	200.00	LF	60" HPP storm pipe	\$ 129.00	\$ 129.00	\$ 25,800.00	0.00	25,800.00
7	3,868.00	3,897.00	LF	HPP Bedding	\$ 7.50	\$ 7.50	\$ 29,010.00	217.50	29,227.50

<b>Total Alternate</b>							<b>\$287,582.00</b>	<b>\$3,566.50</b>	<b>\$291,148.50</b>
------------------------	--	--	--	--	--	--	---------------------	-------------------	---------------------

<b>Grand Total</b>							<b>\$433,027.00</b>	<b>\$18,566.50</b>	<b>\$451,593.50</b>
--------------------	--	--	--	--	--	--	---------------------	--------------------	---------------------



**CHANGE ORDER NO. 2**

**PROJECT:** MILE 6 WEST & MILE 14 NORTH AREA DRAINAGE IMPROVEMENTS PROJECT

**DATE OF ISSUANCE:** October 25, 2016 **EFFECTIVE DATE:** October 25, 2016

**OWNER:** HIDALGO COUNTY DRAINAGE DISTRICT No.1

**OWNER's Contract No.** HCDD1-16-031A-08-09

**CONTRACTOR:** JIMENEZ ENGINEERING SOLUTIONS dba ICE  
1722 N. CLOSNER BLVD SUITE "B"  
EDINBURG, TX 78541

**ENGINEER:** HIDALGO COUNTY DRAINAGE DISTRICT No.1  
902 N. DOOLITTLE  
EDINBURG, TX 78542

You are directed to make the following changes in the Contract Documents.

- Description:**
1. Add a Type "M" manhole on Mile 6 West @ \$4,400.00 Ea. For an increase of \$4,400.00
  2. Reduce 425 LF of trench protection @ \$1.00 LF for a deduction of (\$425.00)
  3. Add 230 Lf of Regrade roadside ditch @ \$4.50 lf for an increase of \$1,035.00
  4. Add two Tie-ins @ \$3,000.00 each for an increase of \$6,000.00)
  5. Add 32 Lf of Replace of 36" RCP @ \$45.00 lf for an increase of \$1,440.00
  6. Add 180 Lf of 18" HPP storm pipe@ \$28.00 lf for an increase of \$5,040.00
  7. Add 4 Lf of 48" HPP storm pipe@ \$94.00 lf for an increase of \$376.0
  8. Add 212 Lf of Bedding for pipe@ \$7.50 lf for an increase of \$1,590.00
  9. Repair existing irrigation manhole and place a blind cover, for an increase of \$550.00
  10. Requesting 10 additional days for extra work.

- Reason for Change Order:**
1. To collect water from Irrigation standpipe and road side ditch
  2. Trench Protection box not used on a section on Line "B"
  3. Regrade roadside ditch need it along Mile 6 West on the West and East side on Line "A"
  4. Tie-ins need it at Irrigation Drain and Line "A" and at Irrigation Standpipe and Line "A".
  5. Concrete pipe was place it back after leaving curb inlet active beside Line "D".
  6. Pipe need it to connect roadside ditch along Mile 6 West and New manhole on the Westside of Mile 6, culvert crossing for ditch access snd to be used to connect irrigation standpipe drain.
  - 7 To connect Type "CC" inlet with New Storm Manhole.
  - 8 For New 18" HPP storm pipe and 36" RCP storm pipe.
  - 9 Existing manhole damage with an unsafe cover.
  - 10 To be on schedule.

**Attachments:**

Change in Contract Price:		CHANGE IN CONTRACT TIME:	
Original Contract Price		Original Contract Time for	
\$	433,027.00	Substantial Completion:	120
			calendar days or dates
Net Changes from previous Change Order		Net change from previous Change Orders	
\$	18,566.50		0
			calendar days
Contract Price prior to this Change Order		Contract Time prior to this Change Order	
\$	451,593.50	Substantial Completion:	120
			calendar days or dates
Net Increase (decrease) of this Change Order		Net Increase (decrease) of this Change Order	
\$	20,006.00		10
			calendar days
Contract Price with all approved Change Orders	Net % increase (decrease) from original contract price.	Contract Time with all approved Change Orders	
\$	471,599.50		8.90 %
		Substantial Completion:	130
			calendar days or dates

**RECOMMENDED:**

By: [Signature]  
 Engineer (Authorized Signature)

Date: 11/2/16

**APPROVED:**

By: [Signature]  
 Owner (Authorized Signature)

Date: 11/07/16

**ACCEPTED:**

By: [Signature]  
 Contractor (Authorized Signature)

Date: 11/1/16

CHANGE ORDER No.2 TABULATION  
MILE 6 WEST & MILE 14 NORTH AREA DRAINAGE IMPROVEMENTS PROJECT  
HIDALGO COUNTY DRAINAGE DISTRICT No.1

Item Number	Original Plan Quantity	Change Order #1 Quantities	Change Order #2 Quantities	Unit	Item Description	Unit Price	Revised Unit Price	Original Contract Cost	Change in Contract Cost of C.O.#1	Revised Contract Cost after C.O.#1	Change in Contract Cost of C.O.#2	Revised Contract Cost after C.O.#2
<b>ITEMS</b>												
1	1.00	1.00	1.00	EA	Storm Manhole	\$ 4,200.00	\$ 4,200.00	\$ 4,200.00	0.00	4,200.00	0.00	4,200.00
2	4.00	4.00	5.00	EA	Type "M" Manhole (box) w/type "C" raiser	\$ 4,400.00	\$ 4,400.00	\$ 17,600.00	0.00	17,600.00	4,400.00	22,000.00
3	1.00	1.00	1.00	EA	24" Safety End Treatment	\$ 950.00	\$ 950.00	\$ 950.00	0.00	950.00	0.00	950.00
4	1.00	1.00	1.00	EA	Type "C" Inlet	\$ 3,200.00	\$ 3,200.00	\$ 3,200.00	0.00	3,200.00	0.00	3,200.00
5	9.00	11.00	11.00	EA	Type "CC" Inlet	\$ 4,000.00	\$ 4,000.00	\$ 36,000.00	8,000.00	44,000.00	0.00	44,000.00
6	1.00	1.00	1.00	EA	Headwall for 48" pipe w/concrete rip-rap as per detail	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	0.00	5,000.00	0.00	5,000.00
7	120.00	120.00	120.00	CY	Reinforced concrete rip-rap	\$ 300.00	\$ 300.00	\$ 36,000.00	0.00	36,000.00	0.00	36,000.00
8	3,868.00	3,868.00	3,443.00	LF	Trench Safety System	\$ 1.00	\$ 1.00	\$ 3,868.00	0.00	3,868.00	(425.00)	3,443.00
9	1,880.00	1,880.00	1,880.00	CY	Backfill and Compaction	\$ 4.50	\$ 4.50	\$ 8,460.00	0.00	8,460.00	0.00	8,460.00
10	2,750.00	2,750.00	2,980.00	LF	Regrade road side ditch	\$ 4.50	\$ 4.50	\$ 12,375.00	0.00	12,375.00	1,035.00	13,410.00
11	64.00	64.00	64.00	SY	6" Concrete pavement	\$ 60.00	\$ 60.00	\$ 3,840.00	0.00	3,840.00	0.00	3,840.00
12	32.00	32.00	32.00	SY	4" Concrete Driveway Repairs	\$ 45.00	\$ 45.00	\$ 1,440.00	0.00	1,440.00	0.00	1,440.00
13	1.00	1.00	1.00	LS	Traffic control plan & construction	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	0.00	1,000.00	0.00	1,000.00
14	1.00	1.00	1.00	LS	Temporary erosion and sediment control	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	0.00	5,000.00	0.00	5,000.00
15	18.00	18.00	18.00	LF	18" Low profile curb & gutter	\$ 9.00	\$ 9.00	\$ 162.00	0.00	162.00	0.00	162.00
16	3.00	3.00	3.00	EA	24" Thermoplastic stop bar	\$ 450.00	\$ 450.00	\$ 1,350.00	0.00	1,350.00	0.00	1,350.00
17	200.00	200.00	200.00	LF	5' Valley Gutter	\$ 25.00	\$ 25.00	\$ 5,000.00	0.00	5,000.00	0.00	5,000.00
18	0.00	7.00	7.00	EA	Fiberglass Manhole	\$ -	\$ 1,000.00	\$ -	7,000.00	7,000.00	0.00	7,000.00
19			2.00	EA	Tie Ins		\$ 3,000.00	\$ -	0.00	0.00	6,000.00	6,000.00
20			32.00	LF	Replace 36" Concrete Pipe		\$ 45.00	\$ -	0.00	0.00	1,440.00	1,440.00
21			1.00	EA	Repair existing irrigation manhole and place blind cover		\$ 550.00	\$ -	0.00	0.00	550.00	550.00
<b>Total Base:</b>								<b>\$ 145,445.00</b>	<b>\$ 15,000.00</b>	<b>\$ 160,445.00</b>	<b>\$ 13,000.00</b>	<b>\$ 173,445.00</b>

ALTERNATE

1	86.00	86.00	266.00	LF	18" HPP storm pipe	\$ 28.00	\$ 28.00	\$ 2,408.00	0.00	2,408.00	5,040.00	7,448.00
2	207.00	146.00	146.00	LF	24" HPP storm pipe	\$ 41.00	\$ 41.00	\$ 8,487.00	(2,501.00)	5,986.00	0.00	5,986.00
3	444.00	444.00	444.00	LF	30" HPP storm pipe	\$ 53.00	\$ 53.00	\$ 23,532.00	0.00	23,532.00	0.00	23,532.00
4	2,661.00	2,751.00	2,751.00	LF	36" HPP storm pipe	\$ 65.00	\$ 65.00	\$ 172,965.00	5,850.00	178,815.00	0.00	178,815.00
5	270.00	270.00	274.00	LF	48" HPP storm pipe	\$ 94.00	\$ 94.00	\$ 25,380.00	0.00	25,380.00	376.00	25,756.00
6	200.00	200.00	200.00	LF	60" HPP storm pipe	\$ 129.00	\$ 129.00	\$ 25,800.00	0.00	25,800.00	0.00	25,800.00
7	3,868.00	3,897.00	4,109.00	LF	HPP Bedding	\$ 7.50	\$ 7.50	\$ 29,010.00	217.50	29,227.50	1,590.00	30,817.50

<b>Total Alternate</b>								<b>\$287,582.00</b>	<b>\$3,566.50</b>	<b>\$291,148.50</b>	<b>\$7,006.00</b>	<b>\$298,154.50</b>
<b>Grand Total</b>								<b>\$433,027.00</b>	<b>\$18,566.50</b>	<b>\$451,593.50</b>	<b>\$ 20,006.00</b>	<b>\$471,599.50</b>



CHANGE ORDER NO. 3 ATTACHMENT "A"

RECEIVED  
HIDALGO COUNTY  
DRAINAGE DISTRICT #1

DEC 09 2016

2:13 AM/PM

BY: MAP

PROJECT: MILE 6 WEST & MILE 14 NORTH AREA DRAINAGE IMPROVEMENTS PROJECT

DATE OF ISSUANCE: November 16, 2016 EFFECTIVE DATE: November 16, 2016

OWNER: HIDALGO COUNTY DRAINAGE DISTRICT No.1  
OWNER's Contract No.: HCDD1-16-031A-08-09

CONTRACTOR: JIMENEZ ENGINEERING SOLUTIONS dba ICE 1722 N. CLOSNER BLVD SUITE "B" EDINBURG, TX 78541  
ENGINEER: HIDALGO COUNTY DRAINAGE DISTRICT No.1 902 N. DOOLITTLE EDINBURG, TX 78542

You are directed to make the following changes in the Contract Documents.

Description:

1. Add 80 Lf of concrete curb and gutter for an increase of \$720.00
2. Convert Ty "C" Inlet into a Ty "CC" Inlet for an increase of \$400.00
3. Add a 36" Concrete Collar for an increase of \$550.00
4. Requesting 10 additional days for extra work.

Reason for Change Order:

1. To collect water from existing curb and gutter
2. To increase water collection capacity
3. To avoid encroaching ROW
- 4 To perform extra work.

Attachments:

Change in Contract Price:		CHANGE IN CONTRACT TIME:	
Original Contract Price	\$ 433,027.00	Original Contract Time for	Substantial Completion: 120 calendar days or dates
Net Changes from previous Change Order	\$ 38,572.50	Net change from previous Change Orders	10 calendar days
Contract Price prior to this Change Order	\$ 471,599.50	Contract Time prior to this Change Order	Substantial Completion: 130 calendar days or dates
Net Increase (decrease) of this Change Order	\$ 1,670.00	Net Increase (decrease) of this Change Order	10 calendar days
Contract Price with all approved Change Orders	\$ 473,269.50	Net % increase (decrease) from original contract price.	9.30 %
		Contract Time with all approved Change Orders	Substantial Completion: 140 calendar days or dates

RECOMMENDED:

By: [Signature]  
Engineer (Authorized Signature)

Date: 12/9/16

APPROVED:

By: [Signature]  
Owner (Authorized Signature)

Date: 12/14/16

ACCEPTED:

By: [Signature]  
Contractor (Authorized Signature)

Date: 12/18/16

CHANGE ORDER No.3 TABULATION  
MILE 6 WEST & MILE 14 NORTH AREA DRAINAGE IMPROVEMENTS PROJECT  
HIDALGO COUNTY DRAINAGE DISTRICT No.1

Item Number	Original Plan Quantity	Change Order #1 Quantities	Change Order #2 Quantities	Change Order #3 Quantities	Unit	Item Description	Unit Price	Revised Unit Price	Original Contract Cost	Change in Contract Cost of C.O.#1	Revised Contract Cost after C.O.#1	Change in Contract Cost of C.O.#2	Revised Contract Cost after C.O.#2	Change in Contract Cost of C.O.#3	Revised Contract Cost after C.O.#3
<b>ITEMS</b>															
1	1.00	1.00	1.00	1.00	EA	Storm Manhole	\$ 4,200.00	\$ 4,200.00	\$ 4,200.00	0.00	4,200.00	0.00	4,200.00	0.00	4,200.00
2	4.00	4.00	5.00	5.00	EA	Type "M" Manhole (box) w/type "C" raiser	\$ 4,400.00	\$ 4,400.00	\$ 17,600.00	0.00	17,600.00	4,400.00	22,000.00	0.00	22,000.00
3	1.00	1.00	1.00	1.00	EA	24" Safety End Treatment	\$ 950.00	\$ 950.00	\$ 950.00	0.00	950.00	0.00	950.00	0.00	950.00
4	1.00	1.00	1.00	1.00	EA	Type "C" Inlet	\$ 3,200.00	\$ 3,200.00	\$ 3,200.00	0.00	3,200.00	0.00	3,200.00	0.00	3,200.00
5	9.00	11.00	11.00	11.00	EA	Type "CC" Inlet	\$ 4,000.00	\$ 4,000.00	\$ 36,000.00	8,000.00	44,000.00	0.00	44,000.00	0.00	44,000.00
6	1.00	1.00	1.00	1.00	EA	Headwall for 48" pipe w/concrete rip-rap as per detail	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	5,000.00
7	120.00	120.00	120.00	120.00	CY	Reinforced concrete rip-rap	\$ 300.00	\$ 300.00	\$ 36,000.00	0.00	36,000.00	0.00	36,000.00	0.00	36,000.00
8	3,868.00	3,868.00	3,443.00	3,443.00	LF	Trench Safety System	\$ 1.00	\$ 1.00	\$ 3,868.00	0.00	3,868.00	(425.00)	3,443.00	0.00	3,443.00
9	1,880.00	1,880.00	1,880.00	1,880.00	CY	Backfill and Compaction	\$ 4.50	\$ 4.50	\$ 8,460.00	0.00	8,460.00	0.00	8,460.00	0.00	8,460.00
10	2,750.00	2,750.00	2,980.00	2,980.00	LF	Regrade road side ditch	\$ 4.50	\$ 4.50	\$ 12,375.00	0.00	12,375.00	1,035.00	13,410.00	0.00	13,410.00
11	64.00	64.00	64.00	64.00	SY	6" Concrete pavement	\$ 60.00	\$ 60.00	\$ 3,840.00	0.00	3,840.00	0.00	3,840.00	0.00	3,840.00
12	32.00	32.00	32.00	32.00	SY	4" Concrete Driveway Repairs	\$ 45.00	\$ 45.00	\$ 1,440.00	0.00	1,440.00	0.00	1,440.00	0.00	1,440.00
13	1.00	1.00	1.00	1.00	LS	Traffic control plan & construction	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	0.00	1,000.00	0.00	1,000.00	0.00	1,000.00
14	1.00	1.00	1.00	1.00	LS	Temporary erosion and sediment control	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	5,000.00
15	18.00	18.00	18.00	98.00	LF	18" Low profile curb & gutter	\$ 9.00	\$ 9.00	\$ 162.00	0.00	162.00	0.00	162.00	720.00	882.00
16	3.00	3.00	3.00	3.00	EA	24" Thermoplastic stop bar	\$ 450.00	\$ 450.00	\$ 1,350.00	0.00	1,350.00	0.00	1,350.00	0.00	1,350.00
17	200.00	200.00	200.00	200.00	LF	5' Valley Gutter	\$ 25.00	\$ 25.00	\$ 5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	5,000.00
18	0.00	7.00	7.00	7.00	EA	Fiberglass Manhole	\$ -	\$ 1,000.00	\$ -	7,000.00	7,000.00	0.00	7,000.00	0.00	7,000.00
19			2.00	2.00	EA	Tie Ins		\$ 3,000.00	\$ -	0.00	0.00	6,000.00	6,000.00	0.00	6,000.00
20			32.00	32.00	LF	Replace 36" Concrete Pipe		\$ 45.00	\$ -	0.00	0.00	1,440.00	1,440.00	0.00	1,440.00
21			1.00	1.00	EA	Repair existing irrigation manhole and place blind cover		\$ 550.00	\$ -	0.00	0.00	550.00	550.00	0.00	550.00
23				1.00	EA	Convert a Ty "C" Inlet into a Ty "CC" Inlet		\$ 400.00	\$ -	0.00	0.00	0.00	0.00	400.00	400.00
24				1.00	EA	36" Concrete Collar		\$ 550.00	\$ -	0.00	0.00	0.00	0.00	550.00	550.00
25															0.00
<b>Total Base:</b>									<b>\$ 145,445.00</b>	<b>\$ 15,000.00</b>	<b>\$ 160,445.00</b>	<b>\$ 13,000.00</b>	<b>\$ 173,445.00</b>	<b>\$ 1,670.00</b>	<b>\$ 175,115.00</b>

ALTERNATE

1	86.00	86.00	266.00	266.00	LF	18" HPP storm pipe	\$ 28.00	\$ 28.00	\$ 2,408.00	0.00	2,408.00	5,040.00	7,448.00	0.00	7,448.00
2	207.00	146.00	146.00	146.00	LF	24" HPP storm pipe	\$ 41.00	\$ 41.00	\$ 8,487.00	(2,501.00)	5,986.00	0.00	5,986.00	0.00	5,986.00
3	444.00	444.00	444.00	444.00	LF	30" HPP storm pipe	\$ 53.00	\$ 53.00	\$ 23,532.00	0.00	23,532.00	0.00	23,532.00	0.00	23,532.00
4	2,661.00	2,751.00	2,751.00	2,751.00	LF	36" HPP storm pipe	\$ 65.00	\$ 65.00	\$ 172,965.00	5,850.00	178,815.00	0.00	178,815.00	0.00	178,815.00
5	270.00	270.00	274.00	274.00	LF	48" HPP storm pipe	\$ 94.00	\$ 94.00	\$ 25,380.00	0.00	25,380.00	376.00	25,756.00	0.00	25,756.00
6	200.00	200.00	200.00	200.00	LF	60" HPP storm pipe	\$ 129.00	\$ 129.00	\$ 25,800.00	0.00	25,800.00	0.00	25,800.00	0.00	25,800.00
7	3,868.00	3,897.00	4,109.00	4,109.00	LF	HPP Bedding	\$ 7.50	\$ 7.50	\$ 29,010.00	217.50	29,227.50	1,590.00	30,817.50	0.00	30,817.50

<b>Total Alternate</b>									<b>\$287,582.00</b>	<b>\$3,566.50</b>	<b>\$291,148.50</b>	<b>\$7,006.00</b>	<b>\$298,154.50</b>	<b>\$0.00</b>	<b>\$298,154.50</b>
------------------------	--	--	--	--	--	--	--	--	---------------------	-------------------	---------------------	-------------------	---------------------	---------------	---------------------

<b>Grand Total</b>									<b>\$433,027.00</b>	<b>\$18,566.50</b>	<b>\$451,593.50</b>	<b>\$ 20,006.00</b>	<b>\$471,599.50</b>	<b>\$ 1,670.00</b>	<b>\$473,269.50</b>
--------------------	--	--	--	--	--	--	--	--	---------------------	--------------------	---------------------	---------------------	---------------------	--------------------	---------------------



CHANGE ORDER NO. 4 ATTACHMENT "A"

RECEIVED  
HIDALGO COUNTY  
DRAINAGE DISTRICT #1

DEC 09 2016

2:13 AM/PM

BY: MAP

PROJECT: MILE 6 WEST & MILE 14 NORTH AREA DRAINAGE IMPROVEMENTS PROJECT

DATE OF ISSUANCE: December 8, 2016 EFFECTIVE DATE: December 8, 2016

OWNER: HIDALGO COUNTY DRAINAGE DISTRICT No.1  
OWNER's Contract No.: HCDD1-16-031A-08-09

CONTRACTOR: JIMENEZ ENGINEERING SOLUTIONS dba ICE ENGINEER: HIDALGO COUNTY DRAINAGE DISTRICT No.1  
1722 N. CLOSNER BLVD SUITE "B" 902 N. DOOLITTLE  
EDINBURG, TX 78541 EDINBURG, TX 78542

You are directed to make the following changes in the Contract Documents.

- Description:
1. Add 80 LF of 60" HPP storm pipe for an increase of \$10,320.00
  2. Add two 24" Safety End Treatment for an increase of \$1,900.00
  3. Remove 75 LF of Metal Beam Guard Fence and Post for an increase of \$562.50
  4. Replace 50 LF of Metal Beam Guard Fence and Post for an increase of \$750.00
  5. Add 140 Lf of 24" HPP storm pipe@ \$41.00 lf for an increase of \$5,740.00
  6. Add 80 Lf of Trench Safety for an increase of \$80.00
  7. Add 220 Lf of Bedding for pipe@ \$7.50 lf for an increase of \$1,650.00
  8. Remove 45 LF of Structural Concrete, for an increase of \$1,125.00
  9. Add 600 Cy of Backfill & Compaction for an increase of \$2,700.00 .
  10. Add a 24" Concrete Collar for and increase of \$550.00
  11. Requesting 15 additional days for extra work.

- Reason for Change Order:
1. New culvert crossing on Mile 14.5 North
  2. To collect water from roadside ditch
  3. To place new culvert
  4. For traffic protection
  5. To connect roadside ditches
  - 6 To work safe and protect road
  - 7 To be used on storm pipe.
  - 8 Concrete on the way of the new storm pipe.
  9. To extent culvert crossing
  10. To change pipe direction
  - 11 To perform extra work.

Attachments:

Change in Contract Price:		CHANGE IN CONTRACT TIME:	
Original Contract Price	\$ 433,027.00	Original Contract Time for	
Net Changes from previous Change Order	\$ 40,242.50	Substantial Completion:	120 calendar days or dates
Contract Price prior to this Change Order	\$ 473,269.50	Net change from previous Change Orders	20 calendar days
Net Increase (decrease) of this Change Order	\$ 25,377.50	Contract Time prior to this Change Order	
Contract Price with all approved Change Orders	\$ 498,647.00	Substantial Completion:	140 calendar days or dates
Net % increase (decrease) from original contract price.	15.20 %	Net Increase (decrease) of this Change Order	15 calendar days
		Contract Time with all approved Change Orders	
		Substantial Completion:	155 calendar days or dates

RECOMMENDED:

By: [Signature]  
Engineer (Authorized Signature)

Date: 12/9/16

APPROVED:

By: [Signature]  
Owner (Authorized Signature)

Date: 12/14/16

ACCEPTED:

By: [Signature]  
Contractor (Authorized Signature)

Date: 12/8/16

CHANGE ORDER No.4 TABULATION  
MILE 6 WEST & MILE 14 NORTH AREA DRAINAGE IMPROVEMENTS PROJECT  
HIDALGO COUNTY DRAINAGE DISTRICT No.1

Item Number	Original Plan Quantity	Change Order #1 Quantities	Change Order #2 Quantities	Change Order #3 Quantities	Change Order #4 Quantities	Unit	Item Description	Unit Price	Revised Unit Price	Original Contract Cost	Change in Contract Cost of C.O.#1	Revised Contract Cost after C.O.#1	Change in Contract Cost of C.O.#2	Revised Contract Cost after C.O.#2	Change in Contract Cost of C.O.#3	Revised Contract Cost after C.O.#3	Change in Contract Cost of C.O.#4	Revised Contract Cost after C.O.#4
<b>ITEMS</b>																		
1	1.00	1.00	1.00	1.00	1.00	EA	Storm Manhole	\$ 4,200.00	\$ 4,200.00	\$ 4,200.00	0.00	4,200.00	0.00	4,200.00	0.00	4,200.00	0.00	4,200.00
2	4.00	4.00	5.00	5.00	5.00	EA	Type "M" Manhole (box) w/type "C" raiser	\$ 4,400.00	\$ 4,400.00	\$ 17,600.00	0.00	17,600.00	4,400.00	22,000.00	0.00	22,000.00	0.00	22,000.00
3	1.00	1.00	1.00	1.00	3.00	EA	24" Safety End Treatment	\$ 950.00	\$ 950.00	\$ 950.00	0.00	950.00	0.00	950.00	0.00	950.00	1,900.00	2,850.00
4	1.00	1.00	1.00	1.00	1.00	EA	Type "C" Inlet	\$ 3,200.00	\$ 3,200.00	\$ 3,200.00	0.00	3,200.00	0.00	3,200.00	0.00	3,200.00	0.00	3,200.00
5	9.00	11.00	11.00	11.00	11.00	EA	Type "CC" Inlet	\$ 4,000.00	\$ 4,000.00	\$ 36,000.00	8,000.00	44,000.00	0.00	44,000.00	0.00	44,000.00	0.00	44,000.00
6	1.00	1.00	1.00	1.00	1.00	EA	Headwall for 48" pipe w/concrete rip-rap as per detail	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	5,000.00
7	120.00	120.00	120.00	120.00	120.00	CY	Reinforced concrete rip-rap	\$ 300.00	\$ 300.00	\$ 36,000.00	0.00	36,000.00	0.00	36,000.00	0.00	36,000.00	0.00	36,000.00
8	3,868.00	3,868.00	3,443.00	3,443.00	3,523.00	LF	Trench Safety System	\$ 1.00	\$ 1.00	\$ 3,868.00	0.00	3,868.00	(425.00)	3,443.00	0.00	3,443.00	80.00	3,523.00
9	1,880.00	1,880.00	1,880.00	1,880.00	2,480.00	CY	Backfill and Compaction	\$ 4.50	\$ 4.50	\$ 8,460.00	0.00	8,460.00	0.00	8,460.00	0.00	8,460.00	2,700.00	11,160.00
10	2,750.00	2,750.00	2,980.00	2,980.00	2,980.00	LF	Regrade road side ditch	\$ 4.50	\$ 4.50	\$ 12,375.00	0.00	12,375.00	1,035.00	13,410.00	0.00	13,410.00	0.00	13,410.00
11	64.00	64.00	64.00	64.00	64.00	SY	6" Concrete pavement	\$ 60.00	\$ 60.00	\$ 3,840.00	0.00	3,840.00	0.00	3,840.00	0.00	3,840.00	0.00	3,840.00
12	32.00	32.00	32.00	32.00	32.00	SY	4" Concrete Driveway Repairs	\$ 45.00	\$ 45.00	\$ 1,440.00	0.00	1,440.00	0.00	1,440.00	0.00	1,440.00	0.00	1,440.00
13	1.00	1.00	1.00	1.00	1.00	LS	Traffic control plan & construction	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	0.00	1,000.00	0.00	1,000.00	0.00	1,000.00	0.00	1,000.00
14	1.00	1.00	1.00	1.00	1.00	LS	Temporary erosion and sediment control	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	5,000.00
15	18.00	18.00	18.00	98.00	98.00	LF	18" Low profile curb & gutter	\$ 9.00	\$ 9.00	\$ 162.00	0.00	162.00	0.00	162.00	720.00	882.00	0.00	882.00
16	3.00	3.00	3.00	3.00	3.00	EA	24" Thermoplastic stop bar	\$ 450.00	\$ 450.00	\$ 1,350.00	0.00	1,350.00	0.00	1,350.00	0.00	1,350.00	0.00	1,350.00
17	200.00	200.00	200.00	200.00	200.00	LF	5' Valley Gutter	\$ 25.00	\$ 25.00	\$ 5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	5,000.00
18	0.00	7.00	7.00	7.00	7.00	EA	Fiberglass Manhole	\$ -	\$ 1,000.00	\$ -	7,000.00	7,000.00	0.00	7,000.00	0.00	7,000.00	0.00	7,000.00
19			2.00	2.00	2.00	EA	Tie Ins		\$ 3,000.00	\$ -	0.00	0.00	6,000.00	6,000.00	0.00	6,000.00	0.00	6,000.00
20			32.00	32.00	32.00	LF	Replace 36" Concrete Pipe		\$ 45.00	\$ -	0.00	0.00	1,440.00	1,440.00	0.00	1,440.00	0.00	1,440.00
21			1.00	1.00	1.00	EA	Repair existing irrigation manhole and place blind cover		\$ 550.00	\$ -	0.00	0.00	550.00	550.00	0.00	550.00	0.00	550.00
22				1.00	1.00	EA	Convert a Ty "C" Inlet into a Ty "CC" Inlet		\$ 400.00	\$ -	0.00	0.00	0.00	400.00	400.00	0.00	400.00	
23				1.00	1.00	EA	36" Concrete Collar		\$ 550.00	\$ -	0.00	0.00	0.00	550.00	550.00	0.00	550.00	
24					45.00	LF	Remove Structural Concrete		\$ 25.00	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	1,125.00	1,125.00
25					75.00	LF	Remove Metal Guard Fence		\$ 7.50	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	562.50	562.50
25					1.00	EA	24" Concrete Collar		\$ 550.00	\$ -	0.00	0.00	0.00	0.00	0.00	550.00	550.00	
25					50.00	LF	Replace Metal Guard Fence		\$ 15.00	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	750.00	750.00
<b>Total Base:</b>										\$ 145,445.00	\$ 15,000.00	\$ 160,445.00	\$ 13,000.00	\$ 173,445.00	\$ 1,670.00	\$ 174,165.00	\$ 7,667.50	\$ 182,782.50

ALTERNATE

1	86.00	86.00	266.00	266.00	266.00	LF	18" HPP storm pipe	\$ 28.00	\$ 28.00	\$ 2,408.00	0.00	2,408.00	5,040.00	7,448.00	0.00	7,448.00	0.00	7,448.00
2	207.00	146.00	146.00	146.00	286.00	LF	24" HPP storm pipe	\$ 41.00	\$ 41.00	\$ 8,487.00	(2,501.00)	5,986.00	0.00	5,986.00	0.00	5,986.00	5,740.00	11,726.00
3	444.00	444.00	444.00	444.00	444.00	LF	30" HPP storm pipe	\$ 53.00	\$ 53.00	\$ 23,532.00	0.00	23,532.00	0.00	23,532.00	0.00	23,532.00	0.00	23,532.00
4	2,661.00	2,751.00	2,751.00	2,751.00	2,751.00	LF	36" HPP storm pipe	\$ 65.00	\$ 65.00	\$ 172,965.00	5,850.00	178,815.00	0.00	178,815.00	0.00	178,815.00	0.00	178,815.00
5	270.00	270.00	274.00	274.00	274.00	LF	48" HPP storm pipe	\$ 94.00	\$ 94.00	\$ 25,380.00	0.00	25,380.00	376.00	25,756.00	0.00	25,756.00	0.00	25,756.00
6	200.00	200.00	200.00	200.00	280.00	LF	60" HPP storm pipe	\$ 129.00	\$ 129.00	\$ 25,800.00	0.00	25,800.00	0.00	25,800.00	0.00	25,800.00	10,320.00	36,120.00
7	3,868.00	3,897.00	4,109.00	4,109.00	4,329.00	LF	HPP Bedding	\$ 7.50	\$ 7.50	\$ 29,010.00	217.50	29,227.50	1,590.00	30,817.50	0.00	30,817.50	1,650.00	32,467.50
<b>Total Alternate</b>										\$ 287,582.00	\$ 3,566.50	\$ 291,148.50	\$ 7,006.00	\$ 298,154.50	\$ 0.00	\$ 298,154.50	\$ 17,710.00	\$ 315,864.50
<b>Grand Total</b>										\$ 433,027.00	\$ 18,566.50	\$ 451,593.50	\$ 20,006.00	\$ 471,599.50	\$ 1,670.00	\$ 472,319.50	\$ 25,377.50	\$ 498,647.00

JAN 03 2017

2:50 AM (PM)

BY: [Signature]



**CHANGE ORDER NO. 5 ATTACHMENT "A"**

**PROJECT:** MILE 6 WEST & MILE 14 NORTH AREA DRAINAGE IMPROVEMENTS PROJECT

**DATE OF ISSUANCE:** December 15, 2016 **EFFECTIVE DATE:** December 15, 2016

**OWNER:** HIDALGO COUNTY DRAINAGE DISTRICT No.1  
**OWNER's Contract No.:** HCDD1-16-031A-08-09

**CONTRACTOR:** JIMENEZ ENGINEERING SOLUTIONS dba ICE **ENGINEER:** HIDALGO COUNTY DRAINAGE DISTRICT No.1  
1722 N. CLOSNER BLVD SUITE "B" 902 N. DOOLITTLE  
EDINBURG, TX 78541 EDINBURG, TX 78542

You are directed to make the following changes in the Contract Documents.

- Description:**
1. Add 180 LF of 60" HPP storm pipe for an increase of \$23,220.00
  2. Add two 24" Field Drain Inlet for an increase of \$2,200.00
  3. Remove 108 LF of Metal Beam Guard Fence and Post for an increase of \$810.00
  4. Add 143 Lf of 24" HPP storm pipe@ \$41.00 lf for an increase of \$5,863.00
  5. Add 180 Lf of Trench Safety for an increase of \$180.00
  6. Add 323 Lf of Bedding for pipe@ \$7.50 lf for an increase of \$2,422.50
  7. Add 649 Cy of Backfill & Compaction for an increase of \$2,920.50 .
  8. Requesting 15 additional days for extra work.

- Reason for Change Order:**
1. New culvert crossing on Mile 15 North (Additional Scope per Client's request)
  2. To collect water from roadside ditch (Additional Scope per Client's request)
  3. To place new culvert (Additional Scope per Client's request)
  4. To connect roadside ditches (Additional Scope per Client's request)
  5. To work safe and protect road (Additional Scope per Client's request)
  6. To be used on storm pipe. (Additional Scope per Client's request)
  7. To extent culvert crossing (Additional Scope per Client's request)
  8. To perform extra work.

**Attachments:**

Change in Contract Price:		CHANGE IN CONTRACT TIME:	
Original Contract Price	\$ 433,027.00	Original Contract Time for	
Net Changes from previous Change Order	\$ 65,620.00	Substantial Completion:	<u>120</u> calendar days or dates
Contract Price prior to this Change Order	\$ 498,647.00	Net change from previous Change Orders	<u>35</u> calendar days
Net Increase (decrease) of this Change Order	\$ 37,616.00	Contract Time prior to this Change Order	
Contract Price with all approved Change Orders	\$ 536,263.00	Substantial Completion:	<u>155</u> calendar days or dates
Net % Increase (decrease) from original contract price.	23.80 %	Net Increase (decrease) of this Change Order	<u>15</u> calendar days
		Contract Time with all approved Change Orders	
		Substantial Completion:	<u>170</u> calendar days or dates

**RECOMMENDED:**  
 By: [Signature]  
 Engineer (Authorized Signature)  
 Date: 1/4/17

**APPROVED:**  
 By: [Signature]  
 Owner (Authorized Signature)  
 Date: 01/04/17

**ACCEPTED:**  
 By: [Signature]  
 Contractor (Authorized Signature)  
 Date: 12/15/16

CHANGE ORDER No.5 TABULATION  
MILE 6 WEST & MILE 14 NORTH AREA DRAINAGE IMPROVEMENTS PROJECT  
HIDALGO COUNTY DRAINAGE DISTRICT No.1

Item Number	Original Plan Quantity	Change Order #1 Quantities	Change Order #2 Quantities	Change Order #3 Quantities	Change Order #4 Quantities	Change Order #5 Quantities	Unit	Item Description	Unit Price	Revised Unit Price	Original Contract Cost	Change in Contract Cost of C.O.#1	Revised Contract Cost after C.O.#1	Change in Contract Cost of C.O.#2	Revised Contract Cost after C.O.#2	Change in Contract Cost of C.O.#3	Revised Contract Cost after C.O.#3	Change in Contract Cost of C.O.#4	Revised Contract Cost after C.O.#4	Change in Contract Cost of C.O.#5	Revised Contract Cost after C.O.#5
<b>ITEMS</b>																					
1	1.00	1.00	1.00	1.00	1.00	1.00	EA	Storm Manhole	\$ 4,200.00	\$ 4,200.00	\$ 4,200.00	0.00	4,200.00	0.00	4,200.00	0.00	4,200.00	0.00	4,200.00	0.00	4,200.00
2	4.00	4.00	5.00	5.00	5.00	5.00	EA	Type "M" Manhole (box) w/type "C" raiser	\$ 4,400.00	\$ 4,400.00	\$ 17,600.00	0.00	17,600.00	4,400.00	22,000.00	0.00	22,000.00	0.00	22,000.00	0.00	22,000.00
3	1.00	1.00	1.00	1.00	3.00	3.00	EA	24" Safety End Treatment	\$ 950.00	\$ 950.00	\$ 950.00	0.00	950.00	0.00	950.00	0.00	950.00	1,900.00	2,850.00	0.00	2,850.00
4	1.00	1.00	1.00	1.00	1.00	1.00	EA	Type "C" Inlet	\$ 3,200.00	\$ 3,200.00	\$ 3,200.00	0.00	3,200.00	0.00	3,200.00	0.00	3,200.00	0.00	3,200.00	0.00	3,200.00
5	9.00	11.00	11.00	11.00	11.00	11.00	EA	Type "CC" Inlet	\$ 4,000.00	\$ 4,000.00	\$ 36,000.00	8,000.00	44,000.00	0.00	44,000.00	0.00	44,000.00	0.00	44,000.00	0.00	44,000.00
6	1.00	1.00	1.00	1.00	1.00	1.00	EA	Headwall for 48" pipe w/concrete rip-rap as per detail	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	5,000.00
7	120.00	120.00	120.00	120.00	120.00	120.00	CY	Reinforced concrete rip-rap	\$ 300.00	\$ 300.00	\$ 36,000.00	0.00	36,000.00	0.00	36,000.00	0.00	36,000.00	0.00	36,000.00	0.00	36,000.00
8	3,868.00	3,868.00	3,443.00	3,443.00	3,523.00	3,703.00	LF	Trench Safety System	\$ 1.00	\$ 1.00	\$ 3,868.00	0.00	3,868.00	(425.00)	3,443.00	0.00	3,443.00	80.00	3,523.00	180.00	3,703.00
9	1,880.00	1,880.00	1,880.00	1,880.00	2,480.00	3,129.00	CY	Backfill and Compaction	\$ 4.50	\$ 4.50	\$ 8,460.00	0.00	8,460.00	0.00	8,460.00	0.00	8,460.00	2,700.00	11,160.00	2,920.50	14,080.50
10	2,750.00	2,750.00	2,980.00	2,980.00	2,980.00	2,980.00	LF	Regrade road side ditch	\$ 4.50	\$ 4.50	\$ 12,375.00	0.00	12,375.00	1,035.00	13,410.00	0.00	13,410.00	0.00	13,410.00	0.00	13,410.00
11	64.00	64.00	64.00	64.00	64.00	64.00	SY	6" Concrete pavement	\$ 60.00	\$ 60.00	\$ 3,840.00	0.00	3,840.00	0.00	3,840.00	0.00	3,840.00	0.00	3,840.00	0.00	3,840.00
12	32.00	32.00	32.00	32.00	32.00	32.00	SY	4" Concrete Driveway Repairs	\$ 45.00	\$ 45.00	\$ 1,440.00	0.00	1,440.00	0.00	1,440.00	0.00	1,440.00	0.00	1,440.00	0.00	1,440.00
13	1.00	1.00	1.00	1.00	1.00	1.00	LS	Traffic control plan & construction	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	0.00	1,000.00	0.00	1,000.00	0.00	1,000.00	0.00	1,000.00	0.00	1,000.00
14	1.00	1.00	1.00	1.00	1.00	1.00	LS	Temporary erosion and sediment control	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	5,000.00
15	18.00	18.00	18.00	98.00	98.00	98.00	LF	18" Low profile curb & gutter	\$ 9.00	\$ 9.00	\$ 162.00	0.00	162.00	0.00	162.00	720.00	882.00	0.00	882.00	0.00	882.00
16	3.00	3.00	3.00	3.00	3.00	3.00	EA	24" Thermoplastic stop bar	\$ 450.00	\$ 450.00	\$ 1,350.00	0.00	1,350.00	0.00	1,350.00	0.00	1,350.00	0.00	1,350.00	0.00	1,350.00
17	200.00	200.00	200.00	200.00	200.00	200.00	LF	5' Valley Gutter	\$ 25.00	\$ 25.00	\$ 5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	5,000.00
18	0.00	7.00	7.00	7.00	7.00	7.00	EA	Fiberglass Manhole	\$ -	\$ 1,000.00	\$ -	7,000.00	7,000.00	0.00	7,000.00	0.00	7,000.00	0.00	7,000.00	0.00	7,000.00
19			2.00	2.00	2.00	2.00	EA	Tie Ins	\$ 3,000.00	\$ -	\$ -	0.00	0.00	6,000.00	6,000.00	0.00	6,000.00	0.00	6,000.00	0.00	6,000.00
20			32.00	32.00	32.00	32.00	LF	Replace 36" Concrete Pipe	\$ 45.00	\$ -	\$ -	0.00	0.00	1,440.00	1,440.00	0.00	1,440.00	0.00	1,440.00	0.00	1,440.00
21			1.00	1.00	1.00	1.00	EA	Repair existing irrigation manhole and place blind cover	\$ 550.00	\$ -	\$ -	0.00	0.00	550.00	550.00	0.00	550.00	0.00	550.00	0.00	550.00
22				1.00	1.00	1.00	EA	Convert a Ty "C" Inlet into a Ty "CC" Inlet	\$ 400.00	\$ -	\$ -	0.00	0.00	0.00	400.00	400.00	0.00	400.00	0.00	400.00	
23				1.00	1.00	1.00	EA	36" Concrete Collar	\$ 550.00	\$ -	\$ -	0.00	0.00	0.00	550.00	550.00	0.00	550.00	0.00	550.00	
24					45.00	45.00	LF	Remove Structural Concrete	\$ 25.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	1,125.00	1,125.00	0.00	1,125.00
25					75.00	183.00	LF	Remove Metal Guard Fence	\$ 7.50	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	582.50	582.50	810.00	1,372.50
26					1.00	1.00	EA	24" Concrete Collar	\$ 550.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	550.00	550.00	0.00	550.00
27					50.00	50.00	LF	Replace Metal Guard Fence	\$ 15.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	750.00	750.00	0.00	750.00
28						2.00	EA	24" Field Drain Inlet	\$ 1,100.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,200.00	2,200.00	
<b>Total Base:</b>											\$ 145,445.00	\$ 15,000.00	\$ 160,445.00	\$ 13,000.00	\$ 173,445.00	\$ 1,670.00	\$ 174,165.00	\$ 7,667.50	\$ 182,782.50	\$ 6,110.50	\$ 186,693.00

ALTERNATE

1	86.00	86.00	266.00	266.00	266.00	266.00	LF	18" HPP storm pipe	\$ 28.00	\$ 28.00	\$ 2,408.00	0.00	2,408.00	5,040.00	7,448.00	0.00	7,448.00	0.00	7,448.00	0.00	7,448.00
2	207.00	146.00	146.00	146.00	286.00	429.00	LF	24" HPP storm pipe	\$ 41.00	\$ 41.00	\$ 8,487.00	(2,501.00)	5,986.00	0.00	5,986.00	5,740.00	11,726.00	5,863.00	17,589.00		
3	444.00	444.00	444.00	444.00	444.00	444.00	LF	30" HPP storm pipe	\$ 53.00	\$ 53.00	\$ 23,532.00	0.00	23,532.00	0.00	23,532.00	0.00	23,532.00	0.00	23,532.00	0.00	23,532.00
4	2,661.00	2,751.00	2,751.00	2,751.00	2,751.00	2,751.00	LF	36" HPP storm pipe	\$ 65.00	\$ 65.00	\$ 172,965.00	5,850.00	178,815.00	0.00	178,815.00	0.00	178,815.00	0.00	178,815.00	0.00	178,815.00
5	270.00	270.00	274.00	274.00	274.00	274.00	LF	48" HPP storm pipe	\$ 94.00	\$ 94.00	\$ 25,380.00	0.00	25,380.00	376.00	25,756.00	0.00	25,756.00	0.00	25,756.00	0.00	25,756.00
6	200.00	200.00	200.00	200.00	280.00	460.00	LF	60" HPP storm pipe	\$ 129.00	\$ 129.00	\$ 25,800.00	0.00	25,800.00	0.00	25,800.00	0.00	25,800.00	10,320.00	36,120.00	23,220.00	59,340.00
7	3,868.00	3,897.00	4,109.00	4,109.00	4,329.00	4,652.00	LF	HPP Bedding	\$ 7.50	\$ 7.50	\$ 29,010.00	217.50	29,227.50	1,590.00	30,817.50	0.00	30,817.50	1,650.00	32,467.50	2,422.50	34,890.00
<b>Total Alternate</b>											\$287,582.00	\$3,566.50	\$291,148.50	\$7,006.00	\$298,154.50	\$0.00	\$298,154.50	\$17,710.00	\$315,864.50	\$31,505.50	\$347,370.00
<b>Grand Total</b>											\$433,027.00	\$18,566.50	\$451,593.50	\$20,006.00	\$471,599.50	\$ 1,670.00	\$472,319.50	\$ 25,377.50	\$ 498,647.00	\$ 37,616.00	\$ 534,063.00



# Hidalgo County Drainage District No. 1

902 North Doolittle Road, Edinburg, TX 78542 Office: 956-292-7080

## Invoice Processing Routing Slip

Invoice/ Backup

Date Received: 1/3/2017

Engineer/Firm Name: Jimenez Engineering dba ICE

Project Name/Number: Mile 6 W and Mile 14 N Area DIP

Invoice No.: Change Order No. 5

Invoice Date: N/A

Due Date: N/A

Purchase Order No.: N/A

Amount: \$37,616.00

Total # of Pages Submitted: 2

Attachments:  CD  USB  Plans Other: \_\_\_\_\_

Engineering:  Construction:

Received By: Maria Perez

### Forwarded to:

Nora D. Cavazos *NDC* Date: 1-4-17

Esther Layton \_\_\_\_\_ Date: \_\_\_\_\_

Claudette Guerrero \_\_\_\_\_ Date: \_\_\_\_\_

Jose N. Saldivar \_\_\_\_\_ Date: \_\_\_\_\_

Lora Briones \_\_\_\_\_ Date: \_\_\_\_\_

Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**AI -57964**

**10.**

**DRAINAGE - CONSENT**

Meeting Date: 01/10/2017

Submitted For: Jaime Salazar

Submitted By: Jaime Salazar, DRAINAGE  
DISTRICT

Department: DRAINAGE DISTRICT

---

Information

CAPTION

Clarification purposes only for Agenda Item No. 57749 (B) amount should be \$79,758.15 payable to Sierra Title of Hidalgo County, Inc.

BACKGROUND

---

Fiscal Impact

Attachments

*No file(s) attached.*

---

**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	01/06/2017 05:36 PM
Form Started By: Jaime Salazar		Started On: 01/05/2017 05:24 PM
Final Approval Date: 01/06/2017		